



RADIATORS
TOWEL RAILS

CATALOGUE
2019



Cordivari company has a proven industrial tradition and is now one of the most important manufacturers in the heating and plumbing industry in Italy.

Founded in 1972 by Ercole Cordivari, the company is producing calorifiers & buffer tanks, solar thermal systems, compressed air receivers, design radiators, chimney pipes and food containers. Cordivari plants are situated on an area of 290.000 square meters and employs more than 500 employees.

Thanks to its development strategies, all to new technologies and to the training of new human focused resources, Cordivari is equipped with modern structures and advanced production processes. All the products are designed and produced in Italy and the technological, ergonomic and ecological choices allow to work respecting the humans and its environment. UNI EN ISO 14001 environment managing systems and UNI EN ISO 9001 Quality system are perfectly integrated to grant and ensure company's main goals and values.

The highly qualified management, the constant research for innovative solutions and the extremely customer-oriented company policy, stands for the leading market position and the exclusive know-how in the field of integrated heating systems, that the Cordivari group has acquired. All this is the result of a continuous commitment to achieve Customer Satisfaction.



Index

ARDESIA®

- | | |
|--------------------------------|---------------|
| | |
| • Standard heights | 12 246 |
| • Heights for replacement | 13 247 |
| • Ardesia® Bench | 25 268 |
| • Ardesia® Hygienic | 26 270 |
| • Ardesia® Curved | 24 271 |
| • Ardesia® Angled | 25 271 |
| • Special executions on demand | 24 272 |



TOWEL RAILS

- | | |
|-------------------|---------------|
| | |
| • Claudia® Elite | 30 274 |
| • Claudia® | 32 276 |
| • Claudia® Wide | 34 280 |
| • Claudia® Curved | 36 282 |
| • Claudia® Square | 38 284 |
| • Anna | 44 286 |
| • Nausica | 46 288 |
| • Naïke | 48 290 |
| • Lucy 18 | 50 292 |
| • Lucy 18 Plus | 52 294 |
| • Lucy 18 Wide | 54 296 |
| • Lucy 25 | 58 298 |
| • Lucy 25 Plus | 60 300 |
| • Lucy 25 Chromed | 62 302 |

ELECTRIC RADIATORS AND FAN HEATERS

- | | |
|--------------------------------|---------------|
| | |
| • Ardesia® electric | 22 332 |
| • Claudia® electric | 40 334 |
| • Claudia® Blower | 42 360 |
| • Claudia® Blower dual energy | 43 362 |
| • Lucy 18 electric | 56 336 |
| • Gloria 22 electric | 74 338 |
| • Gloria 22 electric Chromed | 76 340 |
| • Gloria 22 Blower | 80 364 |
| • Gloria 22 Blower dual energy | 81 366 |
| • Dory electric | 84 342 |
| • Dory Blower | 86 368 |
| • Dory Blower dual energy | 87 370 |



- | | |
|--|----------------|
| | |
| • Kelly Flat electric | 96 344 |
| • Kelly Flat Blower | 98 372 |
| • Kelly Flat Blower dual energy | 100 376 |
| • Elen 18 electric polished stainless steel | 116 348 |
| • Sandy electric polished stainless steel | 126 350 |
| • Leila electric polished stainless steel | 130 352 |
| • Stefania electric polished stainless steel | 132 354 |
| • Alessandra electric polished stainless steel | 137 356 |
| • Laura electric polished stainless steel | 142 358 |

LIVING DESIGN RADIATORS

- | | |
|------------------------------|----------------|
| | |
| • Rosy vertical | 156 412 |
| • Rosy horizontal | 158 414 |
| • Rosy Tandem vertical | 160 416 |
| • Rosy Tandem horizontal | 164 418 |
| • Rosy Max | 166 420 |
| • Rosy Picture | 170 422 |
| • Rosy Mirror | 172 424 |
| • Keira vertical | 174 426 |
| • Keira Tandem vertical | 176 428 |
| • Karin VX vertical | 180 430 |
| • Karin VX horizontal | 182 432 |
| • Karin VX Tandem vertical | 184 434 |
| • Karin VX Tandem horizontal | 188 436 |
| • Alice 18 vertical | 190 438 |



- | | |
|------------------------------|----------------|
| | |
| • Alice 18 horizontal | 192 440 |
| • Alice 18 Tandem vertical | 194 442 |
| • Alice 18 Tandem horizontal | 198 444 |
| • Alice 22 vertical | 200 446 |
| • Alice 22 horizontal | 202 448 |
| • Alice 22 Tandem vertical | 204 450 |
| • Alice 22 Tandem horizontal | 208 452 |
| • Arianna | 210 454 |
| • Doriana vertical | 216 456 |
| • Doriana horizontal | 218 458 |
| • Tamara vertical | 220 460 |
| • Tamara horizontal | 222 462 |
| • Tamara Tandem vertical | 224 464 |
| • Tamara Tandem horizontal | 226 466 |

MODELS FOR REPLACEMENT

- | | |
|----------------------------|----------------|
| | |
| • Ardesia® for replacement | 13 476 |
| • Rosy Tandem vertical | 162 486 |
| • Rosy Max | 168 488 |
| • Keira vertical | 174 490 |
| • Keira Tandem vertical | 178 492 |
| • Karin VX Tandem vertical | 186 494 |
| • Alice 18 Tandem vertical | 196 496 |
| • Alice 22 Tandem vertical | 206 498 |
| • Arianna | 212 500 |



MY WAY® HOME AUTOMATION SYSTEM

- | | |
|------------------|----------------|
| | |
| • MY WAY® System | 236 502 |
| • MY HEAD | 236 506 |
| • Components | 506 |



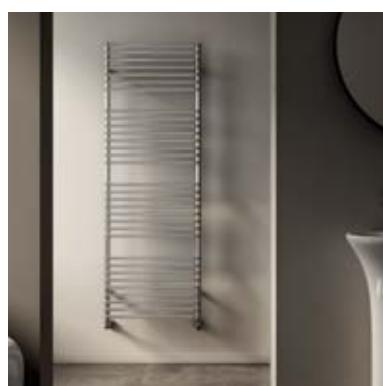
- Brigitte 64 304
- Gloria 18 66 306
- Gloria 22 68 308
- Gloria 22 Plus 70 310
- Gloria 22 Chromed 72 312
- Gloria 22 Wide 78 314
- Dory 82 316
- Katia VX 88 318
- Katia VX Plus 90 320
- Katia VX Wide 92 322
- Kelly Flat 94 324
- Samira 102 326
- Samira Wide 104 328
- Kora 106 330



INOX RANGE RADIATORS



- Elen 18 polished stainless steel 110 378
- Elen 18 satin stainless steel 112 380
- Elen 18 Wide polished stainless steel 114 382
- Elen 22 polished stainless steel 118 384
- Nancy polished stainless steel 120 386
- Nancy satin stainless steel 122 388
- Sandy polished stainless steel 124 390
- Leila polished stainless steel 128 392
- Stefania polished stainless steel 133 394
- Stefania satin stainless steel 134 396



- Alessandra polished stainless steel 136 398
- Alessandra satin stainless steel 138 398
- Laura polished stainless steel 140 400
- Giada vertical polished stainless steel 144 402
- Giada horizontal polished stainless steel 146 404
- Giada vertical satin stainless steel 148 406
- Giada horizontal satin stainless steel 150 408
- Elsa polished stainless steel 152 410



ELECTRIC RADIATORS
AND FAN HEATERS

INOX RANGE

LIVING DESIGN
RADIATORS

VENTILATED
RADIATORS



VENTILATED RADIATORS



- Sofi® HC horizontal 230 468
- Sofi® vertical 232 472



ACCESSORIES



- Valves kit 508
- Ardesia® accessories 514
- Hooks and towel bar 520
- Dual energy kit 524



TECHNICAL SUPPORT

- Special Executions 528
- Calculate thermal output 530
- Valves flow resistance 532
- Certifications 536
- Colour chart 540
- Sales and warranty conditions 542
- Alphabetical index 543



MODELS FOR
REPLACEMENT

ACCESSORIES
AND TECHNICAL
SUPPORT

ARDESIA®

TOWEL RAILS

tfSolu



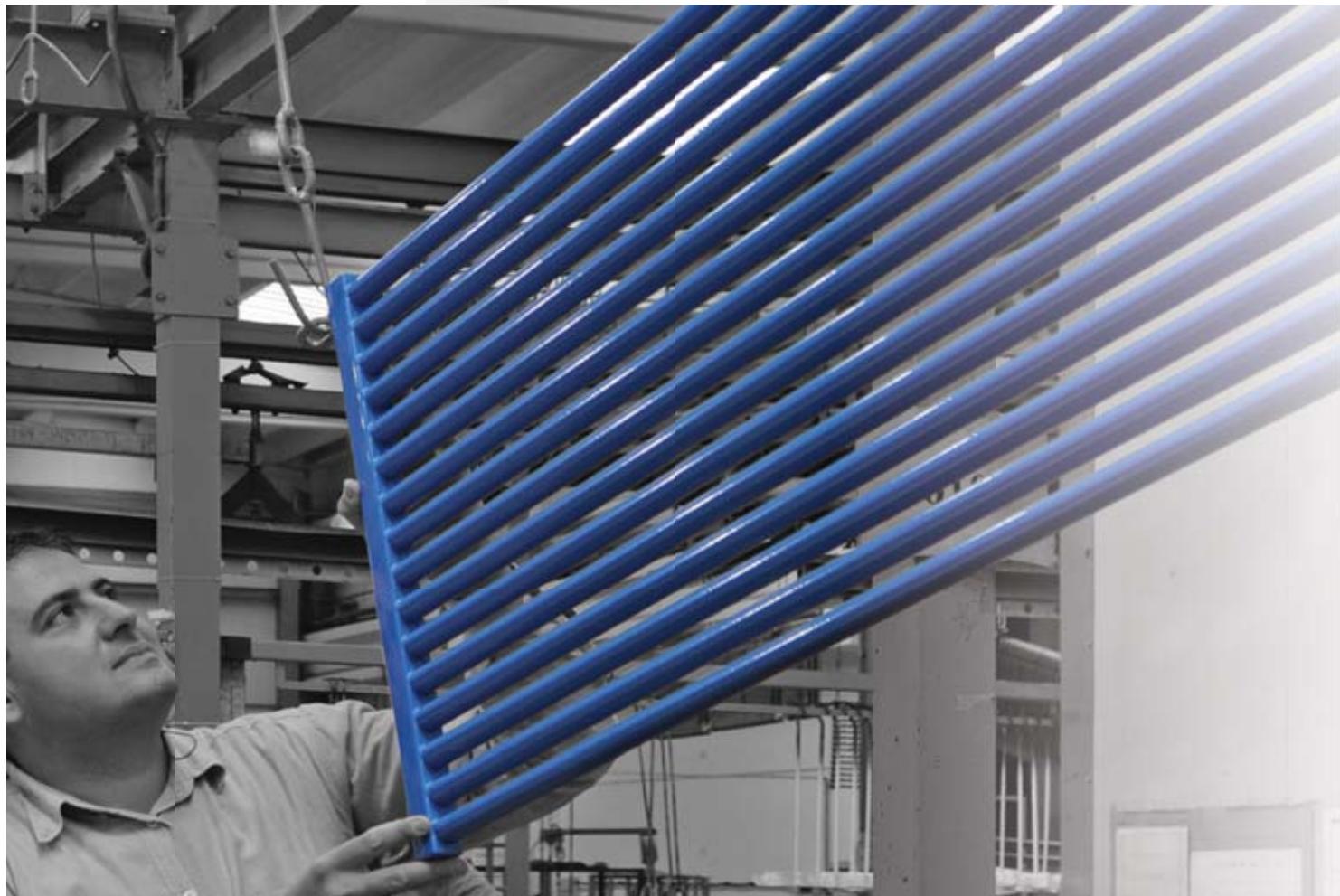
#solutions

100% Made in Italy production, that has constantly evolved over the years. The historical products of Cordivari have been joined by systems and solutions that are the result of research and development, and that today represent strategic assets for the growth and the future of the company. Today the production philosophy is essentially oriented towards high efficiency products designed to optimize the well-being and energy efficiency of buildings.

In designing and developing the proposed systems, Cordivari uses innovative solutions able to combine comfort, energy performance and savings, through the use of latest generation technologies and renewable sources.



#qua



#quality

The Cordivari products featured in this catalog respond to the most important and stringent international certifications and approvals. All radiators are manufactured in full compliance with the harmonized European standard EN 442-1-2-3 and CE marked in accordance with all directives governing this marking. Among the other certifications obtained, the NF marking, the certification of the painting process according to DIN 55900 1-2 and the certification of conformity of the fixing systems according to VDI6036.



Environment
certification UNI EN
ISO 14001



UNI EN ISO
9001-14001



RADIATORS, CONVECTORS AND
CEILING-MOUNTED RADIANT PANELS,
HOT WATER HEATING, FAN ASSISTED
AND MIXED



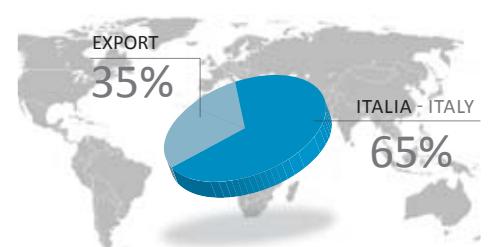
93/68/CEE
CPR 305/2011



KNOW




4 Plants 
500 Employees



#know-how

Thanks to the experience gained in over 40 years of activity, the Cordivari company has contributed to the evolution of the sector introducing innovative solutions on the market, oriented towards design, savings and domestic comfort. Cordivari has been the protagonist of the evolution of the design and functionality of the heating terminals thanks to the introduction of innovations in the field of technic, process and materials.

At the end of the 80s it was the first company to introduce on the market a decorative radiator made of stainless steel, from which a whole line of products was born, and over the years has become a "cult" of the sector and a hallmark of the company.

Today the Cordivari range of radiators is the most complete on the market with over 100 models that explore every material, ranging from tubular to towel warmers, from decorative radiators to heating bodies designed in collaboration with the most prestigious international representatives.

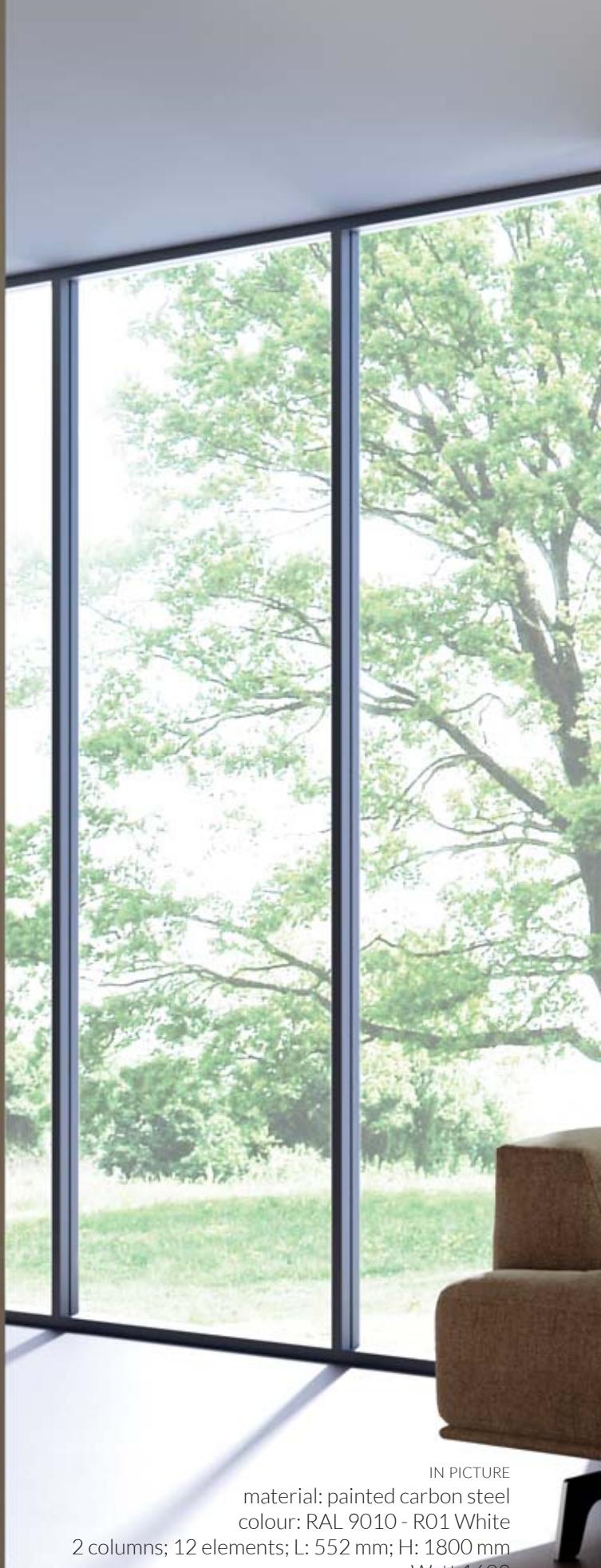


TUBULAR

ARDESIA®



ardesia®



IN PICTURE

material: painted carbon steel
colour: RAL 9010 - R01 White
2 columns; 12 elements; L: 552 mm; H: 1800 mm

Watt 1609

accessories: manual square painted elegant valve



IN THE UPPER PICTURE

material: painted carbon steel

colour: F23 Sparkling Grey

2 columns; 21 elements; L: 966 mm; H: 656 mm; pipe centres: 600 mm

Watt 1071

accessories: kristal valve square

ARDESIA® 2 COLUMNS

page 248 

ARDESIA® 3 COLUMNS

 page 250

IN THE PICTURE ON THE RIGHT
material: painted carbon steel
colour: RAL 3003 - R08 Ruby red
3 columns; 14 elements; L: 644 mm; H: 1800 mm
Watt 2523
accessories: kristal valve square







L'arte gira





IN THE UPPER PICTURE
material: painted carbon steel
colour: RAL 9010 - R01 White
4 columns; 30 elements; L: 1380; H: 656 mm; pipe centres: 600 mm
Watt 2748
accessories: kristal valve square

IN PICTURE ON THE LEFT
material: painted carbon steel
colour: RAL 9010 - R01 White
4 columns; 15 elements; L: 690 mm; H: 1800 mm
Watt 3399
accessories: Kristal square holders kit

ARDESIA® 4 COLUMNS

page 252



IN THE UPPER PICTURE

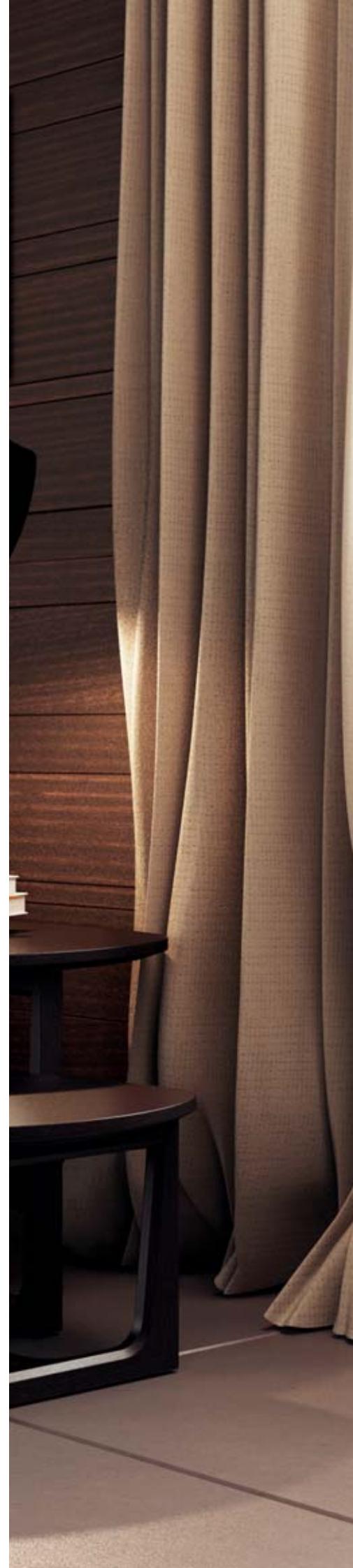
material: painted carbon steel

colour: F28 Shiny Transparent

5 columns; 19 elements; L: 874 mm; H: 756 mm; Pipe centres: 700 mm

Watt 2109

accessories: kristal valve square



ARDESIA® 5 COLUMNS

 page 254



IN PICTURE

material: painted carbon steel

colour: RAL 9010 - R01 White

5 columns; 18 elements; L: 828 mm; H: 750 mm

Watt 2246

accessories: kristal valve square whit thermostatic option



IN PICTURE

material: painted carbon steel

colour: RAL 9010 - R01 White

6 columns; 28 elements; L: 1288 mm; H: 400 mm

Watt 2444

accessories: kristal valve square



ARDESIA® 6 COLUMNS

page 256 



ARDESIA® ELECTRIC

page 332



IN PICTURE ON THE LEFT
material: painted carbon steel
colour: RAL 9010 - R01 White
L: 982 mm; H: 600 mm
Watt 1500



ARDESIA® CURVED

 page 271



IN PICTURE

material: painted carbon steel

colour: S07 Graphite

3 columns; 26 elements; H: 600 mm

Watt 1695

ARDESIA® ANGLED

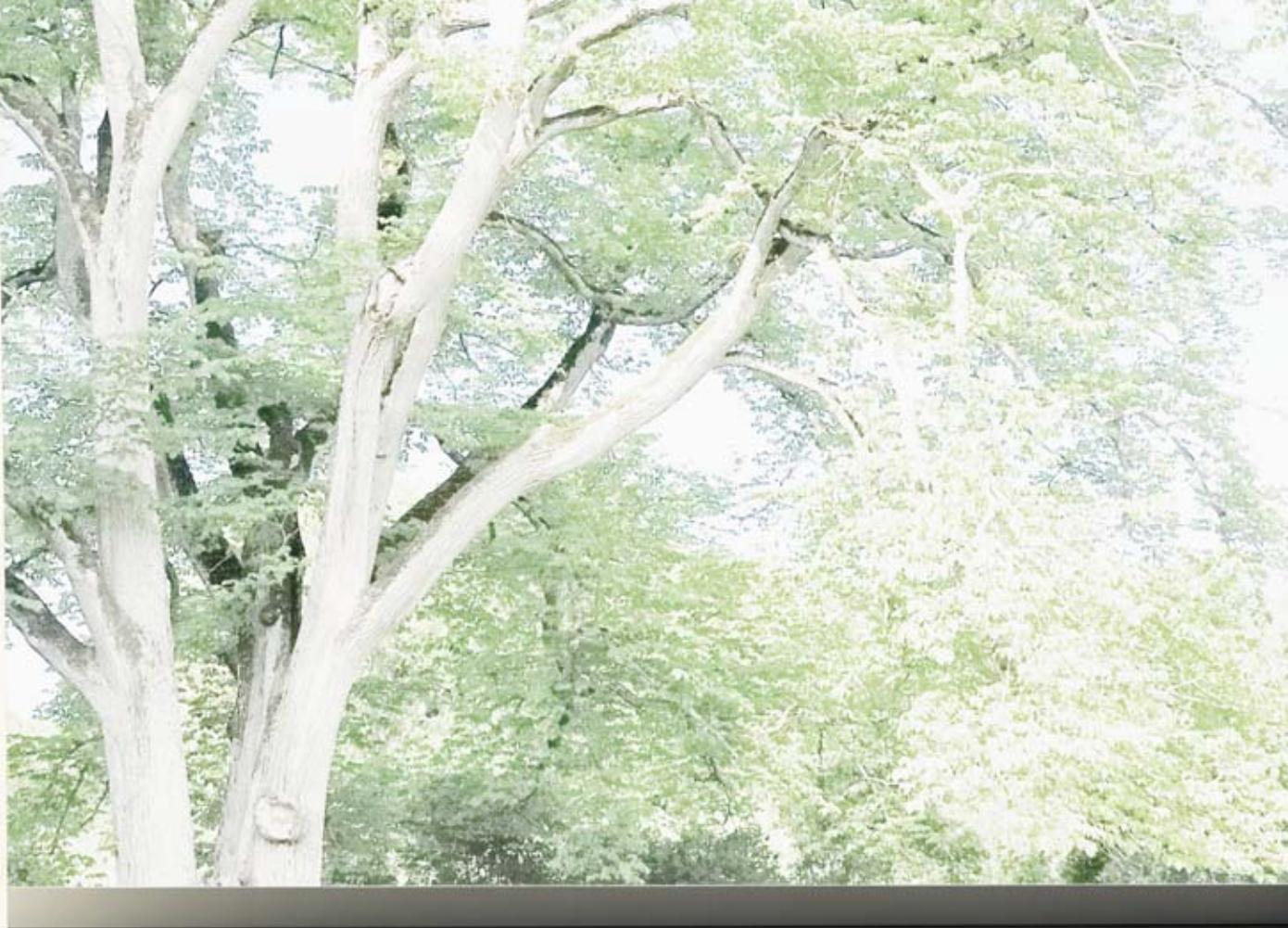
page 271 

IN THE BELOW PICTURE
ARDESIA® BENCH page 268



IN THE BELOW PICTURE
material: painted carbon steel
colour: R22 Stone Grey
3 columns; 13 elements (side 1); 13 elements (side 2); H: 1600 mm
Watt 4334





ARDESIA® HYGIENIC

page 270 

IN PICTURE
material: painted carbon steel
colour: RAL 9016 - R02 Traffic white
3 columns; 18 elements; L: 1151; H: 600 mm
Watt 1174

TOWEL RAILS RADIATORS



CLAUDIA®

ELITE

 page 274

IN THE BELOW PICTURE

material: painted carbon steel

colour: RAL 1013 - R40 Pearl White

L: 500 mm; H: 1411 mm

Watt 719

Accessories included in the Elite version: kristal valve square; kit 2 hooks





IN PICTURE

material: painted carbon steel

colour: H27 Bright red

L: 500 mm; H: 1411 mm

Watt 719

Accessories included in the Elite version: kristal valve square; kit 2 hooks



IN PICTURE

IN PICTURE

L8017-R09 Dark brown

H: 1411 mm

Watt 648

accessories:

accessories:
manual square painted elegant valve

CLAUDIA®

page 276 



CLAUDIA® WIDE

 page 280



IN PICTURE

material: painted carbon steel

colour: S02 Manhattan

L: 1200 mm; H: 620 mm

Watt 712

accessories: manual square elegant valve





IN THE PICTURE ON THE RIGHT

material: painted carbon steel

colour: H56 Lavic stone

L: 500 mm; H: 1411 mm

Watt 742

accessories: kristal valve square

CLAUDIA® CURVED

page 282





CLAUDIA® SQUARE

page 278 



IN PICTURE ON THE LEFT
material: painted carbon steel
colour: F31 Corten Brown
L: 490 mm; H: 1819 mm
Watt 284
accessories: kristal valve square



CLAUDIA ELECTRIC

page 334 



IN PICTURE ON THE LEFT
material: painted carbon steel
colour: T12 Matt Light Grey
L: 500 mm; H: 1807 mm
Watt 900
Digital thermostat Plus



CLAUDIA® BLOWER

 pag. 360



IN PICTURE ON THE LEFT
material: painted carbon steel
colour: H09 Lake
L: 500 mm; H: 1195 mm
Watt 750+1000





IN PICTURE
CLAUDIA® BLOWER DUAL ENERGY page 362
material: painted carbon steel
colour: R01 White
L: 500 mm - H: 1195 mm
Watt 595+1000 (blower)
accessories: kristal valve square

ANNA

 page 286

IN THE PICTURE ON THE RIGHT
material: painted carbon steel
colour: H24 Mango
L: 500 mm; H: 1454 mm
Watt 639
accessories: kristal valve square





NAUSICÀ

 page 288

IN THE BELOW PICTURE
material: painted carbon steel
colour: RAL 7001 - R21 Silver grey
L: 500 mm; H: 1130 mm
Watt 472
accessories: kristal valve square





IN PICTURE

material: painted carbon steel

colour: S02 Manhattan

L: 500 mm; H: 1430 mm

Watt 575

accessories: kristal valve corner right





IN PICTURE

material: painted carbon steel

colour: RAL 9016 - R02 Traffic white

L: 530 mm; H: 1880 mm

Watt 810

accessories: kristal valve square left pipe centres 50 mm



IN THE UPPER PICTURE

material: painted carbon steel

colour: H48 Dove

L: 480 mm; H: 1320 mm

Watt 563

accessories: manual square polished elegant valve

NAIKE

page 290

LUCY 18

 page 292

IN THE BELOW PICTURE
material: painted carbon steel
colour: RAL 9010 - R01 White
L: 480 mm; H: 1410 mm
Watt 838
accessories: kristal valve square





IN PICTURE

material: painted carbon steel

colour: RAL 7030 - R22 Stone Grey

L: 480 mm; H: 1410 mm

Watt 838

accessories: kristal valve square right pipe centres 50 mm



LUCY 18 PLUS

page 294 



IN PICTURE ON THE LEFT
material: painted carbon steel
colour: F37 Denim Blue
L: 480 mm; H: 1410 mm
Watt 1183
accessories: kristal valve square

LUCY 18 WIDE

 page 296



IN PICTURE

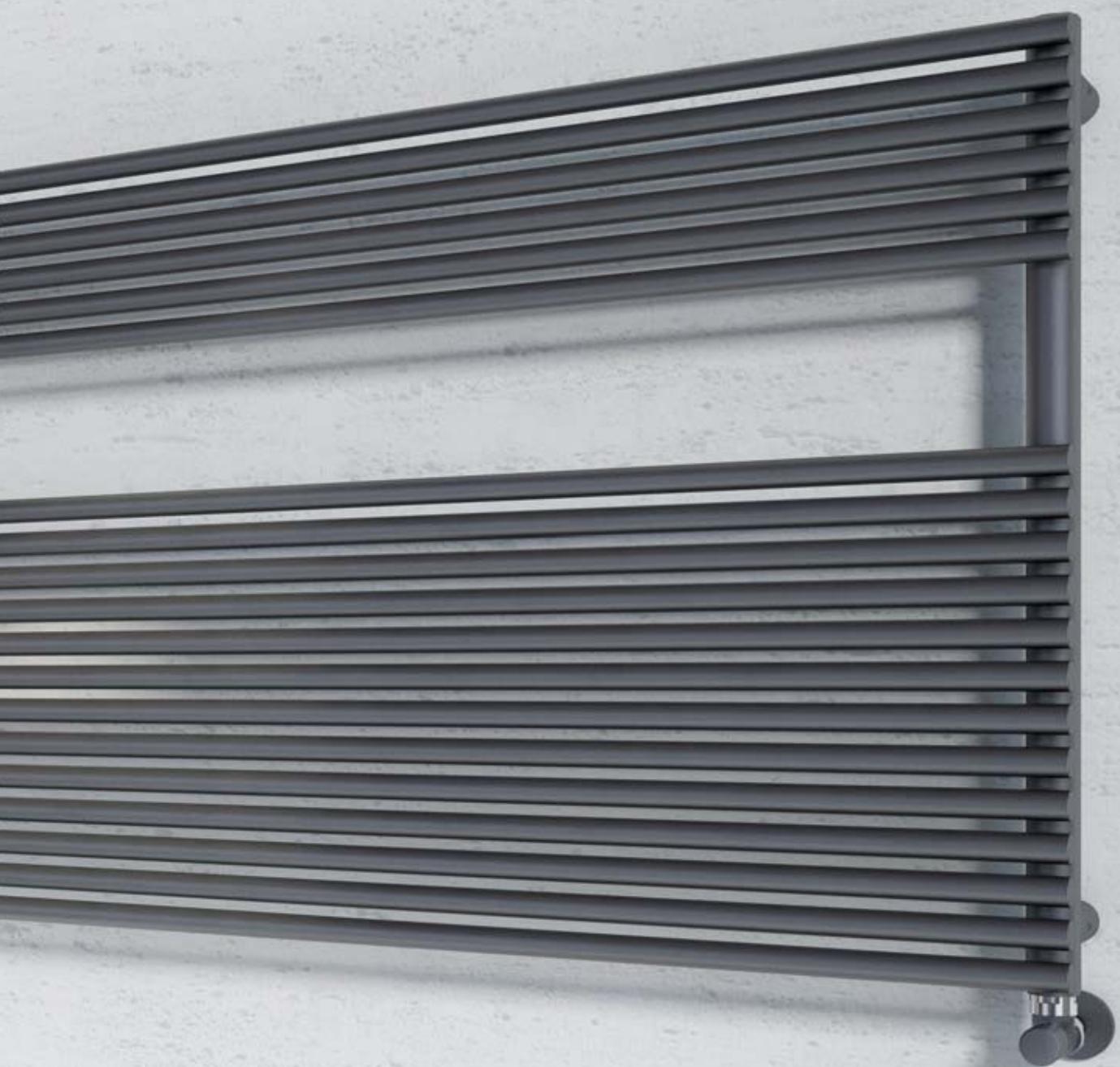
material: painted carbon steel

colour: S07 Graphite

L: 600 mm; H: 1400 mm

Watt 822

accessories: manual square painted elegant valve





LUCY 18 ELECTRIC

page 336 



IN PICTURE
material: painted carbon steel
colour: H48 Dove
L: 480 mm; H: 1410 mm
Watt 900
Digital Thermostat Eco

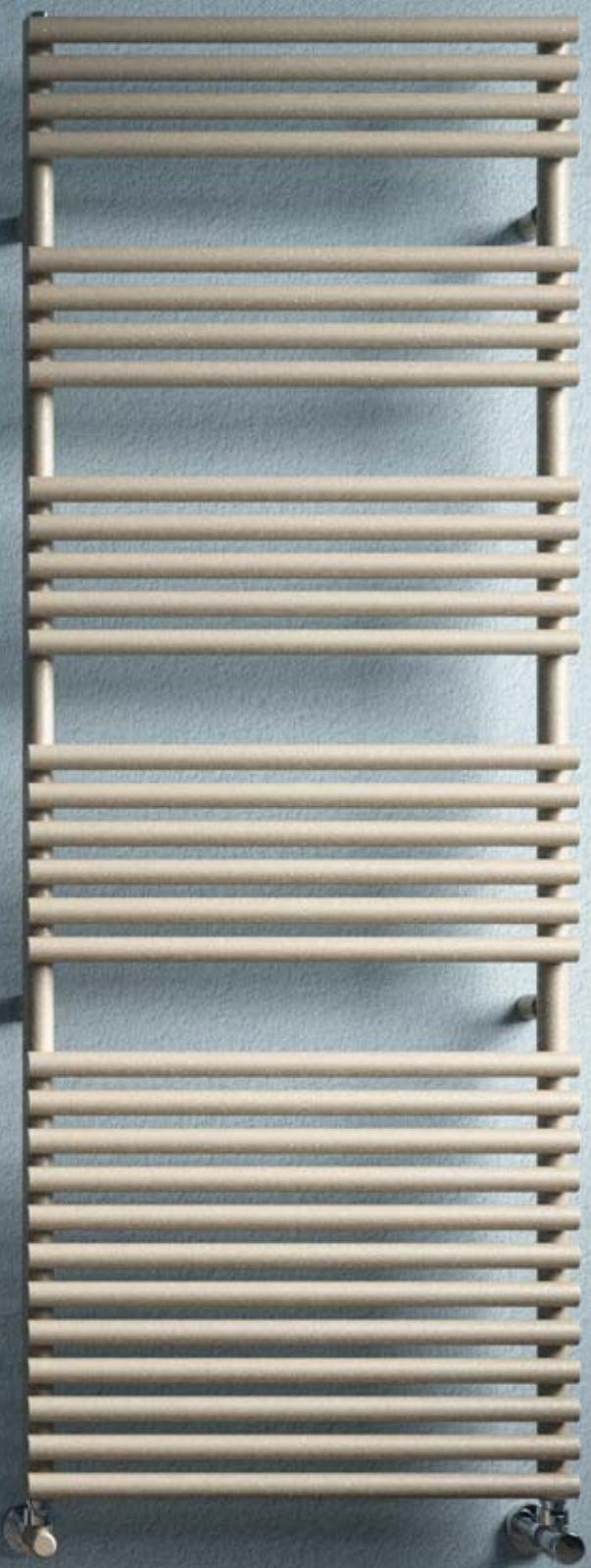


LUCY 25

 page 298



IN THE PICTURE ON THE RIGHT
material: painted carbon steel
colour: F25 Quartz Dust
L: 530 mm; H: 1441 mm
Watt 812
accessories: kristal valve square



LUCY 25 PLUS

 page 300

IN THE PICTURE ON THE RIGHT

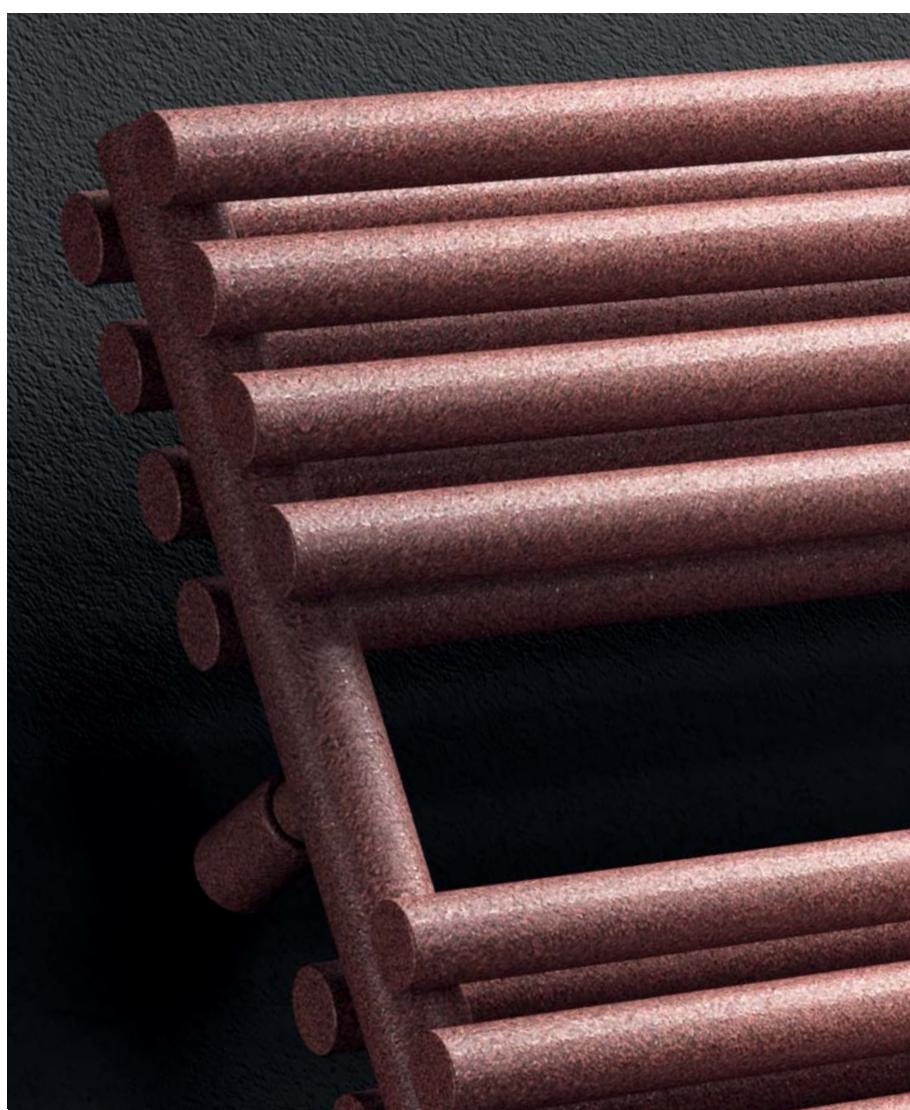
material: painted carbon steel

colour: F34 Red Sand

L: 530 mm; H: 1441 mm

Watt 1250

accessories: kristal valve square









LUCY 25 CHROMED

page 302 

IN PICTURE ON THE LEFT
material: painted carbon steel
chromed finish
L: 480 mm; H: 1441 mm
Watt 580
accessories: kristal valve square

BRIGITTE

 page 304



IN THE PICTURE ON THE RIGHT

material: painted carbon steel

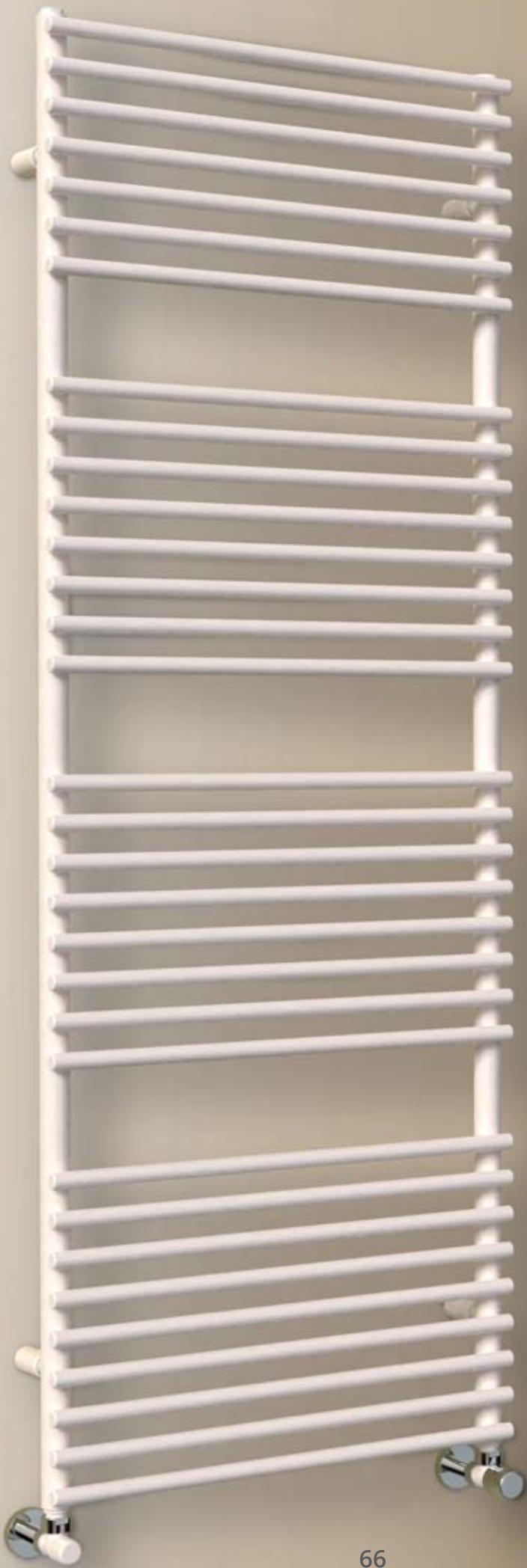
colour: H56 Lavic stone

L: 500 mm; H: 1435 mm

Watt 912

accessories: kristal valve square





GLORIA 18

page 306



IN PICTURE

material: painted carbon steel

colour: R01 white

L: 530 mm; H: 1500 mm

Watt 738

accessories: kristal valve square



IN PICTURE

material: painted carbon steel

colour: H48 Dove

L: 580 mm; H: 1500 mm

Watt 860

accessories: kristal valve square left pipe centres 50 mm

GLORIA 22

page 308



IN THE BELOW PICTURE
material: painted carbon steel
colour: RAL 9010 - R01 White
L: 530 mm; H: 1150 mm
Watt 617
accessories: kristal valve square



GLORIA 22

PLUS

 page 310

IN THE PICTURE ON THE RIGHT
material: painted carbon steel
colour: S07 Graphite
L: 530 mm; H: 1500 mm
Watt 1154
accessories: kristal valve square









IN PICTURE ON THE LEFT
material: painted carbon steel
chromed finish
L: 530 mm; H: 1500 mm
Watt 740
accessories: kristal valve square

GLORIA 22 CHROMED

page 312 



IN PICTURE ON THE LEFT
material: painted carbon steel
colour: RAL 9005 - R13 Jet black
L: 580 mm; H: 1500 mm
Watt 900
Digital Thermostat Eco



GLORIA 22 ELECTRIC

page 338 

GLORIA 22

ELECTRIC CHROMED

 page 340



IN THE PICTURE ON THE RIGHT
material: painted carbon steel
chromed finish
L: 580 mm; H: 1500 mm
Watt 700
Digital Thermostat Eco





GLORIA 22

WIDE

page 314 



IN PICTURE

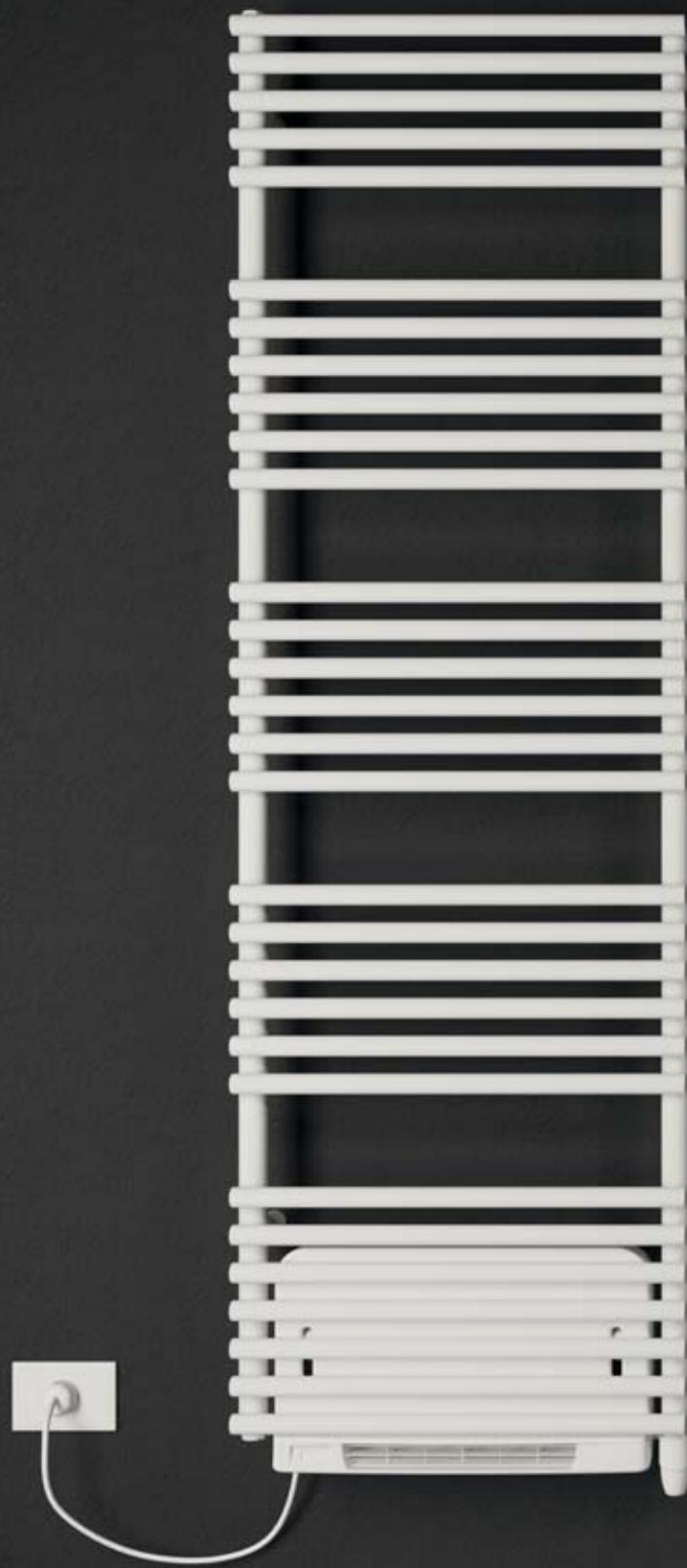
material: painted carbon steel

colour: RAL 9005 - R13 Jet black

L: 1200 mm; H: 400 mm

Watt 460

accessories: kristal valve square



IN PICTURE

material: painted carbon steel

colour: RAL 9010 - R01 White

L: 530 mm; H: 1500 mm

Watt 1000+1000

GLORIA 22 BLOWER

page 364

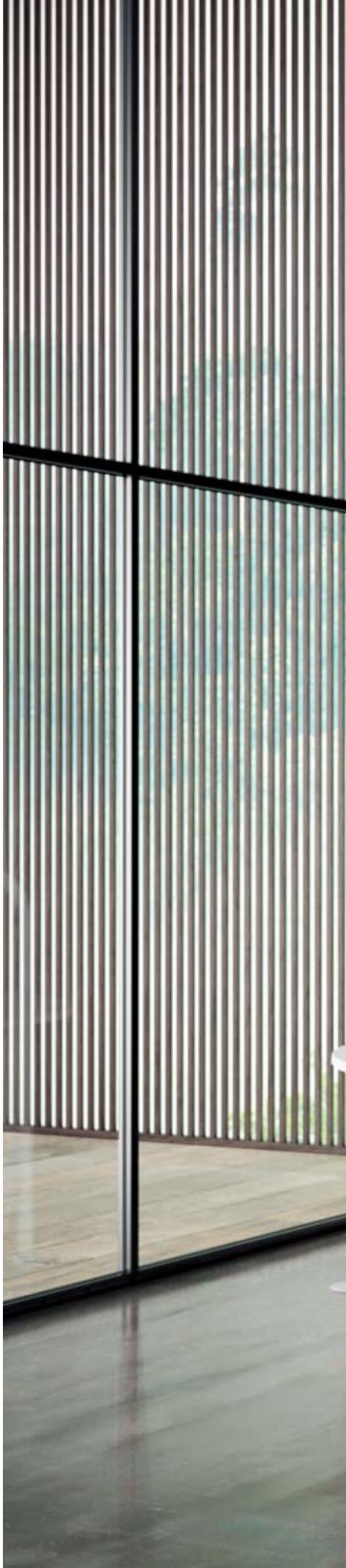


IN THE BELOW PICTURE
GLORIA 22 BLOWER DUAL ENERGY page 366
material: painted carbon steel
colour: RAL 7001 - R21 silver grey
L: 591 mm; H: 1500 mm
Watt 591+1000 (blower)
accessories: kristal valve square



DORY

 page 316



IN THE PICTURE ON THE RIGHT

material: painted carbon steel
colour: RAL 1013 - R40 Pearl White
L: 500 mm; H: 1512 mm
Watt 767
accessories: kristal valve square





DORY ELECTRIC

page 342 



IN PICTURE
material: painted carbon steel
colour: RAL 9010 - R01 White
L: 500 mm; H: 1512 mm
Watt 900
Digital Thermostat Eco

DORY BLOWER

 pag. 368



IN THE BELOW PICTURE
material: painted carbon steel
colour: S16 Canary
L: 500 mm; H: 1512 mm
Watt 1000+1000





IN PICTURE

DORY BLOWER DUAL ENERGY page 370

material: painted carbon steel

colour: RAL 7001 - R21 silver grey

L: 500 mm; H: 1512 mm

Watt 767+1000 (blower)

accessories: kristal valve square



IN THE PICTURE ON THE RIGHT

material: painted carbon steel

colour: S17 Bahama Beige

L: 500 mm; H: 1450 mm

Watt 892

accessories: kristal valve square



KATIA VX

page 318





KATIA VX

PLUS

page 320 



IN PICTURE ON THE LEFT
material: painted carbon steel
colour: T13 Matt grey
L: 500 mm; H: 1450 mm
Watt 1200
accessories: kristal valve square



KATIA VX

WIDE

page 322 



IN PICTURE
material: painted carbon steel
colour: H 27 Bright red
L: 1400 mm; H: 400 mm
Watt 535
accessories: kristal valve square

KELLY FLAT

 page 324

IN THE BELOW PICTURE
material: painted carbon steel
colour: F25 Quartz Dust
L: 500 mm; H: 1536 mm
central connection version
Watt 652
accessories: kristal valve square right pipe centres 50 mm





IN PICTURE

material: painted carbon steel

colour: F37 Denim Blue

L: 500 mm; H: 1312 mm

Watt 563

accessories: kristal valve square left

pipe centres 50 mm



IN PICTURE
material: painted carbon steel
colour: F37 Denim Blue
L: 500 mm; H: 1312 mm
left version
Watt 700
Digital Thermostat Eco



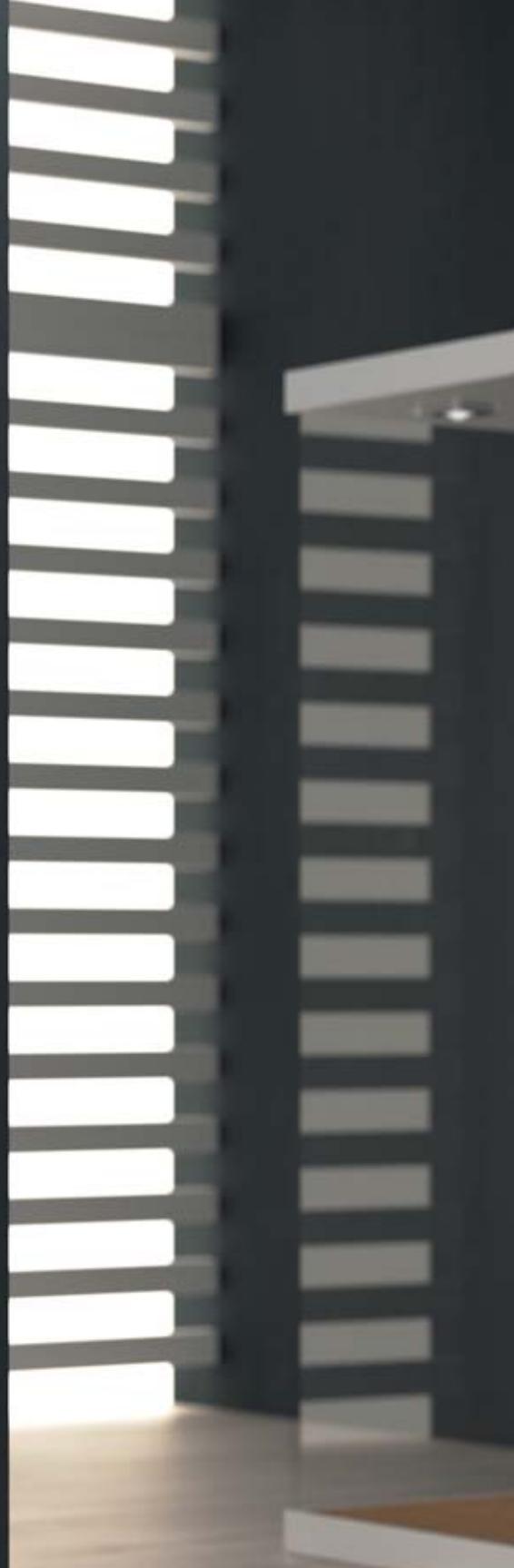
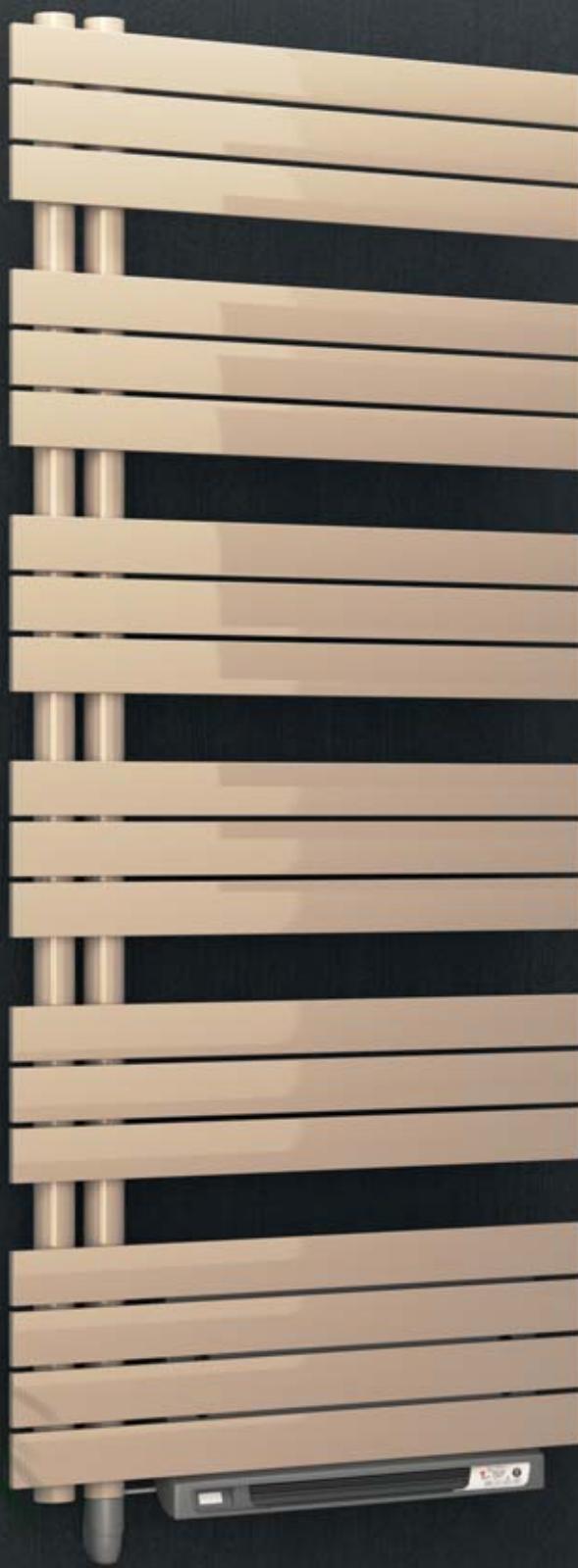
KELLY FLAT ELECTRIC

page 346 



IN THE BELOW PICTURE
material: painted carbon steel
colour: T10 Matt beige
L: 500 mm; H: 1312 mm
right version
Watt 700
Digital Thermostat Eco





IN PICTURE
material: painted carbon steel
colour: F25 Quartz Dust
L: 600 mm; H: 1433 mm
Blower version left
Watt 750+1000



IN THE UPPER PICTURE

material: painted carbon steel

colour: RAL 9010 - R01 White

L: 600 mm; H: 1433 mm

Blower version right

Watt 750+1000



KELLY FLAT BLOWER

page 372 

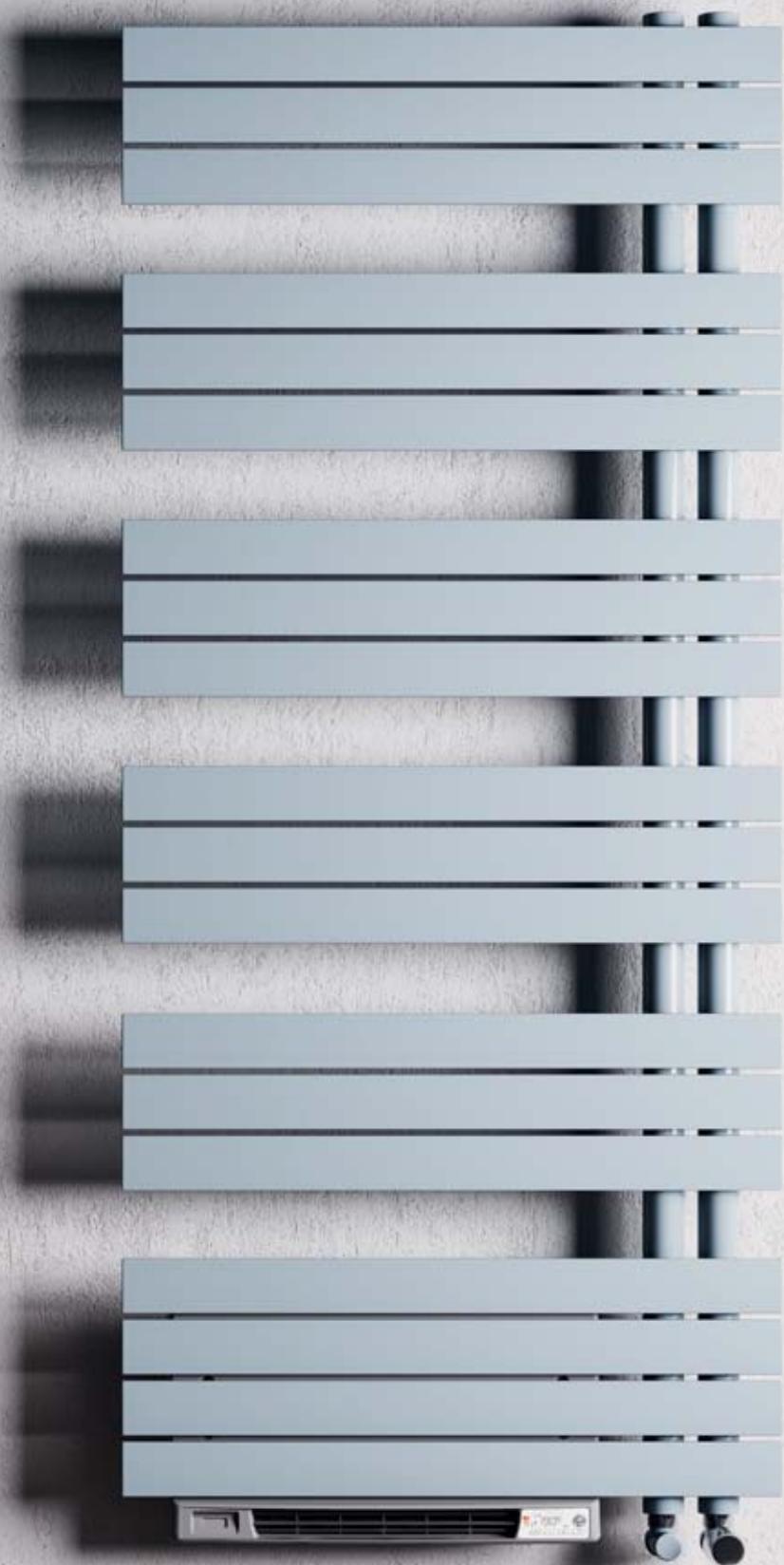
KELLY FLAT

BLOWER DUAL ENERGY

 pag. 376

IN PICTURE ON THE RIGHT
material: painted carbon steel
colour: RAL 7001 - R21 silver grey
L: 600 mm; H: 1368 mm
Blower version right
Watt 750+1000 (blower)
accessories: kristal valve square







SAMIRA

page 326 



IN PICTURE ON THE LEFT
material: painted carbon steel
colour: RAL 9010 - R01 White
L: 1385 mm; H: 500 mm
Watt 693
accessories: kristal valve square



IN PICTURE
material: painted carbon steel
colour: F37 Denim Blue
L: 1000 mm; H: 480 mm
Watt 507
accessories: Kristal valve corner left

SAMIRA WIDE

page 328 



KORA

 page 330



IN THE PICTURE ON THE RIGHT

material: painted carbon steel

colour: S20 Jasmine

L: 500 mm; H: 1400 mm

Watt 520

accessories: kristal valve square



INOX RANGE

RADIATORS



ELEN 18

POLISHED STAINLESS STEEL

 page 378

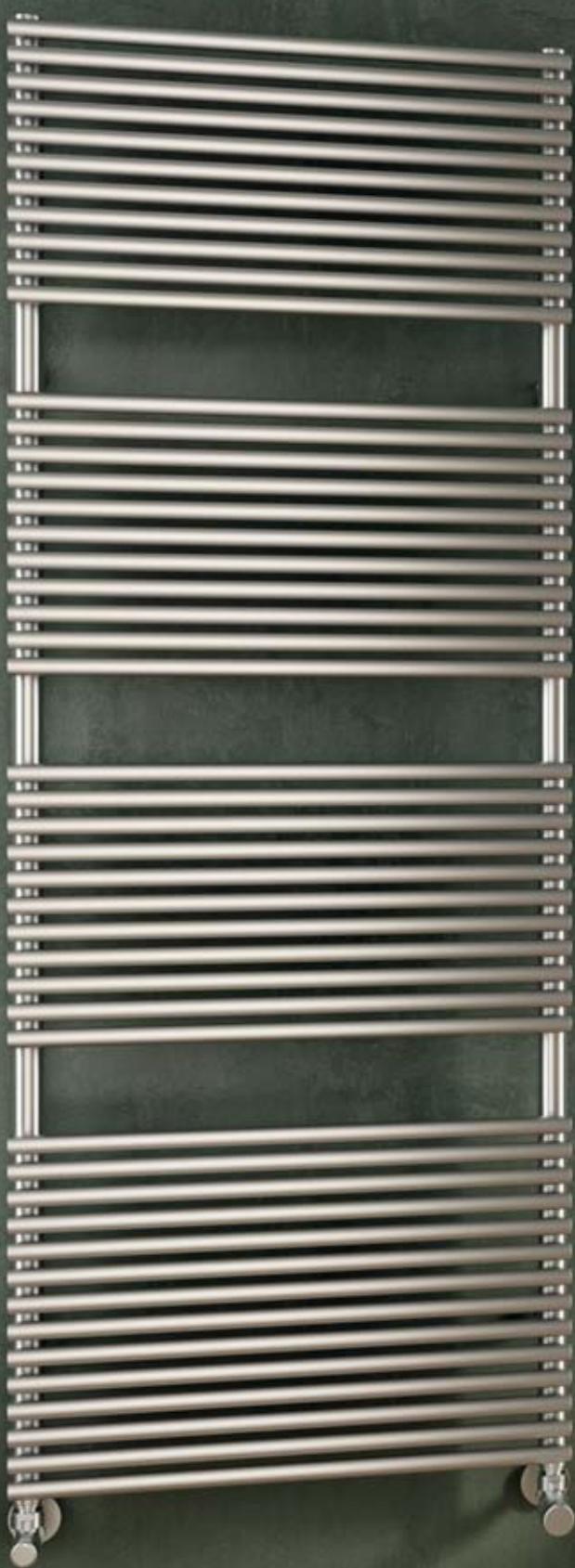
IN THE PICTURE ON THE RIGHT
material: Polished stainless steel
L: 580 mm; H: 1410 mm
Watt 978
accessories: kristal valve square



INOX RANGE



INOX RANGE





ELEN 18

SATIN STAINLESS STEEL

page 380 

IN PICTURE ON THE LEFT
material: Satin stainless steel
L: 580 mm; H: 1410 mm
Watt 1020
accessories: kristal valve square

ELEN 18

WIDE - POLISHED STAINLESS STEEL

 page 382



IN PICTURE

material: Polished stainless steel

L: 1428 mm; H: 600 mm

Watt 822

accessories: kristal valve square

INOX RANGE



INOX RANGE





IN PICTURE ON THE LEFT

material: Polished stainless steel

L: 500 mm; H: 1410 mm

Watt 700

Digital thermostat Top



ELEN 18 ELECTRIC POLISHED STAINLESS STEEL

page 348 

ELEN 22

POLISHED STAINLESS STEEL

 page 384

IN THE PICTURE ON THE RIGHT

material: Polished stainless steel

L: 530 mm; H: 1490 mm

Watt 643

accessories: kristal valve square



INOX RANGE



INOX RANGE



NANCY POLISHED STAINLESS STEEL

page 386 



IN PICTURE ON THE LEFT
material: Polished stainless steel
L: 500 mm; H: 1435 mm
Watt 658
accessories: kristal valve square





IN THE PICTURE ON THE RIGHT

material: Satin stainless steel

L: 500 mm; H: 1435 mm

Watt 677

accessories: kristal valve square



NANCY SATIN STAINLESS STEEL

page 388

INOX RANGE



SANDY POLISHED STAINLESS STEEL

 page 390

IN THE PICTURE ON THE RIGHT

material: Polished stainless steel

L: 500 mm; H: 1295 mm

Watt 475

accessories: kristal valve square



INOX RANGE



INOX RANGE





SANDY ELECTRIC POLISHED STAINLESS STEEL

page 350 



IN PICTURE ON THE LEFT
material: Polished stainless steel
L: 500 mm; H: 1295 mm
Watt 600
Digital thermostat Top

LEILA POLISHED STAINLESS STEEL

 page 392



IN THE PICTURE ON THE RIGHT
material: Polished stainless steel
L: 500 mm; H: 1512 mm
Watt 493
accessories: kristal valve square

INOX RANGE



LEILA ELECTRIC POLISHED STAINLESS STEEL

 page 352



IN PICTURE

material: Polished stainless steel

L: 500 mm; H: 1750 mm

Watt 600

Digital thermostat Top

INOX RANGE



STEFANIA POLISHED STAINLESS STEEL

 page 394

IN THE BELOW PICTURE
STEFANIA ELECTRIC - POLISHED STAINLESS STEEL page 354
material: Polished stainless steel
L: 500 mm; H: 1435 mm
Watt 500
Digital thermostat Top





IN PICTURE

material: Polished stainless steel

L: 500 mm; H: 1435 mm

Watt 446

accessories: kristal valve square



INOX RANGE



STEFANIA

SATIN STAINLESS STEEL

page 396



IN PICTURE ON THE LEFT
material: Satin stainless steel
L: 500 mm; H: 1435 mm
Watt 491
accessories: kristal valve square



IN THE UPPER PICTURE
material: Polished stainless steel
L: 530 mm; H: 1300 mm
Watt 276
accessories: kristal valve square

ALESSANDRA POLISHED STAINLESS STEEL

page 398



IN PICTURE

ALESSANDRA Electric - Polished stainless steel page 356

material: Polished stainless steel

L: 530 mm; H: 600 mm

Watt 150

ALESSANDRA SATIN STAINLESS STEEL

 page 398

IN THE PICTURE ON THE RIGHT
material: Satin stainless steel
L: 530 mm; H: 1580 mm
Watt 372
accessories: kristal valve square



INOX RANGE



INOX RANGE



LAURA POLISHED STAINLESS STEEL

page 384



IN PICTURE ON THE LEFT
material: Polished stainless steel

L: 530 mm; H: 1580 mm

Watt 400

accessories: kristal valve square

INOX RANGE



IN PICTURE

material: Polished stainless steel

L: 530 mm; H: 600 mm

Watt 150

LAURA
ELECTRIC
POLISHED STAINLESS STEEL

page 358 



GIADA

VERTICAL

POLISHED STAINLESS STEEL

 page 402

IN THE PICTURE ON THE RIGHT
material: Polished stainless steel
L: 511 mm; H: 1800 mm
Watt 918
accessories: kristal valve square



INOX RANGE



INOX RANGE



GIADA HORIZONTAL POLISHED STAINLESS STEEL

page 404 



IN PICTURE
material: Polished stainless steel

L: 1400 mm; H: 511 mm

Watt 787

accessories: kristal valve square

GIADA

VERTICAL

SATIN STAINLESS STEEL

 page 406

IN THE PICTURE ON THE RIGHT
material: Satin stainless steel
L: 511 mm; H: 1800 mm
Watt 884
accessories: kristal valve square



INOX RANGE



INOX RANGE



IN PICTURE

material: Satin stainless steel

L: 1400 mm; H: 511 mm

Watt 814

accessories: kristal valve square

GIADA
HORIZONTAL
SATIN STAINLESS STEEL

page 408 



INOX RANGE





ELSA POLISHED STAINLESS STEEL

page 410 

IN PICTURE

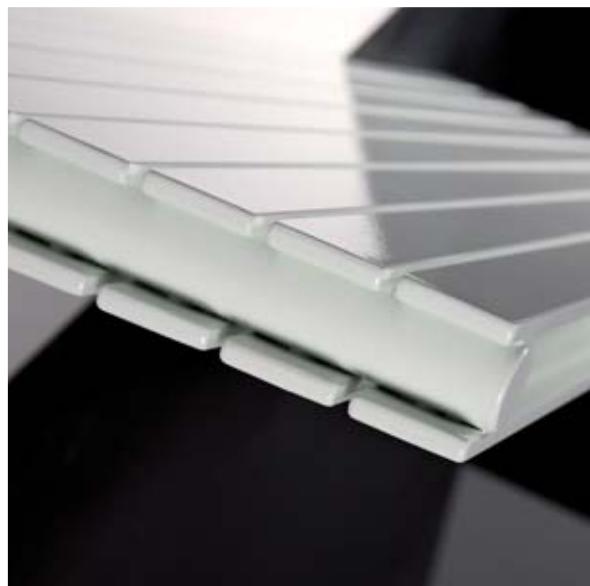
material: Polished stainless steel

L: 430 mm; H: 1800 mm

Watt 560

accessories: kristal valve square

DESIGN RADIATORS



ROSY VERTICAL

 page 412



IN PICTURE

material: painted carbon steel

colour: T14 Matt brown

L: 504 mm; H: 1800 mm

Watt 1026

accessories: kristal valve square



ROSY HORIZONTAL

 page 414



IN PICTURE

material: painted carbon steel

colour: F30 White Sand

L: 1400 mm; H: 504 mm

Watt 823

accessories: kristal valve square





ROSY TANDEM VERTICAL

page 416 



IN PICTURE

material: painted carbon steel

colour: RAL 8017 - R09 Dark brown

L: 504 mm; H: 1800 mm

Watt 1485

accessories: manual square painted elegant valve

ROSY TANDEM VERTICAL

 page 486



IN THE PICTURE ON THE RIGHT
material: painted carbon steel
colour: F36 Terra
L: 1008 mm; H: 658 mm; Pipe centres: 600 mm
Watt 1251
accessories: kristal valve square







IN PICTURE ON THE LEFT
material: painted carbon steel
colour: RAL 9010 - R01 White
L: 1400 mm; H: 448 mm
Watt 1271
accessories: kristal valve square

ROSY TANDEM HORIZONTAL

page 418

ROSY MAX

 page 420

IN THE PICTURE ON THE RIGHT
material: painted carbon steel
colour: F31 Corten Brown
L: 778 mm; H: 1800 mm
Watt 3500
accessories: kristal valve square







ROSY MAX

page 488 



IN PICTURE ON THE LEFT
material: painted carbon steel
colour: F30 White Sand
L: 834 mm; H: 640 mm; Pipe centres: 600 mm
Watt 1522
accessories: kristal valve square



IN PICTURE

material: painted carbon steel

versione: Rosy vertical

Picture: Il Bacio (P99)

L: 784 mm; H: 1800 mm

Watt 1596

accessories: kristal valve square

ROSY PICTURE

page 422



IN THE BELOW PICTURE

material: painted carbon steel

versione: Rosy tandem horizontal

Picture: Fisher (P09)

L: 1400 mm; H: 448 mm

Watt 1271

accessories: kristal valve square

ROSY MIRROR

 page 424

IN THE PICTURE ON THE RIGHT
material: painted carbon steel
colour: F22 Classic gold
L: 560 mm; H: 1800 mm
Watt 684
accessories: kristal valve square







IN THE UPPER PICTURE

material: painted carbon steel

colour: F34 Red Sand

L: 983 mm; H: 640 mm; Pipe centres: 600 mm

Watt 1181

accessories: kristal valve square

IN THE PICTURE ON THE RIGHT

material: painted carbon steel

colour: RAL 9001 - R14 Cream

L: 473 mm; H: 1800 mm

Watt 1486

accessories: kristal valve square

KEIRA VERTICAL

 page 426





IN PICTURE

material: painted carbon steel

colour: F22 Classic gold

L: 473 mm; H: 1800 mm

Watt 2387

accessories: kristal valve square

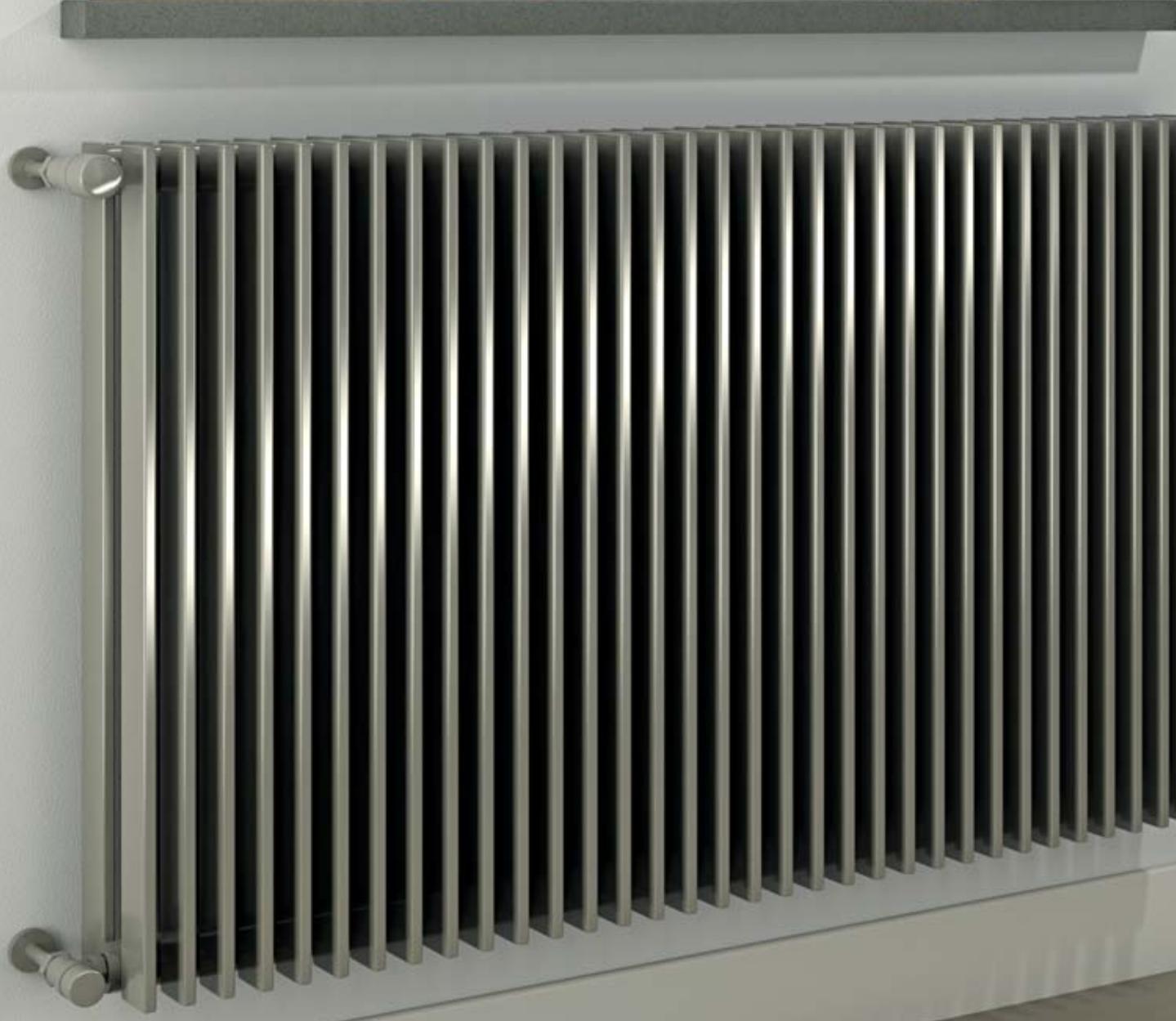


KEIRA TANDEM VERTICAL

page 428 

KEIRA TANDEM VERTICAL

 page 492





IN PICTURE

material: painted carbon steel

colour: F26 Dark Alluminium

L: 1043 mm; H: 640 mm; Pipe centres: 600 mm

Watt 2121

accessories: kristal valve square

KARIN VX VERTICAL

 page 414



IN PICTURE

material: painted carbon steel

colour: S03 Pergamon

L: 550 mm; H: 1800 mm

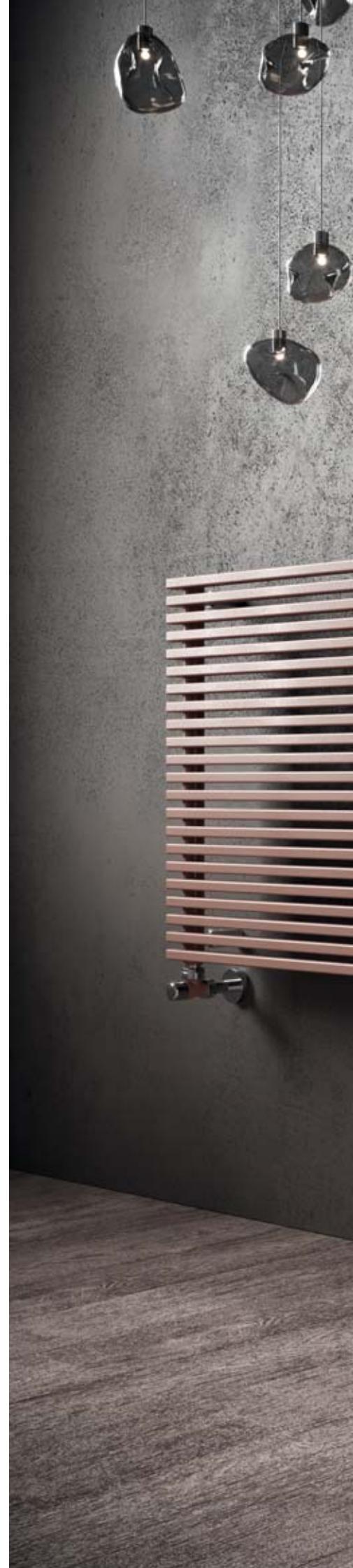
Watt 1467

accessories: kristal valve square



KARIN VX HORIZONTAL

 page 432



IN THE PICTURE ON THE RIGHT

material: painted carbon steel

colour: F38 Sandstone

L: 1400 mm; H: 550 mm

Watt 1496

accessories: kristal valve square





KARIN VX TANDEM VERTICAL

page 434



IN PICTURE ON THE LEFT
material: painted carbon steel
colour: RAL 9016 - R02 Traffic white
L: 550 mm; H: 1800 mm
Watt 2079
accessories: kristal valve square

KARIN VX TANDEM VERTICAL

 page 494

IN PICTURE
material: painted carbon steel
colour: S16 Canary
L: 1100 mm; H: 630 mm; Pipe centres: 600
Watt 1777
accessories: kristal valve square







IN PICTURE
material: painted carbon steel
colour: RAL 9010 - R01 White
L: 1400 mm; H: 450 mm
Watt 1814
accessories: kristal valve square

KARIN VX TANDEM HORIZONTAL

page 436 



ALICE 18 VERTICAL

 page 438

IN THE PICTURE ON THE RIGHT

material: painted carbon steel
colour: RAL 8007 - R09 Dark brown
L: 511 mm; H: 1800 mm
Watt 1264
accessories: kristal valve square

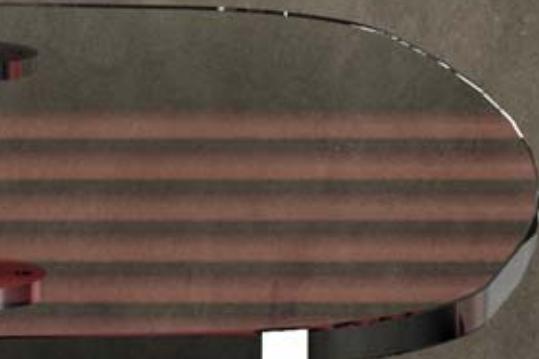






ALICE 18 HORIZONTAL

page 440 



IN PICTURE

material: painted carbon steel

colour: RAL 3003 - R08 Ruby red

L: 1400 mm; H: 511 mm

Watt 1138

accessories: kristal valve square



IN PICTURE

material: painted carbon steel

colour: RAL 9010 - R01 White

L: 511 mm; H: 1800 mm

Watt 1802

accessories: kristal valve square



ALICE 18 TANDEM VERTICAL

 page 442



ALICE 18 TANDEM VERTICAL

 page 496





IN PICTURE

material: painted carbon steel

colour: S02 Manhattan

L: 1011 mm; H: 658 mm; Pipe centres: 600 mm

Watt 1537

accessories: kristal valve square

ALICE 18 TANDEM HORIZONTAL

 page 444



IN PICTURE

material: painted carbon steel

colour: H04 Ice

L: 1400 mm; H: 511 mm

Watt 1653

accessories: kristal valve square





ALICE 22 VERTICAL

page 446 



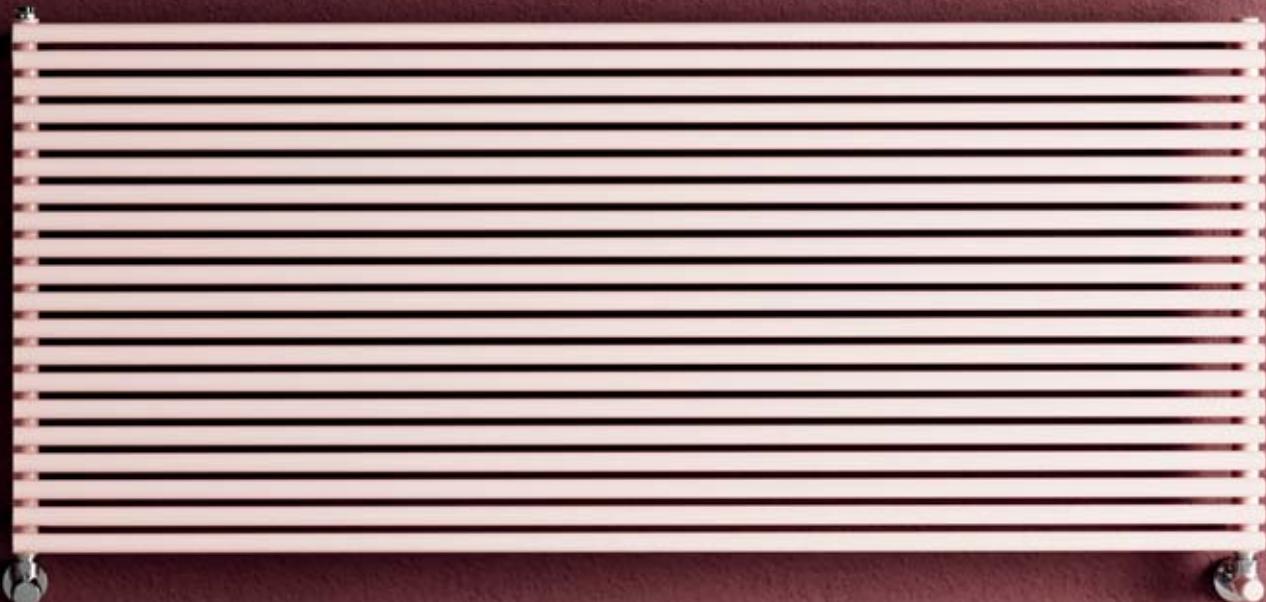
IN PICTURE ON THE LEFT
material: painted carbon steel
colour: F33 Emerald Sand
L: 540 mm; H: 1800 mm
Watt 1390
accessories: kristal valve square



ALICE 22

HORIZONTAL

page 448 



IN PICTURE

material: painted carbon steel

colour: F30 White Sand

L: 1400 mm; H: 600 mm

Watt 1370

accessories: kristal valve square

ALICE 22 TANDEM VERTICAL

 page 450

IN THE PICTURE ON THE RIGHT
material: painted carbon steel
colour: RAL 8017 - R09 Dark brown
L: 540 mm; H: 1800 mm
Watt 1982
accessories: kristal valve square









ALICE 22 TANDEM HORIZONTAL

page 452 



IN PICTURE

material: painted carbon steel

colour: F38 Sandstone

L: 1400 mm; H: 540 mm

Watt 1850

accessories: kristal valve square




archiproducts[®]
DESIGN AWARDS
—
WINNER 2017


GERMAN
DESIGN
AWARD
SPECIAL
2019

ARIANNA

page 454 A



IN PICTURE

material: painted carbon steel

colour: R27 Metal grey

L: 486 mm; H: 1830 mm

Watt 1713

accessories: kristal valve square

ARIANNA

 page 500



archiproducts[®]
DESIGN AWARDS
—
WINNER 2017



GERMAN
DESIGN
AWARD
SPECIAL
2019

IN PICTURE

material: painted carbon steel

colour: F04 Graphite grey

L: 990 mm; H: 630 mm; Pipe centres: 600 mm

Watt 1281

accessories: kristal valve square



MY HEAD

 page 502



IN PICTURE

MY HEAD WHITE WIRELESS THERMOSTAT

Mounted on the radiator ARIANNA

material: painted carbon steel

colour: RAL 9010 - R01 White

L: 822 mm; H: 630 mm; Pipe centres: 600 mm

Watt 1067






archiproducts
DESIGN AWARDS
—
WINNER 2017

 GERMAN
DESIGN
AWARD
SPECIAL
2019



DORIANA VERTICAL

page 456



IN PICTURE ON THE LEFT
material: painted carbon steel
colour: RAL 1004 - R06 Gold
L: 873 mm; H: 1800 mm
Watt 1836
accessories: kristal valve square



IN PICTURE

material: painted carbon steel

colour: RAL 3003 - R08 Ruby red

L: 1400 mm; H: 657 mm

Watt 1033

accessories: kristal valve square

DORIANA HORIZONTAL

page 458 





TAMARA VERTICAL

page 460



IN PICTURE ON THE LEFT
material: painted carbon steel
colour: RAL 1021 - R05 Yellow rape
L: 480 mm; H: 1800 mm
Watt 994
accessories: kristal valve square



TAMARA HORIZONTAL

 page 462



IN PICTURE

material: painted carbon steel

colour: F20 Milky

L: 1800 mm; H: 480 mm

Watt 859

accessories: kristal valve square





TAMARA TANDEM VERTICAL

page 464



IN PICTURE ON THE LEFT
material: painted carbon steel
colour: F27 Moonshine
L: 480 mm; H: 2000 mm
Watt 1658
accessories: kristal valve square

TAMARA TANDEM HORIZONTAL

 page 466





IN PICTURE

material: painted carbon steel

colour: RAL9001 - R14 Cream

L: 1400 mm; H: 480 mm

Watt 1172

accessories: kristal valve square

VENTILATED RADIATORS



SOFI® HC HORIZONTAL

 page 468

IN THE PICTURE ON THE RIGHT

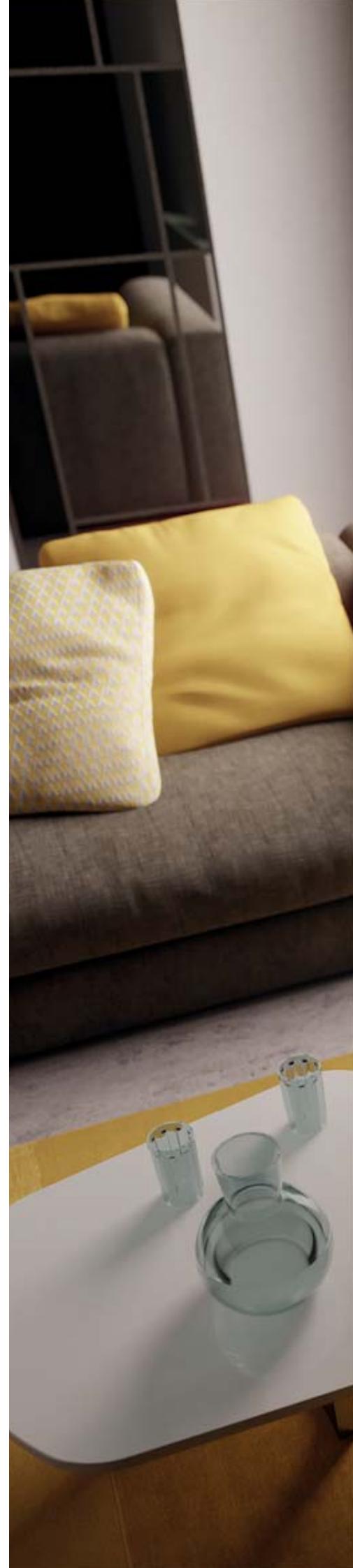
material: painted carbon steel

colour: RAL 9010 - R01 White

L: 1200 mm; H: 610 mm

Thermal output Max in heating (70°) Watt 5372

Max power in cooling (7°) Watt 2154







IN PICTURE
material: painted carbon steel
colour: RAL 9010 - R01 White
L: 554 mm; H: 2000 mm
Max power Watt 3377
accessories: kristal valve square pipe centres 50 mm

SOFI® VERTICAL

page 472



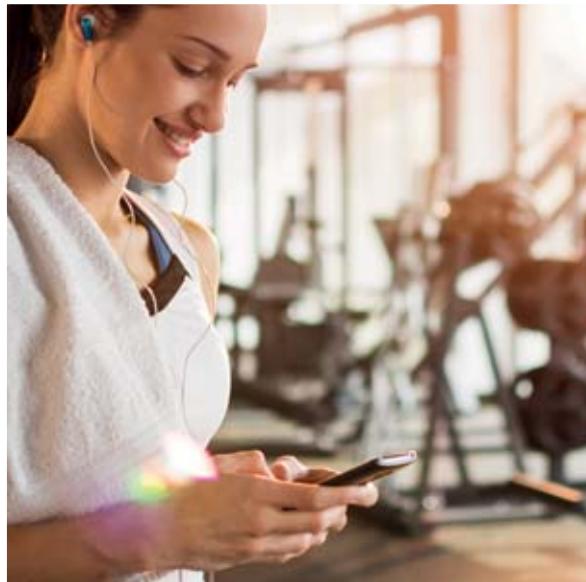
© CORDIVARI



IN THE BELOW PICTURE
material: painted carbon steel
Picture: Abstract 04 (G14)
L: 554 mm; H: 1800 mm
Max power Watt 3257
accessories: kristal valve square pipe centres 50 mm

MY WAY® HOME

AUTOMATION SYSTEM



My[®]way[®]
C O S Y H O M E



IN PICTURE

MY WAY® HOME AUTOMATION SYSTEM FOR CLIMATE AND DOMESTIC COMFORT CONTROL ON THE RADIATOR ARIANNA



MY WAY®

 page 502






archiproducts
DESIGN AWARDS
—
WINNER 2017

 GERMAN
DESIGN
AWARD
SPECIAL
2019

My Way®

C O S Y H O M E

My Way® is the smart solution
for the heating that makes
your home more welcoming!



MY WAY®

page 502 



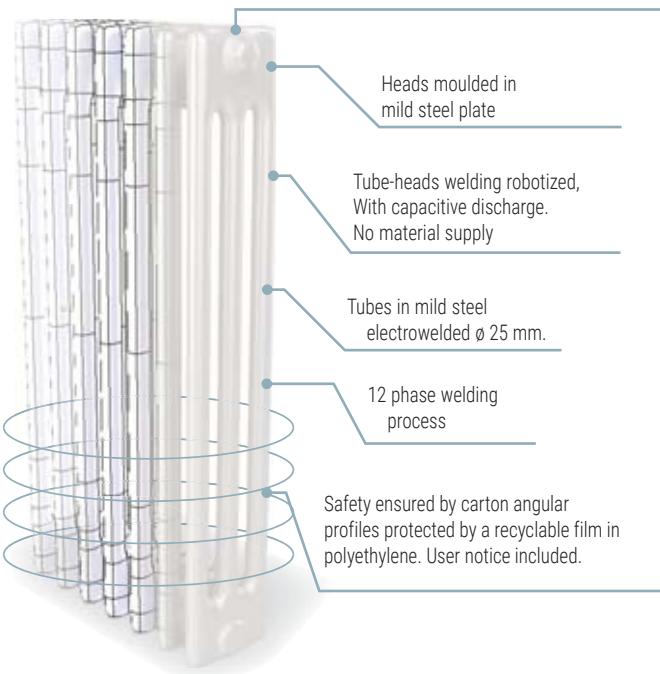
IN PICTURE
MY WAY® HOME AUTOMATION SYSTEM FOR
CLIMATE AND DOMESTIC COMFORT CONTROL ON
THE RADIATOR ANDREA (BY CORDIVARI DESIGN)



TECHNICAL DATA



Robotized welding between sections
thanks to pulsed spray welding process



FUNCTIONING

Hot water

Temperature (max)	Hub	Section width
110 °C	1"	46 mm

PRESSURE

10 bar	Maximum working pressure
13 bar	Testing conditions



EN 442-1
RADIATORS AND CONVECTORS

WARRANTY
5 YEARS



Ardesia® packing allows to install the radiator without removing the packing.

HOW TO ORDER ARDESIA® (CREATION OF THE ARTICLE CODE)

ARTICLE NR. STRUCTURE

Model and nr COLUMNS	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr COLUMNS E.g.: Ardesia® 3 COLUMNS	Numero elements E.g.: 21 elements	Height in cm Example: 750 mm	Article code of the connection Example: connection D8	Article code of the colour Example: R01-White	Constant value
AR3	21	0750	D08	R01	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR3 ... ARDESIA® 3 COLUMNS

21 ... 21 elements (see the table shown on the side)

0750 ... Height 750 mm (see the table shown on the side)

D08 ... connection D8 (see page 244)

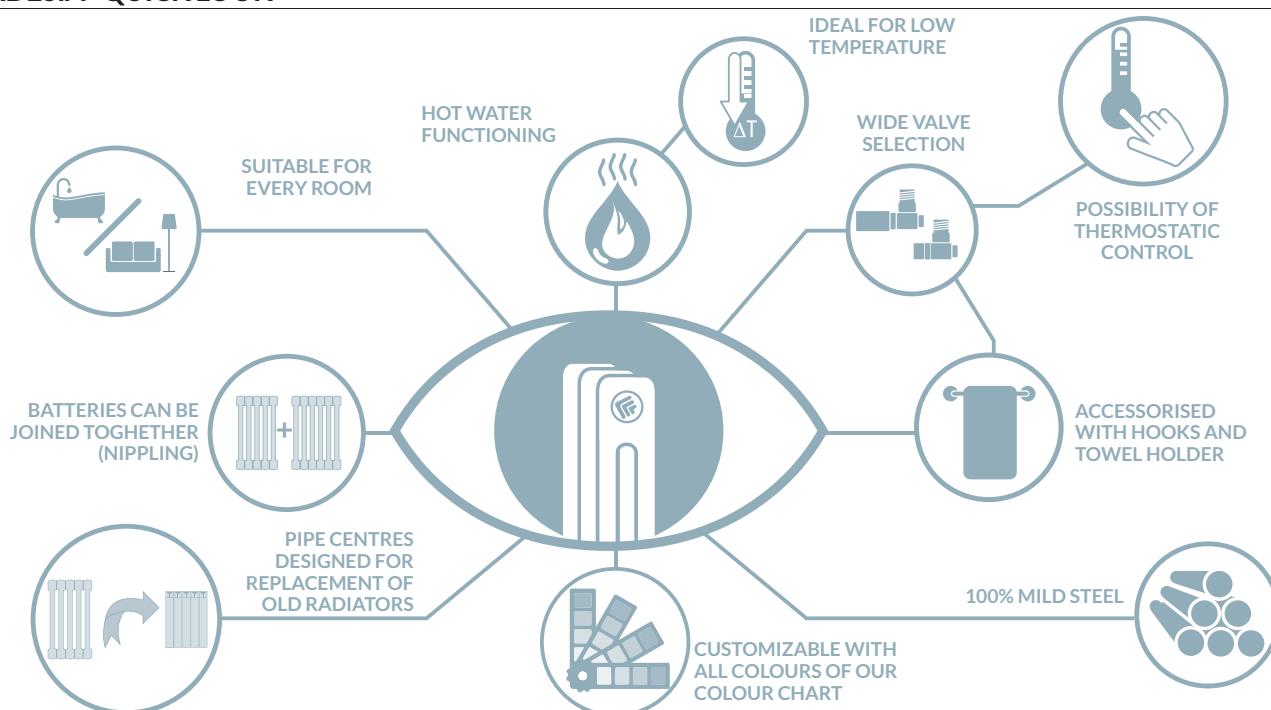
R01 ... colour R01-White (see page 540)

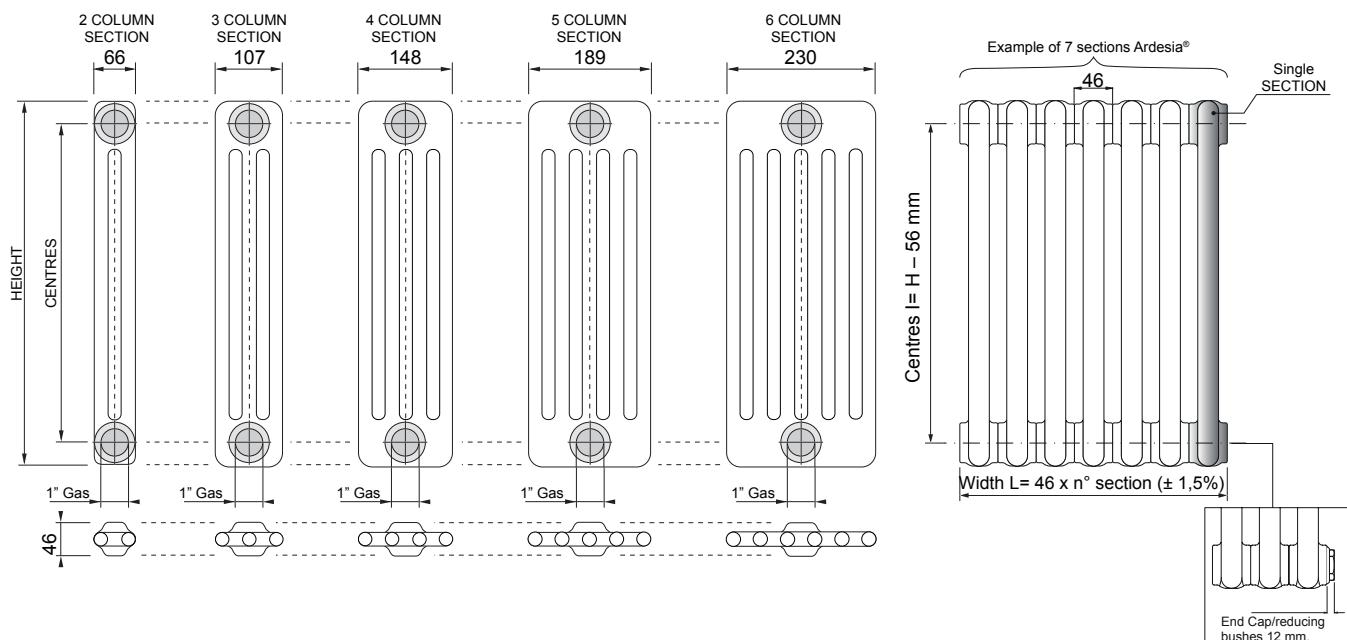
A ... (Constant value)

The article code will be:

AR3 21 0750 D08 R01 A

ARDESIA® QUICK LOOK



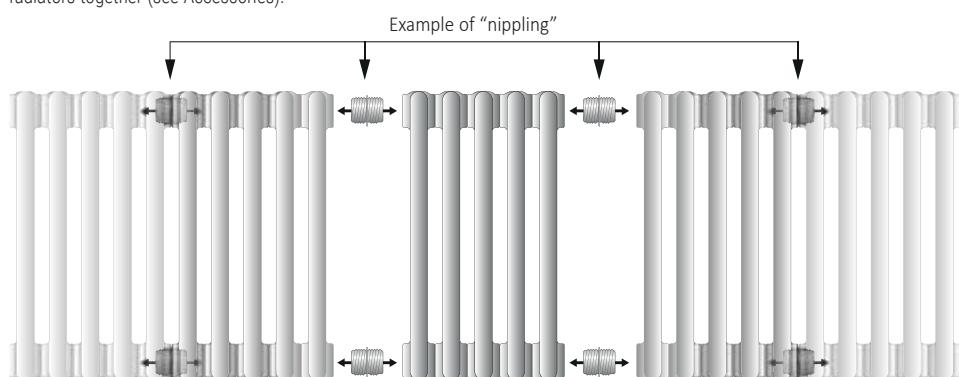


MAXIMUM NUMBER OF SECTIONS WELDED TOGETHER

HEIGHT H [mm]	Pipe centres I [mm]	N° COLUMNS				
		2	3	4	5	6
207	151	40	40	40	40	40
300	244	40	40	40	40	40
400	344	40	40	40	40	40
500	444	40	40	40	40	40
556	500	40	40	40	40	35
586	530	40	40	40	40	35
600	544	40	40	40	40	35
626	570	40	40	40	36	30
656	600	40	40	40	36	30
676	620	40	40	40	36	30
750	694	40	40	40	33	27
756	700	40	40	40	33	27
786	730	40	40	40	33	27
856	800	40	40	35	28	23
876	820	40	40	35	28	23
900	844	40	35	35	28	23
926	870	40	35	35	28	23
1000	944	40	35	35	25	20
1200	1144	35	35	25	20	15
1500	1444	35	25	20	15	15
1656	1600	35	25	20	15	14
1800	1744	35	22	20	12	10
1856	1800	35	22	20	12	10
2000	1944	30	22	15	12	10
2056	2000	30	22	15	12	10
2200	2144	30	18	15	12	10
2500	2444	25	18	15	12	10

NIPPLING

The number of section/width is virtually unlimited. It is possible, in fact to obtain a bigger number of sections connecting the single radiators together (see Accessories).



Use only Cordivari Nipples.
The use of other nipples does not guarantee the sealing of the radiator and excludes the warranty.

All the batteries of the same height, can be joined together, starting from a minimum of 3 sections.

In the "joining operation" do not exceed the rate of 10 kg x meter. The special white silicon gasket guarantees a perfect hydraulic seal.

NOTE: ONLY USE CORDIVARI NIPPLES.

To make easier your daily work we have provided the standard configurations with reducing bushes and end caps already mounted. When ordering please specify the desired connection, otherwise, the radiator will be supplied without any configurations.

To order Accessories and fittings please consult page 508

STANDARD CONFIGURATIONS

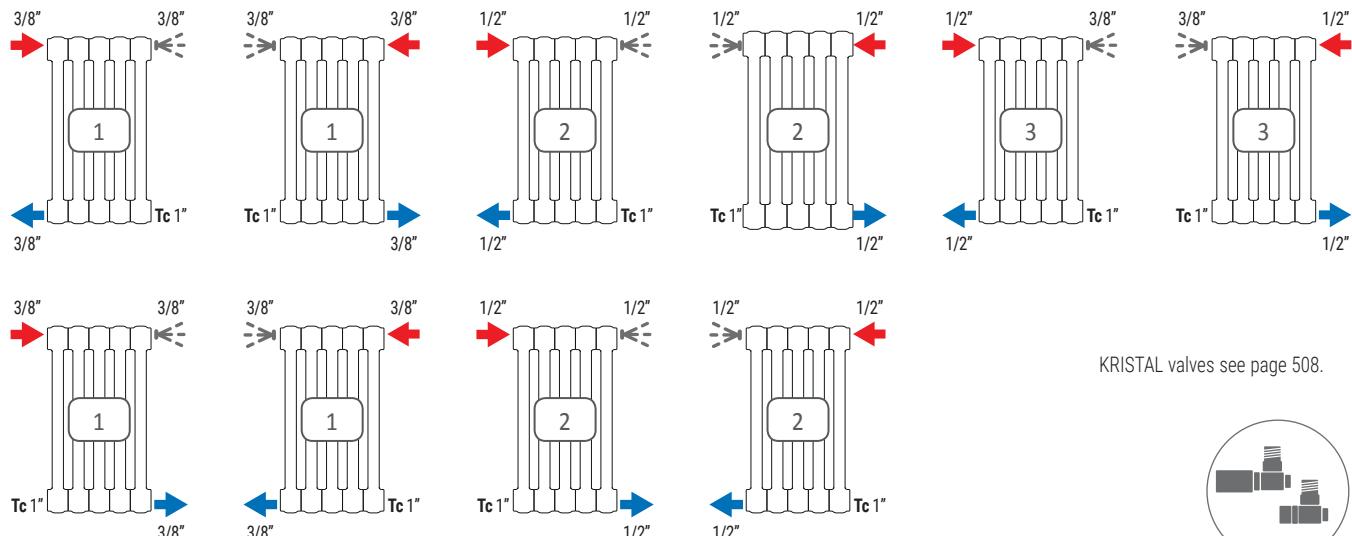
Standard configurations, "0" one and special executions excluded, include airvent end caps and bushes already mounted. It is necessary to specify the desired combination (example: 1,2,3,8,D,M,AS ecc...).

PLEASE NOTE: besides the configurations hereby presented, all configurations with diameters of 3/4" • 1/2" • 3/8" • 1/4" are available.

LEGENDA		
	In	
	Airvent	
	Movable Diverter	
	End cap	
	Bidirectional	

SIDE AND OPPOSITE CONNECTIONS

Without Surcharge - Airvent included

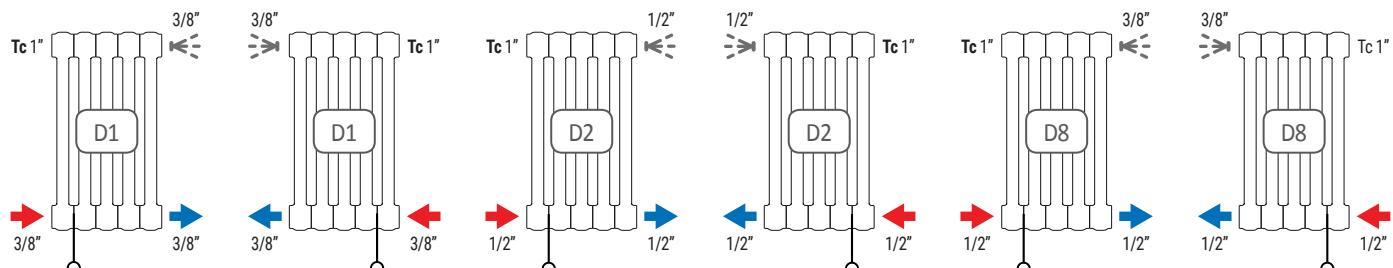


KRISTAL valves see page 508.



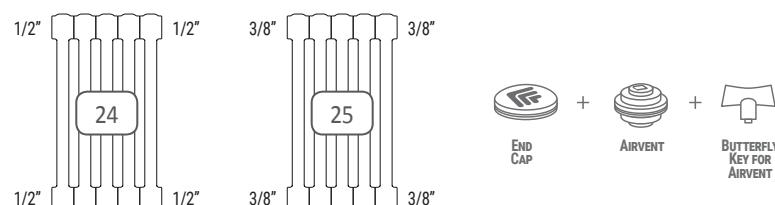
BOTTOM-SIDE CONNECTIONS

With surcharge - Airvent included



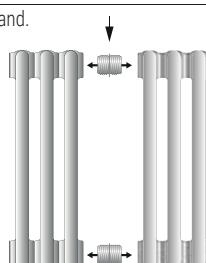
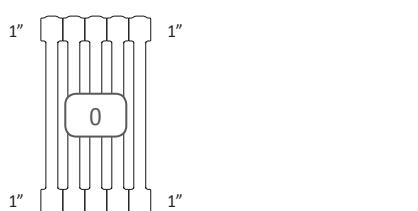
UNIVERSAL CONNECTIONS

Without Surcharge - Airvent included



CONNECTIONS FOR NIPPLING OPERATION

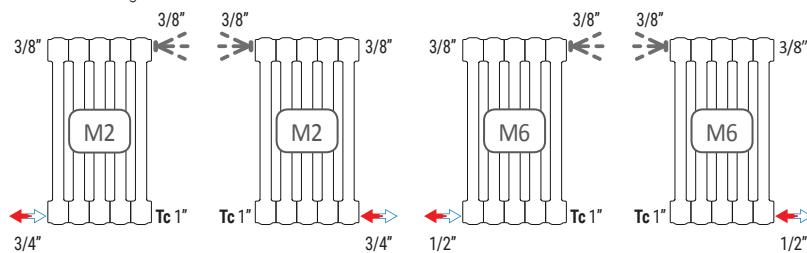
4 open connections with 1" threading end cap, reducing bushes and Airvent are supplied separately, on demand.



Ideal for wholesalers that wish to have a stock of radiators ready for use. The "0" connection for nippling operation allows to have batteries of several dimensions and with a basically endless number of heating sections thanks to the joining operation.

BIDIRECTIONAL CONNECTIONS

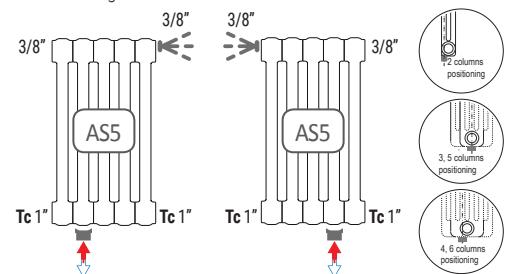
Without Surcharge - Airvent included



Valve Bidirectional Kristal Cordivari only for M6 bidirectional connection for batteries from 3 up to 20 sections.(see ACCESSORIES).

BIDIRECTIONAL CONNECTIONS

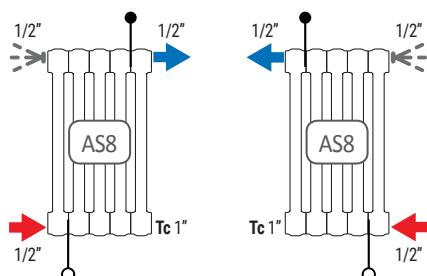
With surcharge - Airvent included



Bidirectional underneath connection placed on the second section

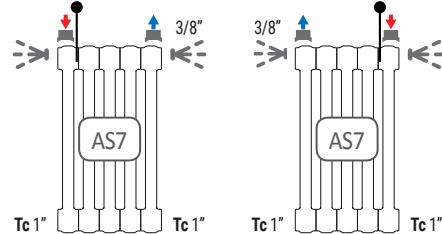
OPPOSITE SPECIAL CONNECTIONS

With surcharge - Airvent included



WITH UPPER SLEEVES CONNECTIONS

With surcharge - Airvent included

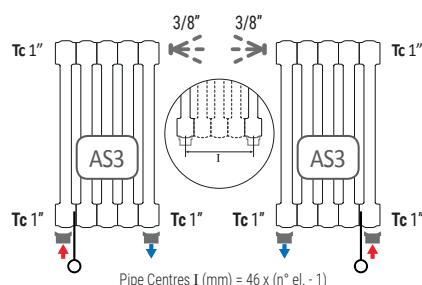


Pipe Centres I (mm) = 46 x (n° el. - 1)

UNDERNEATH WELDED SLEEVES CONNECTIONS

With surcharge

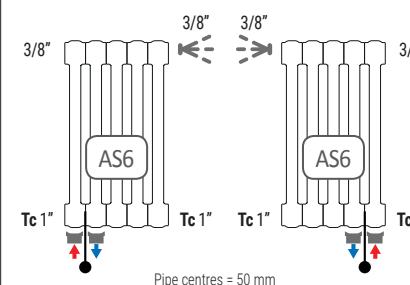
- Airvent included



Pipe centres different from standard are available on demand.

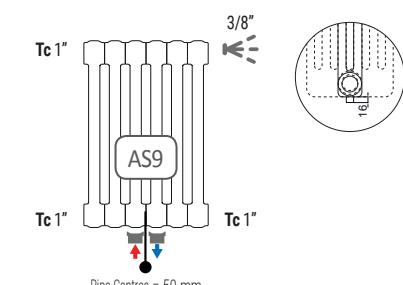
With surcharge

- Airvent included



With surcharge

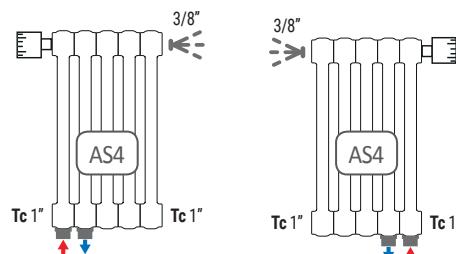
- Airvent included



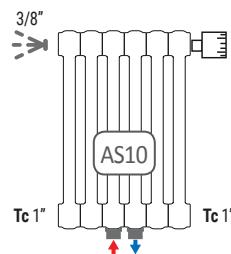
(available for even section batteries only)

WELDED UNDERNEATH SLEEVES WITH PIPE CENTRES 50 MM 1/2" AND THERMOSTATIC HEAD MOUNTED*

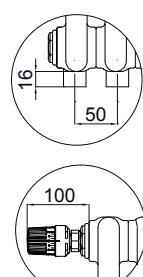
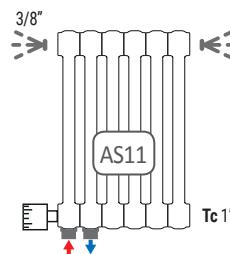
With surcharge



With surcharge



With surcharge



* Valve unit and Liquid thermostatic head Oventrop with liquidfunctioning in accordance with UNI EN 215:2007 regulation.

Height (mm)	COLUMNS				
	2	3	4	5	6
207					
$\Delta t 60 = [W]$	22,2	31,5	40,7	50,5	61,9
$\Delta t 50 = [W]$	17,5	24,8	32,0	39,7	48,7
$\Delta t 40 = [W]$	13,1	18,5	23,9	29,5	36,3
$\Delta t 30 = [W]$	9,0	12,7	16,3	20,1	24,8
Pipe Centres [mm]	151				
Water content [lt]	0,29	0,42	0,56	0,70	0,80
Dry Weight [kg]	0,35	0,53	0,71	0,89	1,07
Exp. [n]	1,303	1,314	1,317	1,329	1,318

Height (mm)	COLUMNS				
	2	3	4	5	6
300					
$\Delta t 60 = [W]$	32,1	43,7	58,9	71,9	86,1
$\Delta t 50 = [W]$	25,6	34,7	46,8	56,5	67,7
$\Delta t 40 = [W]$	19,4	26,1	35,3	42,1	50,4
$\Delta t 30 = [W]$	13,5	18,1	24,5	28,8	34,5
Pipe Centres [mm]	244				
Water content [lt]	0,37	0,54	0,72	0,90	1,10
Dry Weight [kg]	0,49	0,74	0,99	1,24	1,49
Exp. [n]	1,247	1,273	1,265	1,320	1,322

Height (mm)	COLUMNS				
	2	3	4	5	6
400					
$\Delta t 60 = [W]$	41,5	56,9	75,5	92,1	110,9
$\Delta t 50 = [W]$	33,0	45,1	59,8	72,4	87,3
$\Delta t 40 = [W]$	24,9	33,8	44,9	53,9	65,1
$\Delta t 30 = [W]$	17,3	23,4	31,1	36,8	44,6
Pipe Centres [mm]	344				
Water content [lt]	0,45	0,66	0,88	1,10	1,30
Dry Weight [kg]	0,63	0,95	1,27	1,59	1,92
Exp. [n]	1,261	1,284	1,280	1,323	1,313

Height (mm)	COLUMNS				
	2	3	4	5	6
500					
$\Delta t 60 = [W]$	50,6	69,9	91,7	111,7	134,7
$\Delta t 50 = [W]$	40,1	55,2	72,4	87,7	106,2
$\Delta t 40 = [W]$	30,2	41,4	54,2	65,3	79,3
$\Delta t 30 = [W]$	20,9	28,5	37,3	44,6	54,5
Pipe Centres [mm]	444				
Water content [lt]	0,53	0,79	1,04	1,30	1,60
Dry Weight [kg]	0,77	1,16	1,55	1,95	2,34
Exp. [n]	1,275	1,296	1,296	1,326	1,305

Height (mm)	COLUMNS				
	2	3	4	5	6
600					
$\Delta t 60 = [W]$	59,6	82,8	107,6	130,9	157,6
$\Delta t 50 = [W]$	47,1	65,2	84,7	102,7	124,5
$\Delta t 40 = [W]$	35,3	48,7	63,2	76,4	93,2
$\Delta t 30 = [W]$	24,4	33,5	43,4	52,1	64,2
Pipe Centres [mm]	544				
Water content [lt]	0,61	0,91	1,20	1,50	1,80
Dry Weight [kg]	0,91	1,37	1,84	2,30	2,76
Exp. [n]	1,289	1,307	1,312	1,329	1,296

Height (mm)	COLUMNS				
	2	3	4	5	6
750					
$\Delta t 60 = [W]$	73,2	101,9	131,3	159,2	190,7
$\Delta t 50 = [W]$	57,6	80,0	102,9	124,8	150,9
$\Delta t 40 = [W]$	43,0	59,6	76,4	92,7	113,3
$\Delta t 30 = [W]$	29,5	40,7	52,0	63,1	78,3
Pipe Centres [mm]	694				
Water content [lt]	0,73	1,09	1,44	1,80	2,20
Dry Weight [kg]	1,12	1,69	2,26	2,83	3,40
Exp. [n]	1,310	1,325	1,335	1,334	1,284

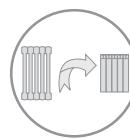
Height (mm)	COLUMNS				
	2	3	4	5	6
900					
$\Delta t 60 = [W]$	86,9	120,9	154,8	186,9	222,4
$\Delta t 50 = [W]$	68,1	94,6	120,8	146,4	176,4
$\Delta t 40 = [W]$	50,6	70,2	89,2	108,6	132,8
$\Delta t 30 = [W]$	34,5	47,7	60,4	73,9	92,1
Pipe Centres [mm]	844				
Water content [lt]	0,85	1,27	1,68	2,10	2,50
Dry Weight [kg]	1,33	2,01	2,68	3,36	4,03
Exp. [n]	1,331	1,342	1,359	1,339	1,271

Height (mm)	COLUMNS				
	2	3	4	5	6
1000					
$\Delta t 60 = [W]$	95,9	133,3	169,9	205,4	244,2
$\Delta t 50 = [W]$	75,2	104,3	132,7	160,6	192,9
$\Delta t 40 = [W]$	55,8	77,3	98,1	118,9	144,4
$\Delta t 30 = [W]$	38,0	52,5	66,4	80,7	99,5
Pipe Centres [mm]	944				
Water content [lt]	0,93	1,39	1,84	2,30	2,80
Dry Weight [kg]	1,48	2,22	2,96	3,71	4,46
Exp. [n]	1,335	1,345	1,355	1,348	1,296

Height (mm)	COLUMNS				
	2	3	4	5	6
1200					
$\Delta t 60 = [W]$	114,3	157,9	199,7	242,1	287,1
$\Delta t 50 = [W]$	89,5	123,5	156,2	188,8	224,7
$\Delta t 40 = [W]$	66,3	91,3	115,6	139,2	166,5
$\Delta t 30 = [W]$	45,1	61,9	78,5	93,9	113,1
Pipe Centres [mm]	1144				
Water content [lt]	1,09	1,63	2,17	2,70	3,20
Dry Weight [kg]	1,76	2,64	3,53	4,41	5,30
Exp. [n]	1,343	1,350	1,348	1,366	1,382

Height (mm)	COLUMNS				
	2	3	4	5	6
1500					
$\Delta t 60 = [W]$	212,3	276,9	352,1	416,7	469,6
$\Delta t 50 = [W]$	165,9	217,8	274,1	326,4	366,0
$\Delta t 40 = [W]$	122,6	162,3	201,7	242,0	269,7
$\Delta t 30 = [W]$	83,0	111,1	135,9	164,6	182,0
Pipe Centres [mm]	2144				
Water content [lt]	1,90	2,83	3,77	4,71	5,60
Dry Weight [kg]	3,17	4,76	6,35	7,94	9,53
Exp. [n]	1,355	1,318	1,374	1,341	1,367

Height (mm)	COLUMNS				
	2	3	4	5	6
2500					
$\Delta t 60 = [W]$	244,4	311,7	399,6	467,2	515,6
$\Delta t 50 = [W]$	190,9	245,9	310,2	367,4	403,4
$\Delta t 40 = [W]$	141,1	184,0	227,5	273,8	298,8
$\Delta t 30 = [W]$	95,5	126,6	152,5	187,4	202,9
Pipe Centres [mm]	2444				
Water content [lt]	2,14				



Height (mm)	COLUMNS				
	2	3	4	5	6
676					
Δt 60 = [W]	66,5	92,5	119,6	145,3	174,6
Δt 50 = [W]	52,4	72,8	94,0	114,0	138,0
Δt 40 = [W]	39,2	54,3	70,0	84,7	103,5
Δt 30 = [W]	27,0	37,2	47,8	57,7	71,4
Pipe Centres [mm]	620				
Water content [lt]	0,67	1,00	1,32	1,65	2,00
Dry Weight [kg]	1,02	1,53	2,05	2,57	3,09
Exp. [n]	1,299	1,316	1,324	1,332	1,290

Height (mm)	COLUMNS				
	2	3	4	5	6
876					
Δt 60 = [W]	84,7	117,8	151,0	182,5	217,4
Δt 50 = [W]	66,5	92,3	118,0	143,0	172,4
Δt 40 = [W]	49,4	68,5	87,2	106,1	129,7
Δt 30 = [W]	33,7	46,6	59,1	72,2	90,0
Pipe Centres [mm]	820				
Water content [lt]	0,83	1,24	1,65	2,05	2,50
Dry Weight [kg]	1,30	1,96	2,61	3,27	3,93
Exp. [n]	1,327	1,339	1,355	1,338	1,273

Height (mm)	COLUMNS				
	2	3	4	5	6
556					
Δt 60 = [W]	55,6	77,2	100,6	122,5	147,6
Δt 50 = [W]	44,0	60,9	79,3	96,2	116,5
Δt 40 = [W]	33,1	45,5	59,3	71,5	87,1
Δt 30 = [W]	22,9	31,3	40,7	48,8	60,0
Pipe Centres [mm]	500				
Water content [lt]	0,58	0,85	1,13	1,41	1,70
Dry Weight [kg]	0,85	1,28	1,71	2,14	2,58
Exp. [n]	1,283	1,302	1,305	1,328	1,300

Height (mm)	COLUMNS				
	2	3	4	5	6
656					
Δt 60 = [W]	64,7	90,0	116,5	141,5	170,2
Δt 50 = [W]	51,0	70,8	91,6	111,0	134,5
Δt 40 = [W]	38,2	52,8	68,2	82,5	100,8
Δt 30 = [W]	26,3	36,2	46,6	56,3	69,5
Pipe Centres [mm]	600				
Water content [lt]	0,66	0,97	1,29	1,61	1,90
Dry Weight [kg]	0,99	1,49	1,99	2,50	3,00
Exp. [n]	1,297	1,314	1,320	1,331	1,292

Height (mm)	COLUMNS				
	2	3	4	5	6
756					
Δt 60 = [W]	73,7	102,7	132,2	160,3	192,0
Δt 50 = [W]	58,0	80,6	103,6	125,7	152,0
Δt 40 = [W]	43,3	60,0	76,9	93,3	114,1
Δt 30 = [W]	29,7	41,0	52,4	63,6	78,9
Pipe Centres [mm]	700				
Water content [lt]	0,74	1,09	1,45	1,81	2,20
Dry Weight [kg]	1,13	1,70	2,28	2,85	3,42
Exp. [n]	1,311	1,325	1,336	1,335	1,283

Height (mm)	COLUMNS				
	2	3	4	5	6
856					
Δt 60 = [W]	82,8	115,3	147,9	178,8	213,2
Δt 50 = [W]	65,1	90,4	115,6	140,1	169,0
Δt 40 = [W]	48,4	67,1	85,5	103,9	127,2
Δt 30 = [W]	33,1	45,7	58,0	70,7	88,1
Pipe Centres [mm]	800				
Water content [lt]	0,82	1,21	1,61	2,01	2,40
Dry Weight [kg]	1,27	1,91	2,56	3,20	3,85
Exp. [n]	1,324	1,337	1,352	1,338	1,275

Height (mm)	COLUMNS				
	2	3	4	5	6
1656					
Δt 60 = [W]	157,6	213,2	268,0	324,0	378,0
Δt 50 = [W]	123,1	166,7	209,7	251,9	292,5
Δt 40 = [W]	91,0	123,3	155,3	185,1	213,7
Δt 30 = [W]	61,6	83,6	105,5	124,4	142,6
Pipe Centres [mm]	1600				
Water content [lt]	1,46	2,18	2,90	3,62	4,36
Dry Weight [kg]	2,40	3,61	4,81	6,02	7,23
Exp. [n]	1,355	1,350	1,346	1,381	1,407

Height (mm)	COLUMNS				
	2	3	4	5	6
1856					
Δt 60 = [W]	177,2	236,6	298,7	358,3	413,0
Δt 50 = [W]	138,4	185,5	233,3	279,3	320,4
Δt 40 = [W]	102,3	137,6	172,3	205,9	234,8
Δt 30 = [W]	69,3	93,6	116,7	139,0	157,3
Pipe Centres [mm]	1800				
Water content [lt]	1,62	2,42	3,22	4,02	4,84
Dry Weight [kg]	2,69	4,04	5,40	6,75	8,11
Exp. [n]	1,355	1,338	1,356	1,366	1,294

Height (mm)	COLUMNS				
	2	3	4	5	6
2056					
Δt 60 = [W]	197,4	260,1	329,6	392,4	446,4
Δt 50 = [W]	154,2	204,3	256,9	306,7	347,2
Δt 40 = [W]	114,0	151,9	189,4	226,9	255,3
Δt 30 = [W]	77,2	103,7	127,8	153,8	171,8
Pipe Centres [mm]	2000				
Water content [lt]	1,78	2,66	3,54	4,42	5,29
Dry Weight [kg]	2,98	4,47	5,96	7,45	8,95
Exp. [n]	1,355	1,326	1,366	1,351	1,281

Height (mm)	COLUMNS				
	2	3	4	5	6
926					
Δt 60 = [W]	89,2	124,1	158,7	191,7	228,1
Δt 50 = [W]	70,0	97,2	123,9	150,1	180,7
Δt 40 = [W]	52,0	72,0	91,5	111,3	135,9
Δt 30 = [W]	35,4	48,9	61,9	75,6	94,1
Pipe Centres [mm]	870				
Water content [lt]	0,78	1,26	1,70	2,13	2,56
Dry Weight [kg]	1,29	1,95	2,60	3,26	3,92
Exp. [n]	1,332	1,343	1,358	1,342	1,277

Height (mm)	COLUMNS				
	2	3	4	5	6
786					
Δt 60 = [W]	76,4	106,5	136,9	165,9	198,4
Δt 50 = [W]	60,1	83,6	107,2	130,0	157,1
Δt 40 = [W]	44,9	62,1	79,5	96,5	118,1
Δt 30 = [W]	30,7	42,4	54,1	65,7	81,7
Pipe Centres [mm]	730				
Water content [lt]	0,76				



ARDESIA® 2 COLUMNS



**WARRANTY
5 YEARS**

Functioning:	hot water
--------------	-----------

Maximun working pressure	10 bar
Testing conditions	13 bar

Maximum temperature	110°C
Minimum flow in % of the nominal flow rate:	18

Hub	1"
Section width	46 mm

MATERIAL:

- Pressed heads in carbon steel sheet.
- Welded carbon steel tube ø 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Standard white RAL 9010 - R01. Other colours surcharge 30%.

Colour chart: see page 540

CERTIFICATIONS



HOW TO ORDER ARDESIA® 2 COLUMNS

ARTICLE NR. STRUCTURE

Model and nr COLUMNS	Elements nr.	Height in mm	Article code of the connection	Article code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr COLUMNS E.g.: Ardesia® 2 COLUMNS	Numero elements E.g.: 19 elements	Height in mm Example: 207 mm	Article code of the connection Example: connection D1	Article code of the colour Example: H48-Dove	Constant value
AR2	19	0207	D01	H48	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR2 ... ARDESIA® 2 COLUMNS

19 ... 19 elements (see the table shown on the side)

0207 ... Height 207 mm (see the table shown on the side)

D01 ... connection D1 (see page 244)

H48 ... colour H48-Dove (see page 540)

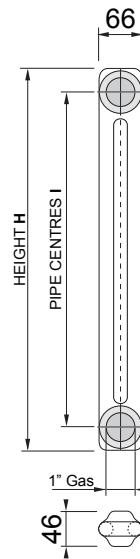
A ... (Constant value)

The article code will be:

AR2 19 0207 D01 H48 A

TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
Pipe Centres l [mm]	151	244	344	444	544	694	844	944	1144	1444	1744	1944	2144	2444
(90/70/20°C) ΔT 60 = W	22,2	32,1	41,5	50,6	59,6	73,2	86,9	95,9	114,3	142,6	171,7	191,7	212,3	244,4
(75/65/20°C) ΔT 50 = W	17,5	25,6	33	40,1	47,1	57,6	68,1	75,2	89,5	111,4	134,1	149,8	165,9	190,9
(65/55/20°C) ΔT 40 = W	13,1	19,4	24,9	30,2	35,3	43	50,6	55,8	66,3	82,3	99,1	110,7	122,6	141,1
(55/45/20°C) ΔT 30 = W	9	13,5	17,3	20,9	24,4	29,5	34,5	38	45,1	55,8	67,1	75	83	95,5
Water Content [lt]	0,29	0,37	0,45	0,53	0,61	0,73	0,85	0,93	1,09	1,33	1,58	1,74	1,9	2,14
Dry Weight [kg]	0,35	0,49	0,63	0,77	0,91	1,12	1,33	1,48	1,76	2,18	2,6	2,89	3,17	3,59
Exp. [n]	1,303	1,247	1,261	1,275	1,289	1,31	1,331	1,335	1,343	1,355	1,355	1,355	1,355	1,355
Nominal flow rate [kg/h]	1,5	2,2	2,8	3,4	4,1	5	5,9	6,5	7,7	9,6	11,5	12,9	14,3	16,4
Radiation quote [%]	30	25	25	25	24	24	24	24	23	23	22	22	22	22
Surface [m²]	0,03	0,05	0,06	0,08	0,09	0,12	0,14	0,15	0,18	0,23	0,28	0,31	0,34	0,38



2 COLUMNS STANDARD HEIGHTS

ardesia®

N° OF SECTIONS	WIDTH [mm]	HEIGHTS [mm]													
		207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
3		53	77	99	120	141	173	204	226	269	334	402	449	498	573
138 mm	W														
4		70	102	132	160	188	230	272	301	358	446	536	599	664	764
184 mm	W														
5															
230 mm	W	88	128	165	201	236	288	341	376	448	557	671	749	830	955
6															
276 mm	W	105	154	198	241	283	346	409	451	537	668	805	899	995	1145
7															
322 mm	W	123	179	231	281	330	403	477	526	627	780	939	1049	1161	1336
8															
368 mm	W	140	205	264	321	377	461	545	602	716	891	1073	1198	1327	1527
9															
414 mm	W	158	230	297	361	424	518	613	677	806	1003	1207	1348	1493	1718
10															
460 mm	W	175	256	330	401	471	576	681	752	895	1114	1341	1498	1659	1909
11															
506 mm	W	193	282	363	441	518	634	749	827	985	1225	1475	1648	1825	2100
12															
552 mm	W	210	307	396	481	565	691	817	902	1074	1337	1609	1798	1991	2291
13															
598 mm	W	228	333	429	521	612	749	885	978	1164	1448	1743	1947	2157	2482
14															
644 mm	W	245	358	462	561	659	806	953	1053	1253	1560	1877	2097	2323	2673
15															
690 mm	W	263	384	495	602	707	864	1022	1128	1343	1671	2012	2247	2489	2864
16															
736 mm	W	280	410	528	642	754	922	1090	1203	1432	1782	2146	2397	2654	3054
17															
782 mm	W	298	435	561	682	801	979	1158	1278	1522	1894	2280	2547	2820	3245
18															
828 mm	W	315	461	594	722	848	1037	1226	1354	1611	2005	2414	2696	2986	3436
19															
874 mm	W	333	486	627	762	895	1094	1294	1429	1701	2117	2548	2846	3152	3627
20															
920 mm	W	350	512	660	802	942	1152	1362	1504	1790	2228	2682	2996	3318	3818
21															
966 mm	W	368	538	693	842	989	1210	1430	1579	1880	2339	2816	3146	3484	4009
22															
1012 mm	W	385	563	726	882	1036	1267	1498	1654	1969	2451	2950	3296	3650	4200
23															
1058 mm	W	403	589	759	922	1083	1325	1566	1730	2059	2562	3084	3445	3816	4391
24															
1104 mm	W	420	614	792	962	1130	1382	1634	1805	2148	2674	3218	3595	3982	4582
25															
1150 mm	W	438	640	825	1003	1178	1440	1703	1880	2238	2785	3353	3745	4148	4773
26															
1196 mm	W	455	666	858	1043	1225	1498	1771	1955	2327	2896	3487	3895	4313	4963
27															
1242 mm	W	473	691	891	1083	1272	1555	1839	2030	2417	3008	3621	4045	4479	5154
28															
1288 mm	W	490	717	924	1123	1319	1613	1907	2106	2506	3119	3755	4194	4645	5345
29															
1344 mm	W	508	742	957	1163	1366	1670	1975	2181	2596	3231	3889	4344	4811	5536
30															
1380 mm	W	525	768	990	1203	1413	1728	2043	2256	2685	3342	4023	4494	4977	5727
31															
1426 mm	W	543	794	1023	1243	1460	1786	2111	2331	2775	3453	4157	4644	5143	5918
32															
1472 mm	W	560	819	1056	1283	1507	1843	2179	2406	2864	3565	4291	4794	5309	6109
33															
1518 mm	W	578	845	1089	1323	1554	1901	2247	2482	2954	3676	4425	4943	5475	6300
34															
1564 mm	W	595	870	1122	1363	1601	1958	2315	2557	3043	3788	4559	5093	5641	6491
35															
1610 mm	W	613	896	1155	1404	1649	2016	2384	2632	3133	3899	4694	5243	5807	6682
36															
1656 mm	W	630	922	1188	1444	1696	2074	2452	2707	3222	4010	4828	5393	5972	6872
37															
1702 mm	W	648	947	1221	1484	1743	2131	2520	2782	3312	4122	4962	5543	6138	7063
38															
1748 mm	W	665	973	1254	1524	1790	2189	2588	2858	3401	4233	5096	5692	6304	7254
39															
1794 mm	W	683	998	1287	1564	1837	2246	2656	2933	3491	4345	5230	5842	6470	7445
40															
1840 mm	W	700	1024	1320	1604	1884	2304	2724	3008	3580	4456	5364	5992	6636	7636

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt.
Each couple of batteries inclusive of 2 nipples and 2 seals. (With surcharge). For batteries with more than 85 sections with lateral connection, see probes kit at page 519



ARDESIA®

3 COLUMNS



page 14

WARRANTY
5 YEARS

Functioning:	hot water Electric (see page 332)	Maximun working pressure Testing conditions	10 bar 13 bar	Maximum temperature Minimum flow in % of the nominal flow rate:	110°C 18	Hub	1"
--------------	--------------------------------------	--	------------------	--	-------------	-----	----

MATERIAL:

- Pressed heads in carbon steel sheet.
- Welded carbon steel tube ø 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Standard white RAL 9010 - R01. Other colours surcharge 30%.

Colour chart: see page 540

CERTIFICATIONS

ELECTRIC VERSION
AVAILABLE.
SEE PAGE 332

HOW TO ORDER ARDESIA® 3 COLUMNS**ARTICLE NR. STRUCTURE**

Model and nr COLUMNS	Elements nr.	Height in mm	Article code of the connection	Article code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr COLUMNS E.g.: Ardesia® 3 COLUMNS	Numero elements E.g.: 21 elements	Height in mm Example: 750 mm	Article code of the connection Example: connection D8	Article code of the colour Example: R01-White	Constant value
AR3	21	0750	D08	R01	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR3 ARDESIA® 3 COLUMNS

21 21 elements (see the table shown on the side)

0750 Height 750 mm (see the table shown on the side)

D08 connection D8 (see page 244)

R01 colour R01-White (see page 540)

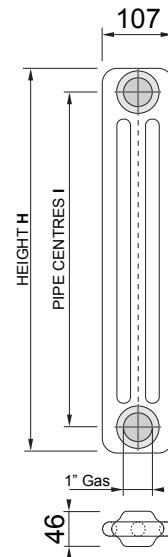
A (Constant value)

The article code will be:

AR3 21 0750 D08 R01 A

TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
Pipe Centres l [mm]	151	244	344	444	544	694	844	944	1144	1444	1744	1944	2144	2444
(90/70/20°C) ΔT 60 = W	31,5	43,7	56,9	69,9	82,8	101,9	120,9	133,3	157,9	194,6	230,1	253,6	276,9	311,7
(75/65/20°C) ΔT 50 = W	24,8	34,7	45,1	55,2	65,2	80	94,6	104,3	123,5	151,9	180,2	199	217,8	245,9
(65/55/20°C) ΔT 40 = W	18,5	26,1	33,8	41,4	48,7	59,6	70,2	77,3	91,3	112,2	133,6	147,9	162,3	184
(55/45/20°C) ΔT 30 = W	12,7	18,1	23,4	28,5	33,5	40,7	47,7	52,5	61,9	75,9	90,8	100,9	111,1	126,6
Water Content [lt]	0,42	0,54	0,66	0,79	0,91	1,09	1,27	1,39	1,63	1,99	2,35	2,59	2,83	3,19
Dry Weight [kg]	0,53	0,74	0,95	1,16	1,37	1,69	2,01	2,22	2,64	3,28	3,91	4,33	4,76	5,39
Exp. [n]	1,314	1,273	1,284	1,296	1,307	1,325	1,342	1,345	1,35	1,359	1,341	1,33	1,318	1,301
Nominal flow rate [kg/h]	2,1	3	3,9	4,7	5,6	6,9	8,1	9	10,6	13,1	15,5	17,1	18,7	21,1
Radiation quote [%]	23	23	23	22	22	21	21	21	21	20	20	19	19	18
Surface [m²]	0,05	0,07	0,1	0,12	0,14	0,18	0,21	0,23	0,28	0,35	0,41	0,46	0,5	0,57



3 COLUMNS STANDARD HEIGHTS

ardesia®

N° OF SECTIONS	WIDTH [mm]	HEIGHTS [mm]													
		207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
3		74	104	135	166	196	240	284	313	371	456	541	597	653	738
138 mm	W														
4		99	139	180	221	261	320	378	417	494	608	721	796	871	984
184 mm	W														
5															
230 mm	W	124	174	226	276	326	400	473	522	618	760	901	995	1089	1230
6															
276 mm	W	149	208	271	331	391	480	568	626	741	911	1081	1194	1307	1475
7															
322 mm	W	174	243	316	386	456	560	662	730	865	1063	1261	1393	1525	1721
8															
368 mm	W	198	278	361	442	522	640	757	834	988	1215	1442	1592	1742	1967
9															
414 mm	W	223	312	406	497	587	720	851	939	1112	1367	1622	1791	1960	2213
10															
460 mm	W	248	347	451	552	652	800	946	1043	1235	1519	1802	1990	2178	2459
11															
506 mm	W	273	382	496	607	717	880	1041	1147	1359	1671	1982	2189	2396	2705
12															
552 mm	W	298	416	541	662	782	960	1135	1252	1482	1823	2162	2388	2614	2951
13															
598 mm	W	322	451	586	718	848	1040	1230	1356	1606	1975	2343	2587	2831	3197
14															
644 mm	W	347	486	631	773	913	1120	1324	1460	1729	2127	2523	2786	3049	3443
15															
690 mm	W	372	521	677	828	978	1200	1419	1565	1853	2279	2703	2985	3267	3689
16															
736 mm	W	397	555	722	883	1043	1280	1514	1669	1976	2430	2883	3184	3485	3934
17															
782 mm	W	422	590	767	938	1108	1360	1608	1773	2100	2582	3063	3383	3703	4180
18															
828 mm	W	446	625	812	994	1174	1440	1703	1877	2223	2734	3244	3582	3920	4426
19															
874 mm	W	471	659	857	1049	1239	1520	1797	1982	2347	2886	3424	3781	4138	4672
20															
920 mm	W	496	694	902	1104	1304	1600	1892	2086	2470	3038	3604	3980	4356	4918
21															
966 mm	W	521	729	947	1159	1369	1680	1987	2190	2594	3190	3784	4179	4574	5164
22															
1012 mm	W	546	763	992	1214	1434	1760	2081	2295	2717	3342	3964	4378	4792	5410
23															
1058 mm	W	570	798	1037	1270	1500	1840	2176	2399	2841	3494	4145	4577	5009	5656
24															
1104 mm	W	595	833	1082	1325	1565	1920	2270	2503	2964	3646	4325	4776	5227	5902
25															
1150 mm	W	620	868	1128	1380	1630	2000	2365	2608	3088	3798	4505	4975	5445	6148
26															
1196 mm	W	645	902	1173	1435	1695	2080	2460	2712	3211	3949	4685	5174	5663	6393
27															
1242 mm	W	670	937	1218	1490	1760	2160	2554	2816	3335	4101	4865	5373	5881	6639
28															
1288 mm	W	694	972	1263	1546	1826	2240	2649	2920	3458	4253	5046	5572	6098	6885
29															
1344 mm	W	719	1006	1308	1601	1891	2320	2743	3025	3582	4405	5226	5771	6316	7131
30															
1380 mm	W	744	1041	1353	1656	1956	2400	2838	3129	3705	4557	5406	5970	6534	7377
31															
1426 mm	W	769	1076	1398	1711	2021	2480	2933	3233	3829	4709	5586	6169	6752	7623
32															
1472 mm	W	794	1110	1443	1766	2086	2560	3027	3338	3952	4861	5766	6368	6970	7869
33															
1518 mm	W	818	1145	1488	1822	2152	2640	3122	3442	4076	5013	5947	6567	7187	8115
34															
1564 mm	W	843	1180	1533	1877	2217	2720	3216	3546	4199	5165	6127	6766	7405	8361
35															
1610 mm	W	868	1215	1579	1932	2282	2800	3311	3651	4323	5317	6307	6965	7623	8607
36															
1656 mm	W	893	1249	1624	1987	2347	2880	3406	3755	4446	5468	6487	7164	7841	8852
37															
1702 mm	W	918	1284	1669	2042	2412	2960	3500	3859	4570	5620	6667	7363	8059	9098
38															
1748 mm	W	942	1319	1714	2098	2478	3040	3595	3963	4693	5772	6848	7562	8276	9344
39															
1794 mm	W	967	1353	1759	2153	2543	3120	3689	4068	4817	5924	7028	7761	8494	9590
40															
1840 mm	W	992	1388	1804	2208	2608	3200	3784	4172	4940	6076	7208	7960	8712	9836

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt.
Each couple of batteries inclusive of 2 nipples and 2 seals. (With surcharge). For batteries with more than 83 sections with lateral connection, see probes kit at page 519



ARDESIA®

4 COLUMNS



WARRANTY
5 YEARS

Functioning:	hot water
--------------	-----------

Maximun working pressure	10 bar
Testing conditions	13 bar

Maximum temperature	110°C
Minimum flow in % of the nominal flow rate:	18

Hub	1"
Section width	46 mm

MATERIAL:

- Pressed heads in carbon steel sheet.
- Welded carbon steel tube ø 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Standard white RAL 9010 - R01. Other colours surcharge 30%.

Colour chart: see page 540

CERTIFICATIONS

HOW TO ORDER ARDESIA® 4 COLUMNS
ARTICLE NR. STRUCTURE

Model and nr COLUMNS	Elements nr.	Height in mm	Article code of the connection	Article code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr COLUMNS E.g.: Ardesia® 4 COLUMNS	Numero elements E.g.: 12 elements	Height in mm Example: 1200 mm	Article code of the connection Example: connection M2	Article code of the colour Example: H04 - Ice	Constant value
AR4	12	1200	M02	H04	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR4 ARDESIA® 4 COLUMNS

12 12 elements (see the table shown on the side)

1200 Height 1200 mm (see the table shown on the side)

M02 connection M2 (see page 244)

H04 colour H04-Ice (see page 540)

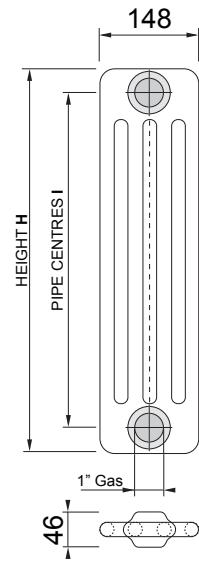
A (Constant value)

The article code will be:

AR4 12 1200 M02 H04 A

TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
Pipe Centres l [mm]	151	244	344	444	544	694	844	944	1144	1444	1744	1944	2144	2444
(90/70/20°C) ΔT 60 = W	40,7	58,9	75,5	91,7	107,6	131,3	154,8	169,9	199,7	244,3	290,1	320,9	352,1	399,6
(75/65/20°C) ΔT 50 = W	32	46,8	59,8	72,4	84,7	102,9	120,8	132,7	156,2	191,4	226,6	250,3	274,1	310,2
(65/55/20°C) ΔT 40 = W	23,9	35,3	44,9	54,2	63,2	76,4	89,2	98,1	115,6	142	167,6	184,6	201,7	227,5
(55/45/20°C) ΔT 30 = W	16,3	24,5	31,1	37,3	43,4	52	60,4	66,4	78,5	96,6	113,5	124,7	135,9	152,5
Water Content [lt]	0,56	0,72	0,88	1,04	1,2	1,44	1,68	1,84	2,17	2,65	3,13	3,45	3,77	4,25
Dry Weight [kg]	0,71	0,99	1,27	1,55	1,84	2,26	2,68	2,96	3,53	4,37	5,22	5,78	6,35	7,19
Exp. [n]	1,317	1,265	1,28	1,296	1,312	1,335	1,359	1,355	1,348	1,338	1,353	1,364	1,374	1,389
Nominal flow rate [kg/h]	2,8	4	5,1	6,2	7,3	8,8	10,4	11,4	13,4	16,5	19,5	21,5	23,6	26,7
Radiation quote [%]	20	20	19	19	19	19	18	18	18	17	17	16	16	15
Surface [m²]	0,07	0,1	0,13	0,16	0,19	0,23	0,28	0,31	0,37	0,46	0,55	0,61	0,67	0,76



4 COLUMNS STANDARD HEIGHTS

ardesia®

N° OF SECTIONS WIDTH [mm]	HEIGHTS [mm]														
	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500	
3															
138 mm	W	96	140	179	217	254	309	362	398	469	574	680	751	822	931
4															
184 mm	W	128	187	239	290	339	412	483	531	625	766	906	1001	1096	1241
5															
230 mm	W	160	234	299	362	424	515	604	664	781	957	1133	1252	1371	1551
6															
276 mm	W	192	281	359	434	508	617	725	796	937	1148	1360	1502	1645	1861
7															
322 mm	W	224	328	419	507	593	720	846	929	1093	1340	1586	1752	1919	2171
8															
368 mm	W	256	374	478	579	678	823	966	1062	1250	1531	1813	2002	2193	2482
9															
414 mm	W	288	421	538	652	762	926	1087	1194	1406	1723	2039	2253	2467	2792
10															
460 mm	W	320	468	598	724	847	1029	1208	1327	1562	1914	2266	2503	2741	3102
11															
506 mm	W	352	515	658	796	932	1132	1329	1460	1718	2105	2493	2753	3015	3412
12															
552 mm	W	384	562	718	869	1016	1235	1450	1592	1874	2297	2719	3004	3289	3722
13															
598 mm	W	416	608	777	941	1101	1338	1570	1725	2031	2488	2946	3254	3563	4033
14															
644 mm	W	448	655	837	1014	1186	1441	1691	1858	2187	2680	3172	3504	3837	4343
15															
690 mm	W	480	702	897	1086	1271	1544	1812	1991	2343	2871	3399	3755	4112	4653
16															
736 mm	W	512	749	957	1158	1355	1646	1933	2123	2499	3062	3626	4005	4386	4963
17															
782 mm	W	544	796	1017	1231	1440	1749	2054	2256	2655	3254	3852	4255	4660	5273
18															
828 mm	W	576	842	1076	1303	1525	1852	2174	2389	2812	3445	4079	4505	4934	5584
19															
874 mm	W	608	889	1136	1376	1609	1955	2295	2521	2968	3637	4305	4756	5208	5894
20															
920 mm	W	640	936	1196	1448	1694	2058	2416	2654	3124	3828	4532	5006	5482	6204
21															
966 mm	W	672	983	1256	1520	1779	2161	2537	2787	3280	4019	4759	5256	5756	6514
22															
1012 mm	W	704	1030	1316	1593	1863	2264	2658	2919	3436	4211	4985	5507	6030	6824
23															
1058 mm	W	736	1076	1375	1665	1948	2367	2778	3052	3593	4402	5212	5757	6304	7135
24															
1104 mm	W	768	1123	1435	1738	2033	2470	2899	3185	3749	4594	5438	6007	6578	7445
25															
1150 mm	W	800	1170	1495	1810	2118	2573	3020	3318	3905	4785	5665	6258	6853	7755
26															
1196 mm	W	832	1217	1555	1882	2202	2675	3141	3450	4061	4976	5892	6508	7127	8065
27															
1242 mm	W	864	1264	1615	1955	2287	2778	3262	3583	4217	5168	6118	6758	7401	8375
28															
1288 mm	W	896	1310	1674	2027	2372	2881	3382	3716	4374	5359	6345	7008	7675	8686
29															
1344 mm	W	928	1357	1734	2100	2456	2984	3503	3848	4530	5551	6571	7259	7949	8996
30															
1380 mm	W	960	1404	1794	2172	2541	3087	3624	3981	4686	5742	6798	7509	8223	9306
31															
1426 mm	W	992	1451	1854	2244	2626	3190	3745	4114	4842	5933	7025	7759	8497	9616
32															
1472 mm	W	1024	1498	1914	2317	2710	3293	3866	4246	4998	6125	7251	8010	8771	9926
33															
1518 mm	W	1056	1544	1973	2389	2795	3396	3986	4379	5155	6316	7478	8260	9045	10237
34															
1564 mm	W	1088	1591	2033	2462	2880	3499	4107	4512	5311	6508	7704	8510	9319	10547
35															
1610 mm	W	1120	1638	2093	2534	2965	3602	4228	4645	5467	6699	7931	8761	9594	10857
36															
1656 mm	W	1152	1685	2153	2606	3049	3704	4349	4777	5623	6890	8158	9011	9868	11167
37															
1702 mm	W	1184	1732	2213	2679	3134	3807	4470	4910	5779	7082	8384	9261	10142	11477
38															
1748 mm	W	1216	1778	2272	2751	3219	3910	4590	5043	5936	7273	8611	9511	10416	11788
39															
1794 mm	W	1248	1825	2332	2824	3303	4013	4711	5175	6092	7465	8837	9762	10690	12098
40															
1840 mm	W	1280	1872	2392	2896	3388	4116	4832	5308	6248	7656	9064	10012	10964	12408

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt.
Each couple of batteries inclusive of 2 nipples and 2 seals. (With surcharge). For batteries with more than 80 sections with lateral connection, see probes kit at page 519

ARDÉSIA®
TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

VENTILATED
RADIATORS

ACCESSORIES
AND TECHNICAL
SUPPORT

MY WAY®
SYSTEM



ARDESIA®

5 COLUMNS



WARRANTY
5 YEARS

Functioning:	hot water
--------------	-----------

Maximun working pressure	10 bar
Testing conditions	13 bar

Maximum temperature	110°C
Minimum flow in % of the nominal flow rate:	18

Hub	1"
Section width	46 mm

MATERIAL:

- Pressed heads in carbon steel sheet.
- Welded carbon steel tube ø 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Standard white RAL 9010 - R01. Other colours surcharge 30%.

Colour chart: see page 540

CERTIFICATIONS



HOW TO ORDER ARDESIA® 5 COLUMNS

ARTICLE NR. STRUCTURE

Model and nr COLUMNS	Elements nr.	Height in mm	Article code of the connection	Article code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr COLUMNS E.g.: Ardesia® 5 COLUMNS	Numero elements E.g.: 10 elements	Height in mm Example: 1800 mm	Article code of the connection Example: connection AS8	Article code of the colour Example: F37 - Denim Blue	Constant value
AR5	10	1800	AS8	F37	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR5 ARDESIA® 5 COLUMNS

10 10 elements (see the table shown on the side)

1800 Height 1800 mm (see the table shown on the side)

AS8 connection AS8 (see page 244)

F37 colour F37 - Denim Blue (see page 540)

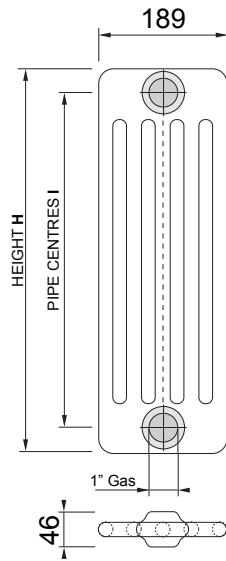
A (Constant value)

The article code will be:

AR5 10 1800 AS8 F37 A

TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
Pipe Centres l [mm]	151	244	344	444	544	694	844	944	1144	1444	1744	1944	2144	2444
(90/70/20°C) ΔT 60 = W	50,5	71,9	92,1	111,7	130,9	159,2	186,9	205,4	242,1	297	348,7	382,9	416,7	467,2
(75/65/20°C) ΔT 50 = W	39,7	56,5	72,4	87,7	102,7	124,8	146,4	160,6	188,8	230,4	271,6	299	326,4	367,4
(65/55/20°C) ΔT 40 = W	29,5	42,1	53,9	65,3	76,4	92,7	108,6	118,9	139,2	168,8	200,1	221	242	273,8
(55/45/20°C) ΔT 30 = W	20,1	28,8	36,8	44,6	52,1	63,1	73,9	80,7	93,9	113,1	134,9	149,6	164,6	187,4
Water Content [lt]	0,7	0,9	1,1	1,3	1,5	1,8	2,1	2,3	2,7	3,3	3,91	4,31	4,71	5,31
Dry Weight [kg]	0,89	1,24	1,59	1,95	2,3	2,83	3,36	3,71	4,41	5,47	6,53	7,23	7,94	9
Exp. [n]	1,329	1,32	1,323	1,326	1,329	1,334	1,339	1,348	1,366	1,393	1,37	1,356	1,341	1,318
Nominal flow rate [kg/h]	3,4	4,9	6,2	7,5	8,8	10,7	12,6	13,8	16,2	19,8	23,4	25,7	28,1	31,6
Radiation quote [%]	19	19	18	18	18	18	17	17	16	16	15	14	14	13
Surface [m²]	0,09	0,12	0,16	0,2	0,24	0,29	0,35	0,39	0,46	0,58	0,69	0,77	0,84	0,95



5 COLUMNS STANDARD HEIGHTS

ardesia®

N° OF SECTIONS	WIDTH [mm]	HEIGHTS [mm]													
		207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
3															
138 mm	W	119	170	217	263	308	374	439	482	566	691	815	897	979	1102
4															
184 mm	W	159	226	290	351	411	499	586	642	755	922	1086	1196	1306	1470
5															
230 mm	W	199	283	362	439	514	624	732	803	944	1152	1358	1495	1632	1837
6															
276 mm	W	238	339	434	526	616	749	878	964	1133	1382	1630	1794	1958	2204
7															
322 mm	W	278	396	507	614	719	874	1025	1124	1322	1613	1901	2093	2285	2572
8															
368 mm	W	318	452	579	702	822	998	1171	1285	1510	1843	2173	2392	2611	2939
9															
414 mm	W	357	509	652	789	924	1123	1318	1445	1699	2074	2444	2691	2938	3307
10															
460 mm	W	397	565	724	877	1027	1248	1464	1606	1888	2304	2716	2990	3264	3674
11															
506 mm	W	437	622	796	965	1130	1373	1610	1767	2077	2534	2988	3289	3590	4041
12															
552 mm	W	476	678	869	1052	1232	1498	1757	1927	2266	2765	3259	3588	3917	4409
13															
598 mm	W	516	735	941	1140	1335	1622	1903	2088	2454	2995	3531	3887	4243	4776
14															
644 mm	W	556	791	1014	1228	1438	1747	2050	2248	2643	3226	3802	4186	4570	5144
15															
690 mm	W	596	848	1086	1316	1541	1872	2196	2409	2832	3456	4074	4485	4896	5511
16															
736 mm	W	635	904	1158	1403	1643	1997	2342	2570	3021	3686	4346	4784	5222	5878
17															
782 mm	W	675	961	1231	1491	1746	2122	2489	2730	3210	3917	4617	5083	5549	6246
18															
828 mm	W	715	1017	1303	1579	1849	2246	2635	2891	3398	4147	4889	5382	5875	6613
19															
874 mm	W	754	1074	1376	1666	1951	2371	2782	3051	3587	4378	5160	5681	6202	6981
20															
920 mm	W	794	1130	1448	1754	2054	2496	2928	3212	3776	4608	5432	5980	6528	7348
21															
966 mm	W	834	1187	1520	1842	2157	2621	3074	3373	3965	4838	5704	6279	6854	7715
22															
1012 mm	W	873	1243	1593	1929	2259	2746	3221	3533	4154	5069	5975	6578	7181	8083
23															
1058 mm	W	913	1300	1665	2017	2362	2870	3367	3694	4342	5299	6247	6877	7507	8450
24															
1104 mm	W	953	1356	1738	2105	2465	2995	3514	3854	4531	5530	6518	7176	7834	8818
25															
1150 mm	W	993	1413	1810	2193	2568	3120	3660	4015	4720	5760	6790	7475	8160	9185
26															
1196 mm	W	1032	1469	1882	2280	2670	3245	3806	4176	4909	5990	7062	7774	8486	9552
27															
1242 mm	W	1072	1526	1955	2368	2773	3370	3953	4336	5098	6221	7333	8073	8813	9920
28															
1288 mm	W	1112	1582	2027	2456	2876	3494	4099	4497	5286	6451	7605	8372	9139	10287
29															
1344 mm	W	1151	1639	2100	2543	2978	3619	4246	4657	5475	6682	7876	8671	9466	10655
30															
1380 mm	W	1191	1695	2172	2631	3081	3744	4392	4818	5664	6912	8148	8970	9792	11022
31															
1426 mm	W	1231	1752	2244	2719	3184	3869	4538	4979	5853	7142	8420	9269	10118	11389
32															
1472 mm	W	1270	1808	2317	2806	3286	3994	4685	5139	6042	7373	8691	9568	10445	11757
33															
1518 mm	W	1310	1865	2389	2894	3389	4118	4831	5300	6230	7603	8963	9867	10771	12124
34															
1564 mm	W	1350	1921	2462	2982	3492	4243	4978	5460	6419	7834	9234	10166	11098	12492
35															
1610 mm	W	1390	1978	2534	3070	3595	4368	5124	5621	6608	8064	9506	10465	11424	12859
36															
1656 mm	W	1429	2034	2606	3157	3697	4493	5270	5782	6797	8294	9778	10764	11750	13226
37															
1702 mm	W	1469	2091	2679	3245	3800	4618	5417	5942	6986	8525	10049	11063	12077	13594
38															
1748 mm	W	1509	2147	2751	3333	3903	4742	5563	6103	7174	8755	10321	11362	12403	13961
39															
1794 mm	W	1548	2204	2824	3420	4005	4867	5710	6263	7363	8986	10592	11661	12730	14329
40															
1840 mm	W	1588	2260	2896	3508	4108	4992	5856	6424	7552	9216	10864	11960	13056	14696

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt.
Each couple of batteries inclusive of 2 nipples and 2 seals. (With surcharge). For batteries with more than 70 sections with lateral connection, see probes kit at page 519

ARDÉSIA®
TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

VENTILATED
RADIATORS

ACCESSORIES
AND TECHNICAL
SUPPORT

MY WAY®
SYSTEM



ARDESIA®

6 COLUMNS



WARRANTY
5 YEARS

Functioning:	hot water
--------------	-----------

Maximun working pressure	10 bar
Testing conditions	13 bar

Maximum temperature	110°C
Minimum flow in % of the nominal flow rate:	18

Hub	1"
Section width	46 mm

MATERIAL:

- Pressed heads in carbon steel sheet.
- Welded carbon steel tube ø 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Standard white RAL 9010 - R01. Other colours surcharge 30%.

Colour chart: see page 540

CERTIFICATIONS

HOW TO ORDER ARDESIA® 6 COLUMNS
ARTICLE NR. STRUCTURE

Model and nr COLUMNS	Elements nr.	Height in mm	Article code of the connection	Article code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr COLUMNS E.g.: Ardesia® 6 COLUMNS	Numero elements E.g.: 35 elements	Height in mm Example: 300 mm	Article code of the connection Example: connection 24	Article code of the colour Example: F36 - Terra	Constant value
AR6	35	0300	024	F36	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR6 ARDESIA® 6 COLUMNS

35 35 elements (see the table shown on the side)

0300 Height 300 mm (see the table shown on the side)

024 connection 24 (see page 244)

F36 colour F36 - Terra (see page 540)

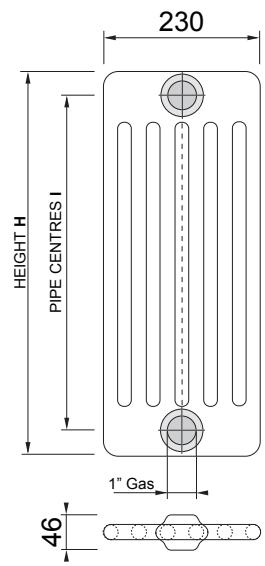
A (Constant value)

The article code will be:

AR6 35 0300 024 F36 A

TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
Pipe Centres l [mm]	151	244	344	444	544	694	844	944	1144	1444	1744	1944	2144	2444
(90/70/20°C) ΔT 60 = W	61,9	86,1	110,9	134,7	157,6	190,7	222,4	244,2	287,1	349,7	403,4	437,2	469,6	515,6
(75/65/20°C) ΔT 50 = W	48,7	67,7	87,3	106,2	124,5	150,9	176,4	192,9	224,7	270	312,7	339,8	366	403,4
(65/55/20°C) ΔT 40 = W	36,3	50,4	65,1	79,3	93,2	113,3	132,8	144,4	166,5	196,8	229	249,7	269,7	298,8
(55/45/20°C) ΔT 30 = W	24,8	34,5	44,6	54,5	64,2	78,3	92,1	99,5	113,1	130,8	153,2	167,8	182	202,9
Water Content [lt]	0,8	1,1	1,3	1,6	1,8	2,2	2,5	2,8	3,2	4	4,7	5,2	5,6	6,4
Dry Weight [kg]	1,07	1,49	1,92	2,34	2,76	3,4	4,03	4,46	5,3	6,57	7,84	8,69	9,53	10,8
Exp. [n]	1,318	1,322	1,313	1,305	1,296	1,284	1,271	1,296	1,345	1,418	1,396	1,382	1,367	1,345
Nominal flow rate [kg/h]	4,2	5,8	7,5	9,1	10,7	13	15,2	16,6	19,3	23,2	26,9	29,2	31,5	34,7
Radiation quote [%]	19	19	18	18	18	17	17	17	16	15	14	14	13	12
Surface [m²]	0,11	0,15	0,19	0,24	0,29	0,35	0,42	0,47	0,56	0,69	0,83	0,92	1,01	1,14



6 COLUMNS STANDARD HEIGHTS

ardesia®

N° OF SECTIONS	WIDTH [mm]	HEIGHTS [mm]													
		207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
3															
138 mm	W	146	203	262	319	374	453	529	579	674	810	938	1019	1098	1210
4															
184 mm	W	195	271	349	425	498	604	706	772	899	1080	1251	1359	1464	1614
5															
230 mm	W	244	339	437	531	623	755	882	965	1124	1350	1564	1699	1830	2017
6															
276 mm	W	292	406	524	637	747	905	1058	1157	1348	1620	1876	2039	2196	2420
7															
322 mm	W	341	474	611	743	872	1056	1235	1350	1573	1890	2189	2379	2562	2824
8															
368 mm	W	390	542	698	850	996	1207	1411	1543	1798	2160	2502	2718	2928	3227
9															
414 mm	W	438	609	786	956	1121	1358	1588	1736	2022	2430	2814	3058	3294	3631
10															
460 mm	W	487	677	873	1062	1245	1509	1764	1929	2247	2700	3127	3398	3660	4034
11															
506 mm	W	536	745	960	1168	1370	1660	1940	2122	2472	2970	3440	3738	4026	4437
12															
552 mm	W	584	812	1048	1274	1494	1811	2117	2315	2696	3240	3752	4078	4392	4841
13															
598 mm	W	633	880	1135	1381	1619	1962	2293	2508	2921	3510	4065	4417	4758	5244
14															
644 mm	W	682	948	1222	1487	1743	2113	2470	2701	3146	3780	4378	4757	5124	5648
15															
690 mm	W	731	1016	1310	1593	1868	2264	2646	2894	3371	4050	4691	5097	5490	6051
16															
736 mm	W	779	1083	1397	1699	1992	2414	2822	3086	3595	4320	5003	5437	5856	6454
17															
782 mm	W	828	1151	1484	1805	2117	2565	2999	3279	3820	4590	5316	5777	6222	6858
18															
828 mm	W	877	1219	1571	1912	2241	2716	3175	3472	4045	4860	5629	6116	6588	7261
19															
874 mm	W	925	1286	1659	2018	2366	2867	3352	3665	4269	5130	5941	6456	6954	7665
20															
920 mm	W	974	1354	1746	2124	2490	3018	3528	3858	4494	5400	6254	6796	7320	8068
21															
966 mm	W	1023	1422	1833	2230	2615	3169	3704	4051	4719	5670	6557	7136	7686	8471
22															
1012 mm	W	1071	1489	1921	2336	2739	3320	3881	4244	4943	5940	6879	7476	8052	8875
23															
1058 mm	W	1120	1557	2008	2443	2864	3471	4057	4437	5168	6210	7192	7815	8418	9278
24															
1104 mm	W	1169	1625	2095	2549	2988	3622	4234	4630	5393	6480	7505	8155	8784	9682
25															
1150 mm	W	1218	1693	2183	2655	3113	3773	4410	4823	5618	6750	7818	8495	9150	10085
26															
1196 mm	W	1266	1760	2270	2761	3237	3923	4586	5015	5842	7020	8130	8835	9516	10488
27															
1242 mm	W	1315	1828	2357	2867	3362	4074	4763	5208	6067	7290	8443	9175	9882	10892
28															
1288 mm	W	1364	1896	2444	2974	3486	4225	4939	5401	6292	7560	8756	9514	10248	11295
29															
1344 mm	W	1412	1963	2532	3080	3611	4376	5116	5594	6516	7830	9068	9854	10614	11699
30															
1380 mm	W	1461	2031	2619	3186	3735	4527	5292	5787	6741	8100	9381	10194	10980	12102
31															
1426 mm	W	1510	2099	2706	3292	3860	4678	5468	5980	6966	8370	9694	10534	11346	12505
32															
1472 mm	W	1558	2166	2794	3398	3984	4829	5645	6173	7190	8640	10006	10874	11712	12909
33															
1518 mm	W	1607	2234	2881	3505	4109	4980	5821	6366	7415	8910	10319	11213	12078	13312
34															
1564 mm	W	1656	2302	2968	3611	4233	5131	5998	6559	7640	9180	10632	11553	12444	13716
35															
1610 mm	W	1705	2370	3056	3717	4358	5282	6174	6752	7865	9450	10945	11893	12810	14119
36															
1656 mm	W	1753	2437	3143	3823	4482	5432	6350	6944	8089	9720	11257	12233	13176	14522
37															
1702 mm	W	1802	2505	3230	3929	4607	5583	6527	7137	8314	9990	11570	12573	13542	14926
38															
1748 mm	W	1851	2573	3317	4036	4731	5734	6703	7330	8539	10260	11883	12912	13908	15329
39															
1794 mm	W	1899	2640	3405	4142	4856	5885	6880	7523	8763	10530	12195	13252	14274	15733
40															
1840 mm	W	1948	2708	3492	4248	4980	6036	7056	7716	8988	10800	12508	13592	14640	16136

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt.
Each couple of batteries inclusive of 2 nipples and 2 seals. (With surcharge). For batteries with more than 55 sections with lateral connection, see probes kit at page 519



ARDESIA®

2 COLUMNS FOR REPLACEMENT



page 13

WARRANTY
5 YEARS

Functioning:	hot water
--------------	-----------

Maximun working pressure	10 bar
Testing conditions	13 bar

Maximum temperature	110°C
Minimum flow in % of the nominal flow rate:	18

Hub	1"
Section width	46 mm

MATERIAL:

- Pressed heads in carbon steel sheet.
- Welded carbon steel tube ø 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

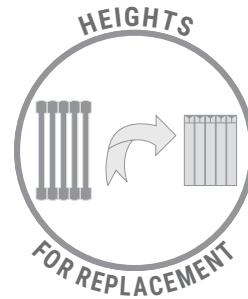
PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Standard white RAL 9010 - R01. Other colours surcharge 30%.

Colour chart: see page 540

CERTIFICATIONS**HOW TO ORDER ARDESIA® 2 COLUMNS****ARTICLE NR. STRUCTURE**

Model and nr COLUMNS	Elements nr.	Height in mm	Article code of the connection	Article code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr COLUMNS E.g.: Ardesia® 2 COLUMNS	Numero elements E.g.: 12 elements	Height in mm Example: 756 mm	Article code of the connection Example: connection 2	Article code of the colour Example: H48-Dove	Constant value
AR2	12	0756	002	H48	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR2 ARDESIA® 2 COLUMNS

12 12 elements (see the table shown on the side)

0756 Height 756 mm (see the table shown on the side)

002 connection 2 (see page 244)

H48 colour H48-Dove (see page 540)

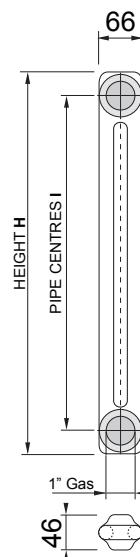
A (Constant value)

The article code will be:

AR2 12 0756 002 H48 A

TECHNICAL DATA PER SECTION

	CAST IRON			ALUMINIUM						LAMELLAR e PANEL				
Height H [mm]	676	876		556	656	756	856	1656	1856	2056	586	626	786	926
Pipe Centres I [mm]	620	820		500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) ΔT 60 = W	66,5	84,7		55,6	64,7	73,7	82,8	157,6	177,2	197,4	58,3	61,9	76,4	89,2
(75/65/20°C) ΔT 50 = W	52,4	66,5		44	51	58	65,1	123,1	138,4	154,2	46,1	48,9	60,1	70
(65/55/20°C) ΔT 40 = W	39,2	49,4		33,1	38,2	43,3	48,4	91	102,3	114	34,6	36,7	44,9	52
(55/45/20°C) ΔT 30 = W	27	33,7		22,9	26,3	29,7	33,1	61,6	69,3	77,2	23,9	25,3	30,7	35,4
Water Content [lt]	0,67	0,83		0,58	0,66	0,74	0,82	1,46	1,62	1,78	0,6	0,63	0,76	0,78
Dry Weight [kg]	1,02	1,3		0,85	0,99	1,13	1,27	2,4	2,69	2,98	0,89	0,95	1,18	1,29
Exp. [n]	1,299	1,327		1,283	1,297	1,311	1,324	1,355	1,355	1,355	1,287	1,292	1,315	1,332
Nominal flow rate [kg/h]	4,5	5,7		3,8	4,4	5	5,6	10,6	11,9	13,3	4	4,2	5,2	6
Radiation quote [%]	24	24		25	25	24	24	23	23	23	25	25	25	24
Surface [m²]	0,11	0,14		0,09	0,1	0,12	0,13	0,25	0,28	0,31	0,09	0,12	0,1	0,14



2 COLUMNS HEIGHTS FOR REPLACEMENT



Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. (With surcharge). For batteries with more than 85 sections with lateral connection, see probes kit at page 519



ARDESIA®

3 COLUMNS FOR REPLACEMENT



page 13

WARRANTY
5 YEARS

Functioning:	hot water
--------------	-----------

Maximun working pressure	10 bar
Testing conditions	13 bar

Maximum temperature	110°C
Minimum flow in % of the nominal flow rate:	18

Hub	1"
Section width	46 mm

MATERIAL:

- Pressed heads in carbon steel sheet.
- Welded carbon steel tube ø 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

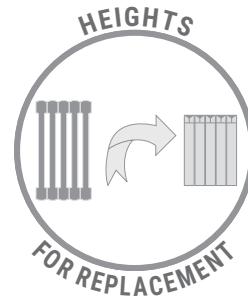
PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Standard white RAL 9010 - R01. Other colours surcharge 30%.

Colour chart: see page 540

CERTIFICATIONS**HOW TO ORDER ARDESIA® 3 COLUMNS****ARTICLE NR. STRUCTURE**

Model and nr COLUMNS	Elements nr.	Height in mm	Article code of the connection	Article code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr COLUMNS E.g.: Ardesia® 3 COLUMNS	Numero elements E.g.: 14 elements	Height in mm Example: 586 mm	Article code of the connection Example: connection 2	Article code of the colour Example: R01-White	Constant value
AR3	14	0586	002	R01	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR3 ARDESIA® 3 COLUMNS

14 14 elements (see the table shown on the side)

0586 Height 586 mm (see the table shown on the side)

002 connection 2 (see page 244)

R01 colour R01-White (see page 540)

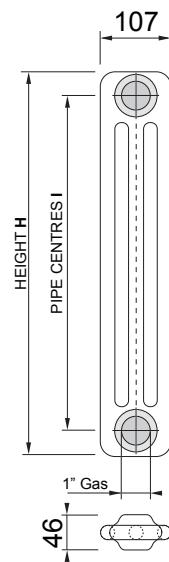
A (Constant value)

The article code will be:

AR3 14 0586 002 R01 A

TECHNICAL DATA PER SECTION

	CAST IRON			ALUMINIUM						LAMELLAR e PANEL				
Height H [mm]	676	876		556	656	756	856	1656	1856	2056	586	626	786	926
Pipe Centres I [mm]	620	820		500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) ΔT 60 = W	92,5	117,8		77,2	90	102,7	115,3	213,2	236,6	260,1	81	86,1	106,5	124,1
(75/65/20°C) ΔT 50 = W	72,8	92,3		60,9	70,8	80,6	90,4	166,7	185,5	204,3	63,8	67,8	83,6	97,2
(65/55/20°C) ΔT 40 = W	54,3	68,5		45,5	52,8	60	67,1	123,3	137,6	151,9	47,7	50,6	62,1	72
(55/45/20°C) ΔT 30 = W	37,2	46,6		31,3	36,2	41	45,7	83,6	93,6	103,7	32,8	34,7	42,4	48,9
Water Content [lt]	1	1,24		0,85	0,97	1,09	1,21	2,18	2,42	2,66	0,89	0,94	1,13	1,26
Dry Weight [kg]	1,53	1,96		1,28	1,49	1,7	1,91	3,61	4,04	4,47	1,34	1,43	1,77	1,95
Exp. [n]	1,316	1,339		1,302	1,314	1,325	1,337	1,35	1,338	1,326	1,306	1,31	1,329	1,343
Nominal flow rate [kg/h]	6,3	7,9		5,2	6,1	6,9	7,8	14,3	16	17,6	5,5	5,8	7,2	8,4
Radiation quote [%]	22	22		22	22	22	20	19	19	22	22	22	21	
Surface [m²]	0,16	0,2		0,13	0,15	0,18	0,2	0,38	0,43	0,47	0,14	0,15	0,18	0,22



3 COLUMNS HEIGHTS FOR REPLACEMENT

ardesia®

Nº OF SECTIONS WIDTH [mm]	CAST IRON		ALUMINIUM							LAMELLAR	PANEL			
	H	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
	Pipe Centres	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
3				183	212	242	271	500	557	613	191	203	251	292
138 mm	W	218	277	244	283	322	362	667	742	817	255	271	334	389
4				305	354	403	452	834	928	1022	319	339	418	486
184 mm	W	291	369	365	425	484	542	1000	1113	1226	383	407	502	583
5				426	496	564	633	1167	1299	1430	447	475	585	680
230 mm	W	364	462	487	566	645	723	1334	1484	1634	510	542	669	778
6				548	637	725	814	1500	1670	1839	574	610	752	875
276 mm	W	437	554	609	708	806	904	1667	1855	2043	638	678	836	972
7				670	779	887	994	1834	2041	2247	702	746	920	1069
322 mm	W	510	646	731	850	967	1085	2000	2226	2452	766	814	1003	1166
8				792	920	1048	1175	2167	2412	2656	829	881	1087	1264
368 mm	W	582	738	853	991	1128	1266	2334	2597	2860	893	949	1170	1361
9				914	1062	1209	1356	2501	2783	3065	957	1017	1254	1458
414 mm	W	655	831	974	1133	1290	1446	2667	2968	3269	1021	1085	1338	1555
10				1035	1204	1370	1537	2834	3154	3473	1085	1153	1421	1652
460 mm	W	728	923	1096	1274	1451	1627	3001	3339	3677	1148	1220	1505	1750
11				1157	1345	1531	1718	3167	3525	3882	1212	1288	1588	1847
506 mm	W	801	1015	1218	1416	1612	1808	3334	3710	4086	1276	1356	1672	1944
12				1279	1487	1693	1898	3501	3896	4290	1340	1424	1756	2041
552 mm	W	874	1108	1340	1558	1773	1989	3667	4081	4495	1404	1492	1839	2138
13				1401	1628	1854	2079	3834	4267	4699	1467	1559	1923	2236
598 mm	W	946	1200	1462	1699	1934	2170	4001	4452	4903	1531	1627	2006	2333
14				1523	1770	2015	2260	4168	4638	5108	1595	1695	2090	2430
644 mm	W	1019	1292	1583	1841	2096	2350	4334	4823	5312	1659	1763	2174	2527
15				1644	1912	2176	2441	4501	5009	5516	1723	1831	2257	2624
690 mm	W	1092	1385	1705	1982	2257	2531	4668	5194	5720	1786	1898	2341	2722
16				1766	2053	2337	2622	4834	5380	5925	1850	1966	2424	2819
736 mm	W	1165	1477	1827	2124	2418	2712	5001	5565	6129	1914	2034	2508	2916
17				1888	2195	2499	2802	5168	5751	6333	1978	2102	2592	3013
782 mm	W	1238	1569	1949	2266	2579	2893	5334	5936	6538	2042	2170	2675	3110
18				2010	2336	2660	2983	5501	6122	6742	2105	2237	2759	3208
828 mm	W	1310	1661	2071	2407	2740	3074	5668	6307	6946	2169	2305	2842	3305
19				2132	2478	2821	3164	5835	6493	7151	2233	2373	2926	3402
874 mm	W	1383	1754	2192	2549	2902	3254	6001	6678	7355	2297	2441	3010	3499
20				2253	2620	2982	3345	6168	6864	7559	2361	2509	3093	3596
920 mm	W	1456	1846	2314	2690	3063	3435	6335	7049	7763	2424	2576	3177	3694
21				2375	2761	3143	3526	6501	7235	7968	2488	2644	3260	3791
966 mm	W	1529	1938	2436	2832	3224	3616	6668	7420	8172	2552	2712	3344	3888
22														
1012 mm	W	1602	2031											
23														
1058 mm	W	1674	2123											
24														
1104 mm	W	1747	2215											
25														
1150 mm	W	1820	2308											
26														
1196 mm	W	1893	2400											
27														
1242 mm	W	1966	2492											
28														
1288 mm	W	2038	2584											
29														
1344 mm	W	2111	2677											
30														
1380 mm	W	2184	2769											
31														
1426 mm	W	2257	2861											
32														
1472 mm	W	2330	2954											
33														
1518 mm	W	2402	3046											
34														
1564 mm	W	2475	3138											
35														
1610 mm	W	2548	3231											
36														
1656 mm	W	2621	3323											
37														
1702 mm	W	2694	3415											
38														
1748 mm	W	2766	3507											
39														
1794 mm	W	2839	3600											
40														
1840 mm	W	2912	3692											

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt.
Each couple of batteries inclusive of 2 nipples and 2 seals. (With surcharge). For batteries with more than 83 sections with lateral connection, see probes kit at page 519

ARDÉSIA®

ELECTRIC RADIATORS

AND FAN HEATER

LIVING

DESIGN RADIATORS

VENTILATED

RADIATORS

ACCESSORIES

AND TECHNICAL

SUPPORT

MY WAY®

SYSTEM



ARDESIA®

4 COLUMNS FOR REPLACEMENT



WARRANTY
5 YEARS

Functioning:	hot water
--------------	-----------

Maximun working pressure	10 bar
Testing conditions	13 bar

Maximum temperature	110°C
Minimum flow in % of the nominal flow rate:	18

Hub	1"
Section width	46 mm

MATERIAL:

- Pressed heads in carbon steel sheet.
- Welded carbon steel tube ø 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

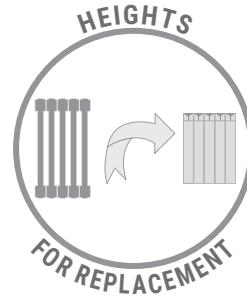
Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Standard white RAL 9010 - R01. Other colours surcharge 30%.

Colour chart: see page 540

CERTIFICATIONS



HOW TO ORDER ARDESIA® 4 COLUMNS

ARTICLE NR. STRUCTURE

Model and nr COLUMNS	Elements nr.	Height in mm	Article code of the connection	Article code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr COLUMNS E.g.: Ardesia® 4 COLUMNS	Numero elements E.g.: 18 elements	Height in mm Example: 876 mm	Article code of the connection Example: connection 2	Article code of the colour Example: H04 - Ice	Constant value
AR4	18	0876	002	H04	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR4 ... ARDESIA® 4 COLUMNS

18 ... 18 elements (see the table shown on the side)

0876 ... Height 876 mm (see the table shown on the side)

002 ... connection 2 (see page 244)

H04 ... colour H04-Ice (see page 540)

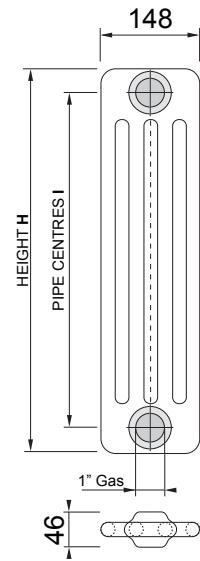
A ... (Constant value)

The article code will be:

AR4 18 0876 002 H04 A

TECHNICAL DATA PER SECTION

	CAST IRON			ALUMINIUM						LAMELLAR e PANEL			
Height H [mm]	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe Centres I [mm]	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) ΔT 60 = W	119,6	151	100,6	116,5	132,2	147,9	268	298,7	329,6	105,4	111,7	136,9	158,7
(75/65/20°C) ΔT 50 = W	94	118	79,3	91,6	103,6	115,6	209,7	233,3	256,9	83	87,9	107,2	123,9
(65/55/20°C) ΔT 40 = W	70	87,2	59,3	68,2	76,9	85,5	155,3	172,3	189,4	62	65,5	79,5	91,5
(55/45/20°C) ΔT 30 = W	47,8	59,1	40,7	46,6	52,4	58	105,5	116,7	127,8	42,5	44,9	54,1	61,9
Water Content [lt]	1,32	1,65	1,13	1,29	1,45	1,61	2,9	3,22	3,54	1,18	1,24	1,5	1,7
Dry Weight [kg]	2,05	2,61	1,71	1,99	2,28	2,56	4,81	5,4	5,96	1,79	1,91	2,37	2,6
Exp. [n]	1,324	1,355	1,305	1,32	1,336	1,352	1,346	1,356	1,366	1,309	1,316	1,341	1,358
Nominal flow rate [kg/h]	8,1	10,1	6,8	7,9	8,9	9,9	18	20,1	22,1	7,1	7,6	9,2	10,7
Radiation quote [%]	19	19	19	19	19	19	17	16	16	19	19	19	18
Surface [m²]	0,21	0,27	0,18	0,21	0,24	0,27	0,51	0,57	0,63	0,19	0,2	0,25	0,29



4 COLUMNS HEIGHTS FOR REPLACEMENT



Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. (With surcharge). For batteries with more than 80 sections with lateral connection, see probes kit at page 519



ARDESIA®

5 COLUMNS

FOR REPLACEMENT



page 18

WARRANTY
5 YEARS

Functioning:	hot water
--------------	-----------

Maximun working pressure	10 bar
Testing conditions	13 bar

Maximum temperature	110°C
Minimum flow in % of the nominal flow rate:	18

Hub	1"
Section width	46 mm

MATERIAL:

- Pressed heads in carbon steel sheet.
- Welded carbon steel tube ø 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

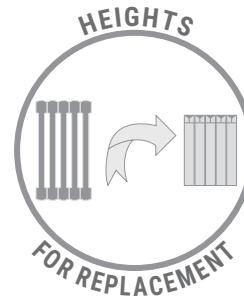
PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Standard white RAL 9010 - R01. Other colours surcharge 30%.

Colour chart: see page 540

CERTIFICATIONS**HOW TO ORDER ARDESIA® 5 COLUMNS****ARTICLE NR. STRUCTURE**

Model and nr COLUMNS	Elements nr.	Height in mm	Article code of the connection	Article code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr COLUMNS E.g.: Ardesia® 5 COLUMNS	Numero elements E.g.: 22 elements	Height in mm Example: 556 mm	Article code of the connection Example: connection 2	Article code of the colour Example: F37 - Denim Blue	Constant value
AR5	22	0556	002	F37	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR5 ... ARDESIA® 5 COLUMNS

22 ... 22 elements (see the table shown on the side)

0556 ... Height 556 mm (see the table shown on the side)

002 ... connection 2 (see page 244)

F37 ... colour F37 - Denim Blue (see page 540)

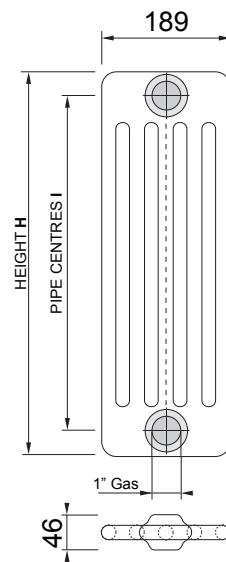
A ... (Constant value)

The article code will be:

AR5 22 0556 002 F37 A

TECHNICAL DATA PER SECTION

	CAST IRON		ALUMINIUM						LAMELLAR e PANEL				
Height H [mm]	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe Centres I [mm]	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) ΔT 60 = W	145,3	182,5	122,5	141,5	160,3	178,8	324	358,3	392,4	128,3	135,9	165,9	191,7
(75/65/20°C) ΔT 50 = W	114	143	96,2	111	125,7	140,1	251,9	279,3	306,7	100,7	106,6	130	150,1
(65/55/20°C) ΔT 40 = W	84,7	106,1	71,5	82,5	93,3	103,9	185,1	205,9	226,9	74,8	79,2	96,5	111,3
(55/45/20°C) ΔT 30 = W	57,7	72,2	48,8	56,3	63,6	70,7	124,4	139	153,8	51,1	54	65,7	75,6
Water Content [lt]	1,65	2,05	1,41	1,61	1,81	2,01	3,62	4,02	4,42	1,47	1,55	1,87	2,13
Dry Weight [kg]	2,57	3,27	2,14	2,5	2,85	3,2	6,02	6,75	7,45	2,24	2,39	2,97	3,26
Exp. [n]	1,332	1,338	1,328	1,331	1,335	1,338	1,381	1,366	1,351	1,329	1,33	1,335	1,342
Nominal flow rate [kg/h]	9,8	12,3	8,3	9,5	10,8	12	21,7	24	26,4	8,7	9,2	11,2	12,9
Radiation quote [%]	18	17	18	18	18	17	15	15	14	18	18	17	17
Surface [m²]	0,27	0,34	0,22	0,26	0,3	0,33	0,64	0,71	0,79	0,23	0,25	0,31	0,36



5 COLUMNS HEIGHTS FOR REPLACEMENT



Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. (With surcharge). For batteries with more than 70 sections with lateral connection, see probes kit at page 519



ARDESIA®

6 COLUMNS

FOR REPLACEMENT



page 18

WARRANTY
5 YEARS

Functioning:	hot water
--------------	-----------

Maximun working pressure	10 bar
Testing conditions	13 bar

Maximum temperature	110°C
Minimum flow in % of the nominal flow rate:	18

Hub	1"
Section width	46 mm

MATERIAL:

- Pressed heads in carbon steel sheet.
- Welded carbon steel tube ø 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

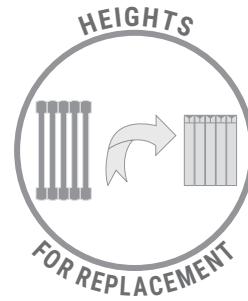
PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Standard white RAL 9010 - R01. Other colours surcharge 30%.

Colour chart: see page 540

CERTIFICATIONS**HOW TO ORDER ARDESIA® 6 COLUMNS****ARTICLE NR. STRUCTURE**

Model and nr COLUMNS	Elements nr.	Height in mm	Article code of the connection	Article code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr COLUMNS E.g.: Ardesia® 6 COLUMNS	Numero elements E.g.: 18 elements	Height in mm Example: 676 mm	Article code of the connection Example: connection 2	Article code of the colour Example: F36 - Terra	Constant value
AR6	18	0676	002	F36	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR6 ... ARDESIA® 6 COLUMNS

18 ... 18 elements (see the table shown on the side)

0676 ... Height 676 mm (see the table shown on the side)

002 ... connection 2 (see page 244)

F36 ... colour F36 - Terra (see page 540)

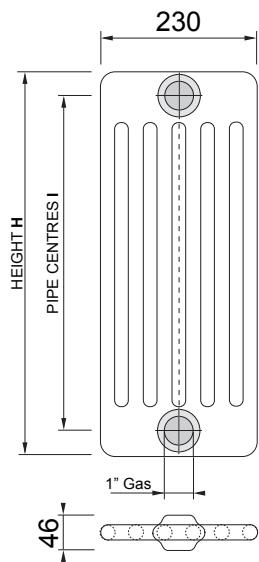
A ... (Constant value)

The article code will be:

AR6 18 0676 002 F36 A

TECHNICAL DATA PER SECTION

	CAST IRON		ALUMINIUM						LAMELLAR e PANEL				
Height H [mm]	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe Centres l [mm]	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) ΔT 60 = W	174,6	217,4	147,6	170,2	192	213,2	378	413	446,4	154,5	163,5	198,4	228,1
(75/65/20°C) ΔT 50 = W	138	172,4	116,5	134,5	152	169	292,5	320,4	347,2	121,9	129,1	157,1	180,7
(65/55/20°C) ΔT 40 = W	103,5	129,7	87,1	100,8	114,1	127,2	213,7	234,8	255,3	91,3	96,7	118,1	135,9
(55/45/20°C) ΔT 30 = W	71,4	90	60	69,5	78,9	88,1	142,6	157,3	171,8	62,8	66,7	81,7	94,1
Water Content [lt]	2	2,5	1,7	1,9	2,2	2,4	4,36	4,84	5,29	1,77	1,85	2,25	2,56
Dry Weight [kg]	3,09	3,93	2,58	3	3,42	3,85	7,23	8,11	8,95	2,7	2,87	3,56	3,92
Exp. [n]	1,29	1,273	1,3	1,292	1,283	1,275	1,407	1,392	1,378	1,298	1,294	1,281	1,277
Nominal flow rate [kg/h]	11,9	14,8	10	11,6	13,1	14,5	25,2	27,6	29,9	10,5	11,1	13,5	15,5
Radiation quote [%]	18	17	18	18	17	17	15	14	13	18	18	17	17
Surface [m²]	0,32	0,41	0,27	0,31	0,36	0,4	0,76	0,85	0,94	0,28	0,3	0,37	0,43



6 COLUMNS HEIGHTS FOR REPLACEMENT



Nº OF SECTIONS WIDTH [mm]		CAST IRON	
	H	676	876
	Pipe Centres	620	820
3			
138 mm	W	414	517
4			
184 mm	W	552	690
5			
230 mm	W	690	862
6			
276 mm	W	828	1034
7			
322 mm	W	966	1207
8			
368 mm	W	1104	1379
9			
414 mm	W	1242	1552
10			
460 mm	W	1380	1724
11			
506 mm	W	1518	1896
12			
552 mm	W	1656	2069
13			
598 mm	W	1794	2241
14			
644 mm	W	1932	2414
15			
690 mm	W	2070	2586
16			
736 mm	W	2208	2758
17			
782 mm	W	2346	2931
18			
828 mm	W	2484	3103
19			
874 mm	W	2622	3276
20			
920 mm	W	2760	3448
21			
966 mm	W	2898	3620
22			
1012 mm	W	3036	3793
23			
1058 mm	W	3174	3965
24			
1104 mm	W	3312	4138
25			
1150 mm	W	3450	4310
26			
1196 mm	W	3588	4482
27			
1242 mm	W	3726	4655
28			
1288 mm	W	3864	4827
29			
1344 mm	W	4002	5000
30			
1380 mm	W	4140	5172
31			
1426 mm	W	4278	5344
32			
1472 mm	W	4416	5517
33			
1518 mm	W	4554	5689
34			
1564 mm	W	4692	5862
35			
1610 mm	W	4830	6034
36			
1656 mm	W	4968	6206
37			
1702 mm	W	5106	6379
38			
1748 mm	W	5244	6551
39			
1794 mm	W	5382	6724
40			
1840 mm	W	5520	6896

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt.
Each couple of batteries inclusive of 2 nipples and 2 seals. (With surcharge). For batteries with more than 55 sections with lateral connection, see probes kit at page 519

ACCESSORIES AND TECHNICAL SUPPORT	MY WAY® SYSTEM	VENTILATED RADIATORS	DESIGN RADIATORS	LIVING	INOX RANGE AND FAN HEATER	TOWEL RAILS	ARDÉSIA®
586	626	786	926	1097	1414	1162	1626
530	570	730	870	1219	1571	1291	1807
366	471	387	542	1341	1728	1420	1988
488	628	516	723	1463	1885	1549	2168
610	786	646	904	1585	2042	1678	2349
731	943	775	1084	1707	2199	1807	2530
853	1100	904	1265	1829	2357	1937	2711
975	1257	1033	1446	1950	2514	2066	2891
2072	2671	2195	3072	2194	2828	2324	3253
2926	3770	3098	4337	3048	3928	3228	4518
3169	4085	3357	4698	3291	4242	3486	4879
3291	4242	3486	4879	3413	4399	3615	5060
3535	4556	3744	5240	3657	4713	3873	5421
3657	4713	3873	5421	3779	4870	4002	5602
3901	5027	4131	5782	4023	5184	4260	5963
4145	5341	4389	6144	4267	5499	4519	6325
4388	5656	4648	6505	4510	5813	4777	6686
4632	5970	4906	6867	4754	6127	5035	7047
4876	6284	5164	7228				



ARDESIA® BENCH



page 25

WARRANTY
5 YEARS

Functioning:	hot water
--------------	-----------

Maximum working pressure	10 bar
Testing conditions	13 bar

Maximum temperature	110°C
Minimum flow in % of the nominal flow rate:	18

Hub	1"
Section width	46 mm

MATERIAL:

- Heads moulded in mild steel plate.
- Tubes in mild steel electro-welded ø 25 mm.
- Seat in solid wood 25 mm thickness

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

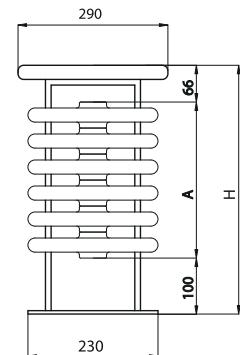
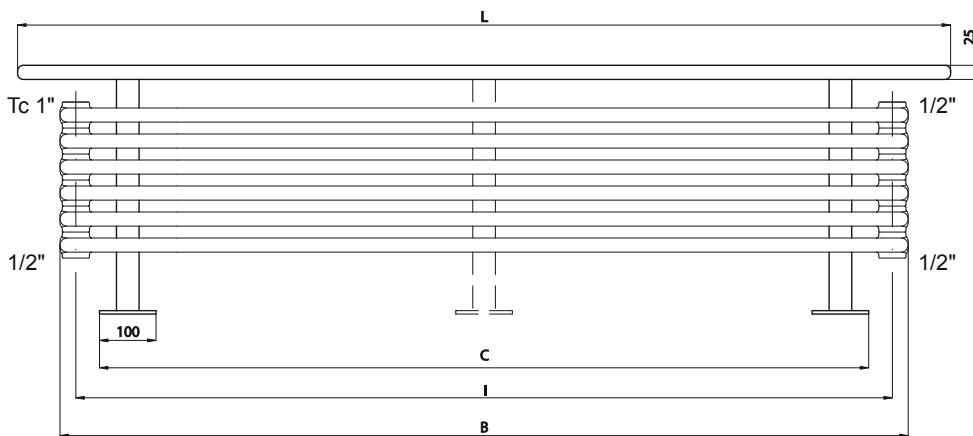
Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

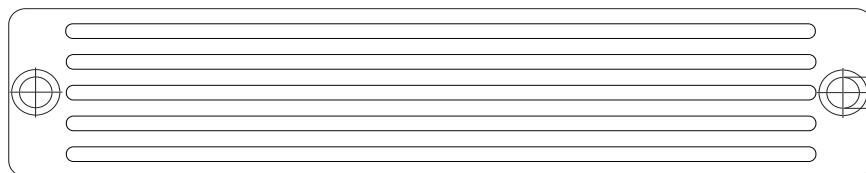
Standard white RAL 9010 - R01. Other colours surcharge 30%.

Colour chart: see page 540

CERTIFICATIONS



A third feet is provided from L 1950 mm as additional central support.



Top view - single 6 column section

ARDESIA® BENCH 6 COLUMNS

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

Art. nr.	Height H [mm]	Width L [mm]	Nr. Elements	Pipe Centres l [mm]	A [mm]	B [mm]	C [mm]	Dry Weight [Kg]	Water content [lt]	Output Δt=50°C		Output Δt=60°C		Exp. n	
										Watt	kcal/h *	Watt	kcal/h *		
3541706109507	350	4	4	650	444	184	500	350	28	6,4	424	365	540	464	1,348
3541706109508				806	600	184	656	506	32	7,6	536	461	685	589	1,346
3541706109509				1006	800	184	856	706	38	9,6	676	581	864	743	1,343
3541706109489				1350	1144	184	1200	1050	45	13,0	900	744	1149	988	1,337
3541706109490				1650	1444	184	1500	1350	53	15,8	1080	929	1377	1184	1,333
3541706109491				1950	1744	184	1800	1650	62	18,7	1252	1077	1595	1372	1,328
3541706109492				2150	1944	184	2000	1850	71	20,7	1360	1170	1732	1489	1,325
3541706109493				2350	2144	184	2200	2050	77	22,6	1464	1259	1863	1602	1,322
3541706109494				2650	2444	184	2500	2350	86	25,5	1612	1386	2050	1763	1,317
3541706109510	396	5	5	650	444	230	500	350	31	8,0	530	456	678	583	1,348
3541706109511				806	600	230	656	506	36	9,5	670	576	856	736	1,346
3541706109512				1006	800	230	856	706	43	12,0	845	727	1079	928	1,343
3541706109495				1350	1144	230	1200	1050	51	16,2	1125	968	1436	1235	1,337
3541706109496				1650	1444	230	1500	1350	61	19,8	1350	1161	1721	1480	1,333
3541706109497				1950	1744	230	1800	1650	70	23,4	1565	1346	1994	1715	1,328
3541706109498				2150	1944	230	2000	1850	81	25,8	1770	1462	2165	1862	1,325
3541706109499				2350	2144	230	2200	2050	88	28,2	1830	1574	2329	2003	1,322
3541706109500				2650	2444	230	2500	2350	98	31,8	2015	1733	2562	2203	1,317
3541706109513	442	6	6	650	444	276	500	350	34	9,6	636	547	810	697	1,348
3541706109514				806	600	276	656	506	40	11,4	804	691	1028	884	1,346
3541706109515				1006	800	276	856	706	48	14,4	1014	872	1296	1115	1,343
3541706109501				1350	1144	276	1200	1050	57	19,4	1350	1161	1723	1482	1,337
3541706109502				1650	1444	276	1500	1350	68	23,8	1620	1393	2066	1776	1,333
3541706109503				1950	1744	276	1800	1650	79	28,1	1878	1615	2393	2058	1,328
3541706109504				2150	1944	276	2000	1850	91	31,0	2040	1754	2597	2234	1,325
3541706109505				2350	2144	276	2200	2050	98	33,9	2196	1889	2795	2403	1,322
3541706109506				2650	2444	276	2500	2350	109	38,2	2418	2079	3074	2644	1,317

ARDESIA®
ARDENIA

TOWEL RAILS
ELECTRIC RADIATORS
AND FAN HEATER
INOX RANGE

LIVING
DESIGN RADIATORS
VENTILATED
RADIATORS

ACCESSORIES
AND TECHNICAL
SUPPORT
MY WAY®
SYSTEM
MODELS FOR
REPLACEMENT



ARDESIA® HYGIENIC

WARRANTY
5 YEARS

Functioning:	hot water
--------------	-----------

Maximun working pressure	10 bar
Testing conditions	13 bar

Maximum temperature	110°C
Minimum flow in % of the nominal flow rate:	18

Hub	1"
Section width	65 mm

MATERIAL:

- Pressed heads in carbon steel sheet.
- Welded carbon steel tube ø 25 mm.
- Space rings between sections welded with robotized technology of PULSED SPRAY WELDING.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

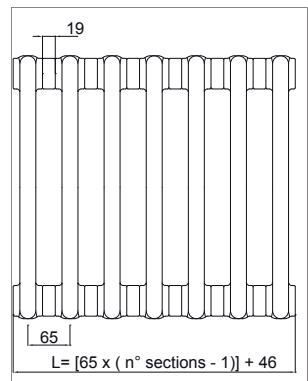
COLOURS:

Standard white RAL 9010 - R01. Other colours surcharge 30%. Colour chart: see page 540

CERTIFICATIONS



Space rings between sections welded with robotized technology of PULSED SPRAY WELDING



On demand, it is possible to realize ardesia in hygienic version, with all connections, heights, dimensions and finishing. This execution extends the water content of Ardesia® to be applied also to sanitary and community centers subject to severe norms for hygiene in heating systems.

The space between the sections has been conceived to facilitate an accurate cleaning on all radiator surface. For additional informations feel free to contact our sales department.

HOW TO ORDER ARDESIA® HYGIENIC

ARTICLE NR. STRUCTURE

Model and nr COLUMNS	Elements nr.	Height in mm	Article code of the connection	Article code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr COLUMNS E.g.: Ardesia® Hygienic 3 COLUMNS	Numero elements E.g.: 19 elements	Height in mm Example: 207 mm	Article code of the connection Example: connection D1	Article code of the colour Example: H48-Dove	Constant value
AH3	19	0207	D01	H48	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AH3 ARDESIA® HYGIENC 3 COLUMNS

19 19 elements (see the table shown on the side)

0207 Height 207 mm (see the table shown on the side)

D01 connection D1 (see page 244)

H48 colour H48-Dove (see page 540)

A (Constant value)

The article code will be:

AH3 19 0207 D01 H48 A

TECHNICAL DATA PER SECTION (at least 3 elements)

2 COLUMNS



Height
[mm]

- 207
- 300
- 400
- 500
- 600
- 750
- 900
- 1000
- 1200
- 1500
- 1800
- 2000
- 2200
- 2500

3 COLUMNS



AH3

4 COLUMNS



AH4

5 COLUMNS



AH5

6 COLUMNS



AH6



ARDESIA® SPECIAL EXECUTIONS



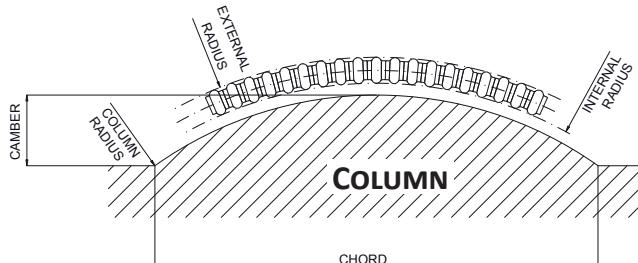
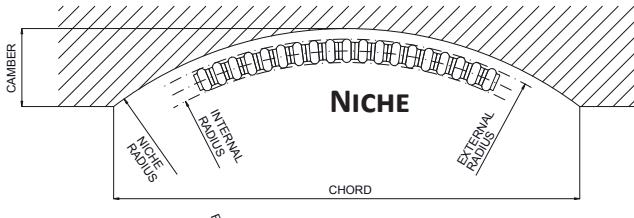
WARRANTY
5 YEARS

ARDESIA® CURVED

Among all special executions, the ardesia Curved model is the ideal solution for the installation around a column or within a wall niche.

Curved batteries are realizable on demand with the following minimum internal bending: Minimum internal bending: 1000 mm for 2 and 3 columns - 1300 mm for 4, 5 and 6 columns..

The development of the battery can not exceed the semi-circumference, that is the angle covered by the curve needs to be less than 180°



HOW TO ORDER

When sending the order please specify:

- N. of columns • N. of sections • Height.
 - Radius and Chord as indicated in below technical drawing.
 - Type of connections.
- With surcharge

ARDESIA® ANGLED

On demand it is possible to realize customised batteries of Ardesia® Angled.



HOW TO ORDER

When ordering please specify:

- n° of columns,
- n° of sections side 1 and side 2
- Height
- Connections and colour
- Angle type and measure

Surcharge:

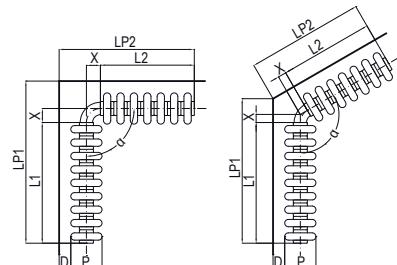
for 90° angle - With surcharge
for angle > di 90° - With surcharge
End cap, reducing bushes and nipples included but not mounted.
Diverter : With surcharge



WARRANTY
5 YEARS

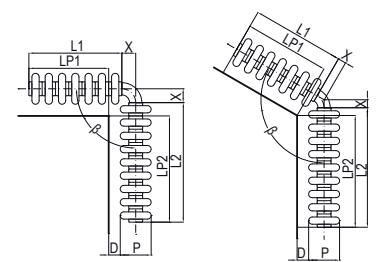
CLOSING WALL - ANGLE

N° di COLU- MNS	P [mm]	Distance X [mm] depending on angle α						Value to add or subtract to (number of sections x 46) so to obtain the wall encumbrance LP with D= 20 depending on angle α					
		$\alpha = 90^\circ$	$\alpha = 105^\circ$	$\alpha = 120^\circ$	$\alpha = 135^\circ$	$\alpha = 150^\circ$	$\alpha = 165^\circ$	$\alpha = 90^\circ$	$\alpha = 105^\circ$	$\alpha = 120^\circ$	$\alpha = 135^\circ$	$\alpha = 150^\circ$	$\alpha = 165^\circ$
2	66	48	37	28	20	13	6	48	51	58	73	105	204
3	107	48	37	28	20	13	6	48	57	70	93	140	281
4	148	93	71	54	39	25	12	93	97	108	133	188	363
5	189	93	71	54	39	25	12	93	102	120	153	223	440
6	230	118	96	79	64	50	37	93	102	120	153	223	440



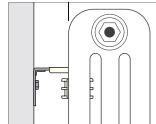
OPENING WALL - ANGLE

N° di COLU- MNS	P [mm]	Distance X [mm] depending on angle β						Value to add or subtract to (number of sections x 46) so to obtain the wall encumbrance LP with D= 20 depending on angle β					
		$\beta = 90^\circ$	$\beta = 105^\circ$	$\beta = 120^\circ$	$\beta = 135^\circ$	$\beta = 150^\circ$	$\beta = 165^\circ$	$\beta = 90^\circ$	$\beta = 105^\circ$	$\beta = 120^\circ$	$\beta = 135^\circ$	$\beta = 150^\circ$	$\beta = 165^\circ$
2	66	48	37	28	20	13	6	5	4	3	2	1	1
3	107	48	37	28	20	13	6	26	20	15	11	7	3
4	148	93	71	54	39	25	12	1	1	1	0	0	0
5	189	93	71	54	39	25	12	22	16	12	9	6	3
6	230	118	96	79	64	50	37	17	7	-1	-8	-14	-19

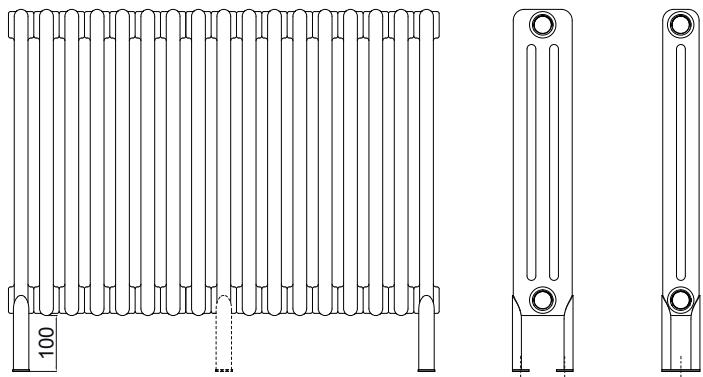


ARDESIA® WITH WELDED FEET

Ardesia® with welded feet support is available on demand. The floor feet Support is welded to the battery and in matching colour. Standard height for The feet is 100mm. On demand, it is possible to realize feet up to 150mm of height.

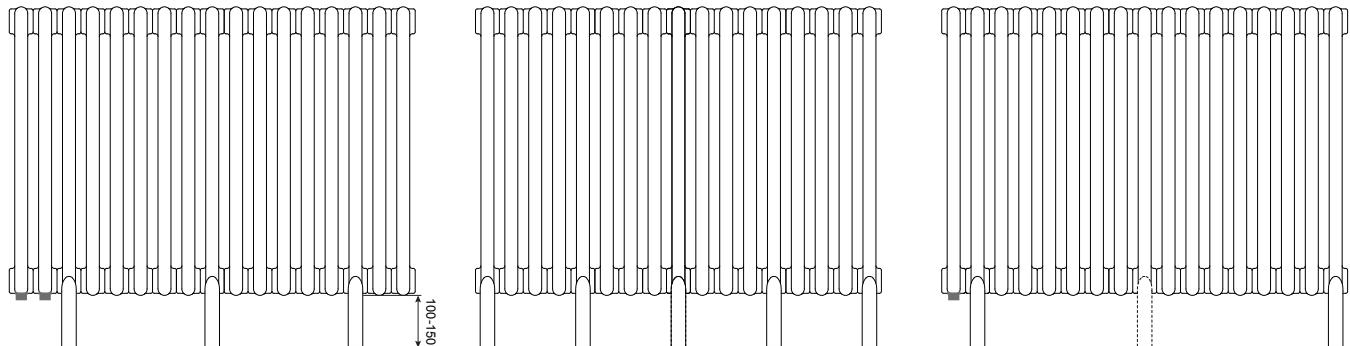


On ARDESIA® with welded feet it is necessary to always install the wall stabiliser kit.
(not included in price - see page 517)
Art. nr. 5991990310307



	2 COLUMNS	3 COLUMNS	4 COLUMNS	5 COLUMNS	6 COLUMNS	FEET STANDARD HEIGHT
MOUNTING OPTIONS	connected at the base		free			[mm]
from 3 to 23 SECTIONS	2 pairs	2 pairs	2 pairs	2 pairs	2 pairs	100
from 24 to 40 SECTIONS	3 pairs	3 pairs	3 pairs	pairs	4 pairs	100
from 40 to 63 SECTIONS	4 pairs	4 pairs	4 pairs	4 pairs	4 pairs	100

For special executions or for welded bottom sleeves connections, it is possible to customise batteries with a major or odd number of welded feet to facilitate installation.

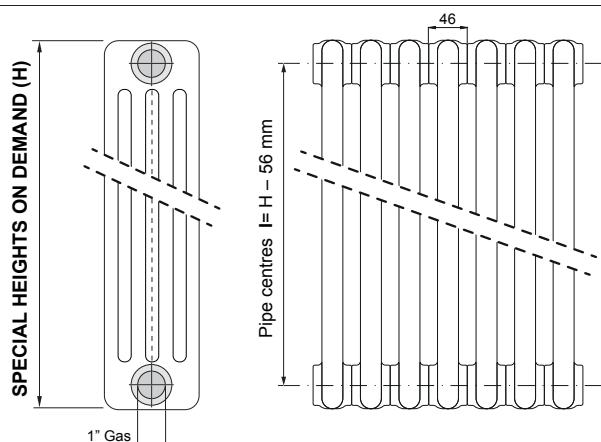


SPECIAL HEIGHTS (NON STANDARD)

For replacing old radiators or for specific installation needs, it is possible to realize Special Heights, not indicated in pricelist, from 207 mm up to 2500 mm.

SURCHARGE FOR SPECIAL HEIGHTS ON DEMAND

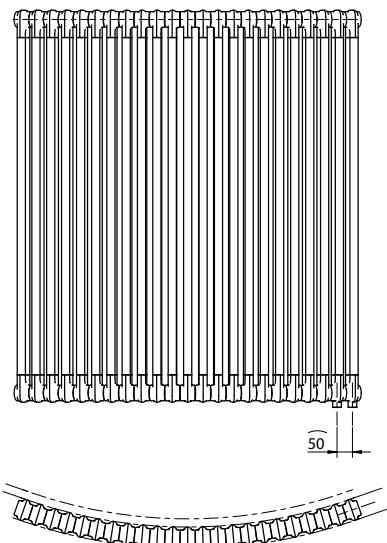
Price reference	SURCHARGE
Refer to the price of the immediate higher standard height	+30%



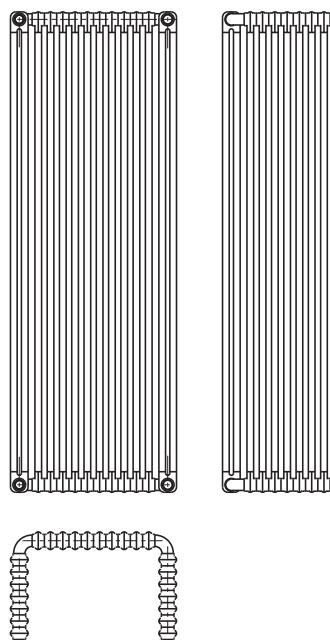
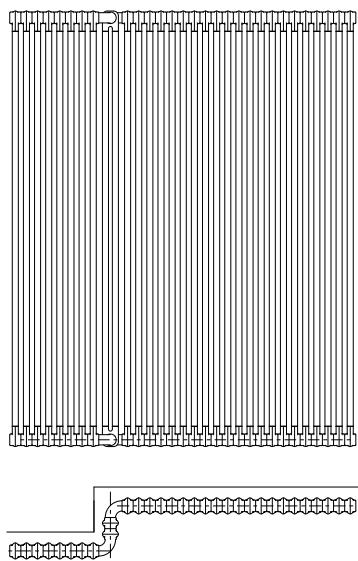
SPECIAL HEIGHTS ON DEMAND (H)

EXAMPLES OF CUSTOMISED EXECUTIONS

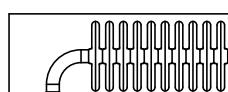
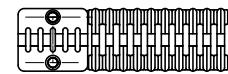
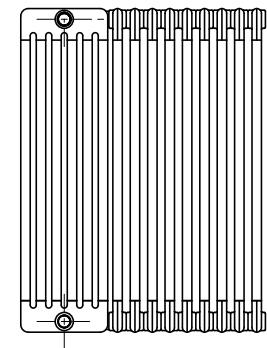
CURVED



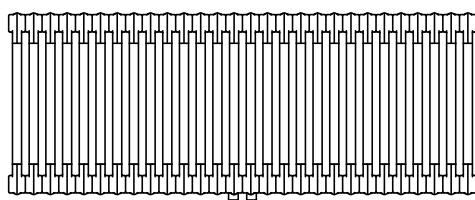
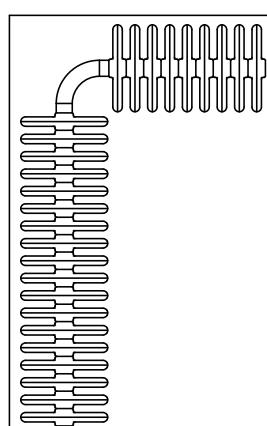
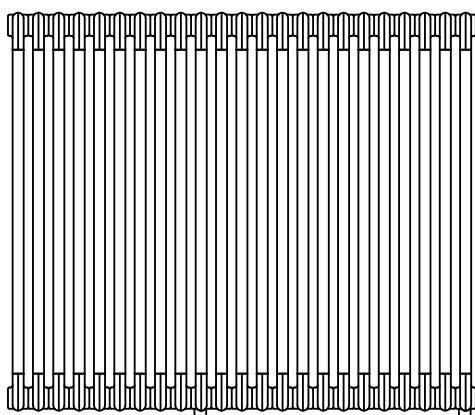
DOUBLE ANGLES

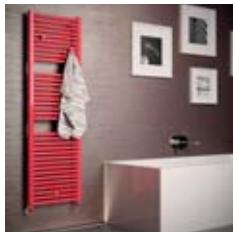


SINGLE ANGLE



CUSTOMISED WELDED SLEEVES





CLAUDIA® ELITE

page 30

**WARRANTY
5 YEARS**

MATERIAL:

- Vertical collectors in painted mild steel semi oval 30x40 mm.
- Horizontal heating elements in painted mild steel Ø 25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Claudia® Elite radiator is available on request in all the colours from the chart at page 540

ACCESSORIES:

Claudia® Elite radiator includes a pair of hooks in the same colour of the radiator and coloured Kristal valves kit, complete with fittings for copper (Ø 12/14/15) and multilayer (Ø 16).

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1 1/2" gas - 1 x 1 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



ACCESSORIES INCLUDED

COMPLETE COLOURED VALVE KIT INCLUDED

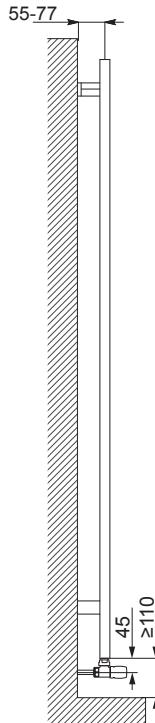
COLOURED 2 HOOKS KIT INCLUDED

COLOURED FIXING KIT INCLUDED

Quotes for square Kristal valves with thermostatic option

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Quotes for Kristal valves

CLAUDIA® ELITE

	Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Thermal output [Watt]		Dual energy kit
							Δt=50°C	Δt=30°C	
1195	450	400	8,6	1,146	6,8	534	281	1,2551	600
	500	450	9,3	1,26	7,4	595	314	1,2488	700
	600	550	10,6	1,488	8,7	716	380	1,2395	900
1411	450	400	10,2	1,375	8,2	648	341	1,2583	700
	500	450	11,1	1,513	8,9	719	380	1,2498	900
	600	550	12,7	1,788	10,4	862	458	1,2371	900
1807	450	400	13	1,73	10,3	821	431	1,2631	900
	500	450	14	1,91	11,3	907	479	1,2513	900
	600	550	16,1	2,25	13,2	1077	574	1,2336	1200

Claudia® Elite radiator includes a pair of hooks in the same colour of the radiator and coloured Kristal valves kit, complete with fittings for copper and multilayer.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ

TO ORDER CLAUDIA® ELITE YOU JUST NEED TO CHOOSE SIZE AND COLOUR.



CLAUDIA®



page 32

**WARRANTY
5 YEARS**

MATERIAL:

- Vertical collectors in painted mild steel semi oval 30x40 mm.
- Horizontal heating elements in painted mild steel Ø 25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Electric (see page 334-360)	<input checked="" type="checkbox"/> Dual energy (see page 326-524)
--------------	---	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



ACCESSORIES



Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



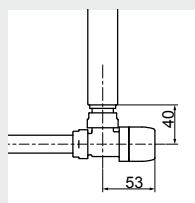
**Towel bar painted mild
steel-white R01**

WIDTH 377 mm



Kit 2 Hooks
- White R01

Art. nr. 5991990310028

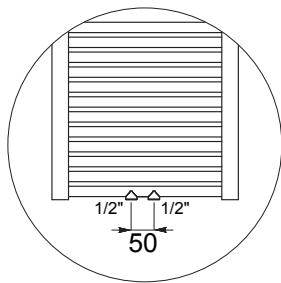


Quotes for square Kristal valves
with thermostatic option

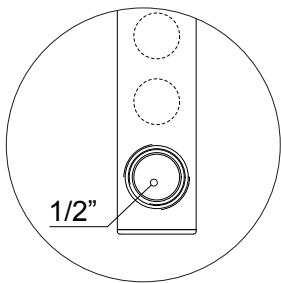
Art. nr.	Available on width
5991990310047	≥ 400 mm
5991990310029	≥ 500 mm
5991990310034	≥ 600 mm
5991990310030	≥ 750 mm

If ordered separately from the radiator, the accessories are available in standard white only.

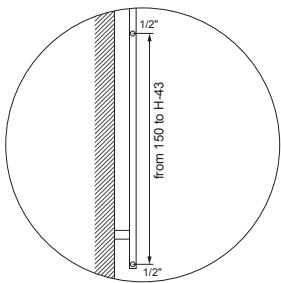
Accessories and spare parts - see from page 508



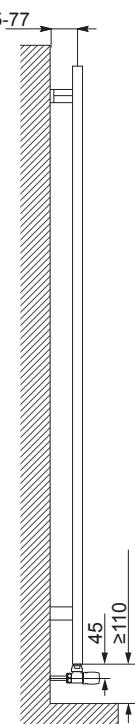
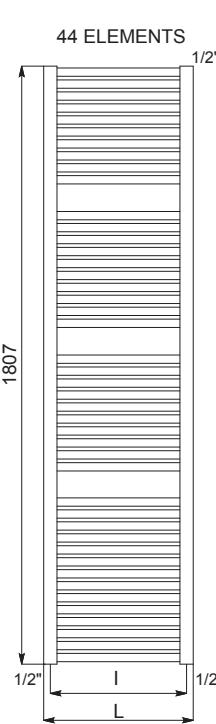
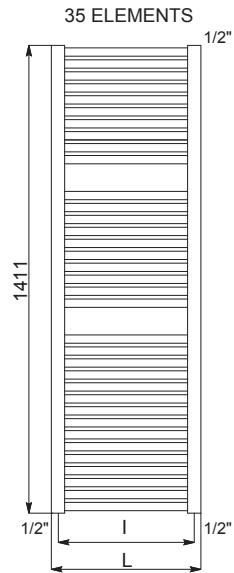
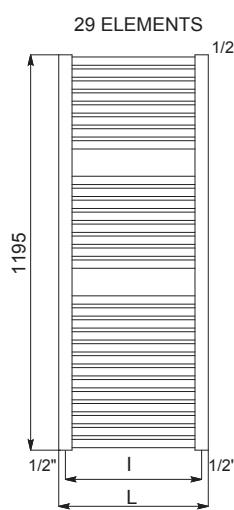
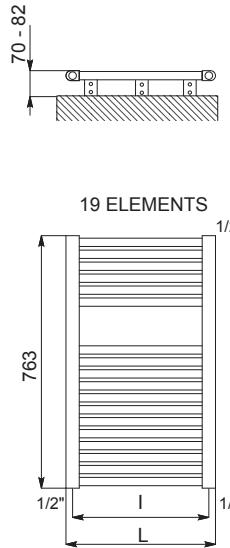
Detail of the pipe centres
50 mm version



Detail of lateral 1/2"
connection
(see further pages)



Detail of 2 lateral sleeves
connection (see further pages)



Quotes for Kristal valves

CLAUDIA®

	Height [mm]	WIDTH L [mm]	Pipe Centres I [mm]	Art. nr.
763	400	350	3551356100025	3551356101025
	450	400	3551356100001	3551356101001
	500	450	3551356100004	3551356101004
	550	500	3551356100008	3551356101008
	600	550	3551356100011	3551356101011
	750	700	3551356100015	3551356101015
	1000	950	3551356100019	3551356101019
1195	400	350	3551356100026	3551356101026
	450	400	3551356100002	3551356101002
	500	450	3551356100005	3551356101005
	550	500	3551356100009	3551356101009
	600	550	3551356100012	3551356101012
	750	700	3551356100016	3551356101016
	1000	950	3551356100020	3551356101020
1411	400	350	3551356100027	3551356101027
	450	400	3551356100023	3551356101023
	500	450	3551356100006	3551356101006
	550	500	3551356100024	3551356101024
	600	550	3551356100013	3551356101013
	750	700	3551356100017	3551356101017
	1000	950	3551356100021	3551356101021
1807	400	350	3551356100028	3551356101028
	450	400	3551356100003	3551356101003
	500	450	3551356100007	3551356101007
	550	500	3551356100010	3551356101010
	600	550	3551356100014	3551356101014
	750	700	3551356100018	3551356101018
	1000	950	3551356100022	3551356101022

Pipe Centres 50 mm

Art. nr.	Thermal output [Watt]					Dual energy kit
	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	
3551356101025	5,1	0,671	4,0	316	169	1,2241
3551356101001	5,5	0,746	4,4	349	184	1,2497
3551356101004	6,0	0,821	4,8	389	206	1,2472
3551356101008	6,5	0,895	5,2	430	228	1,2451
3551356101011	6,9	0,970	5,7	470	249	1,2434
3551356101015	8,3	1,194	6,9	591	314	1,2397
3551356101019	10,5	1,567	8,9	792	421	1,2361
3551356101026	7,9	1,032	6,2	478	253	1,2463
3551356101002	8,6	1,146	6,8	534	281	1,2551
3551356101005	9,3	1,260	7,4	595	314	1,2488
3551356101009	9,9	1,374	8,1	656	348	1,2437
3551356101012	10,6	1,488	8,7	716	380	1,2395
3551356101016	12,7	1,830	10,6	899	480	1,2301
3551356101020	16,2	2,399	16,7	1202	644	1,2207
3551356101027	9,4	1,238	7,4	583	306	1,2596
3551356101023	10,2	1,375	8,2	648	341	1,2583
3551356101006	11,1	1,513	8,9	719	380	1,2498
3551356101024	11,9	1,650	9,7	791	419	1,2429
3551356101013	12,7	1,788	10,4	862	458	1,2371
3551356101017	15,3	2,200	12,7	1077	576	1,2244
3551356101021	19,4	2,880	16,4	1434	772	1,2115
3551356101028	11,9	1,650	9,3	753	392	1,2796
3551356101003	13,0	1,730	10,3	821	431	1,2631
3551356101007	14,0	1,910	11,3	907	479	1,2513
3551356101010	15,1	2,083	12,2	992	526	1,2417
3551356101014	16,1	2,250	13,2	1077	574	1,2336
3551356101018	19,3	2,774	16,0	1333	716	1,2157
3551356101022	24,5	3,638	20,7	1760	955	1,1978

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)^n

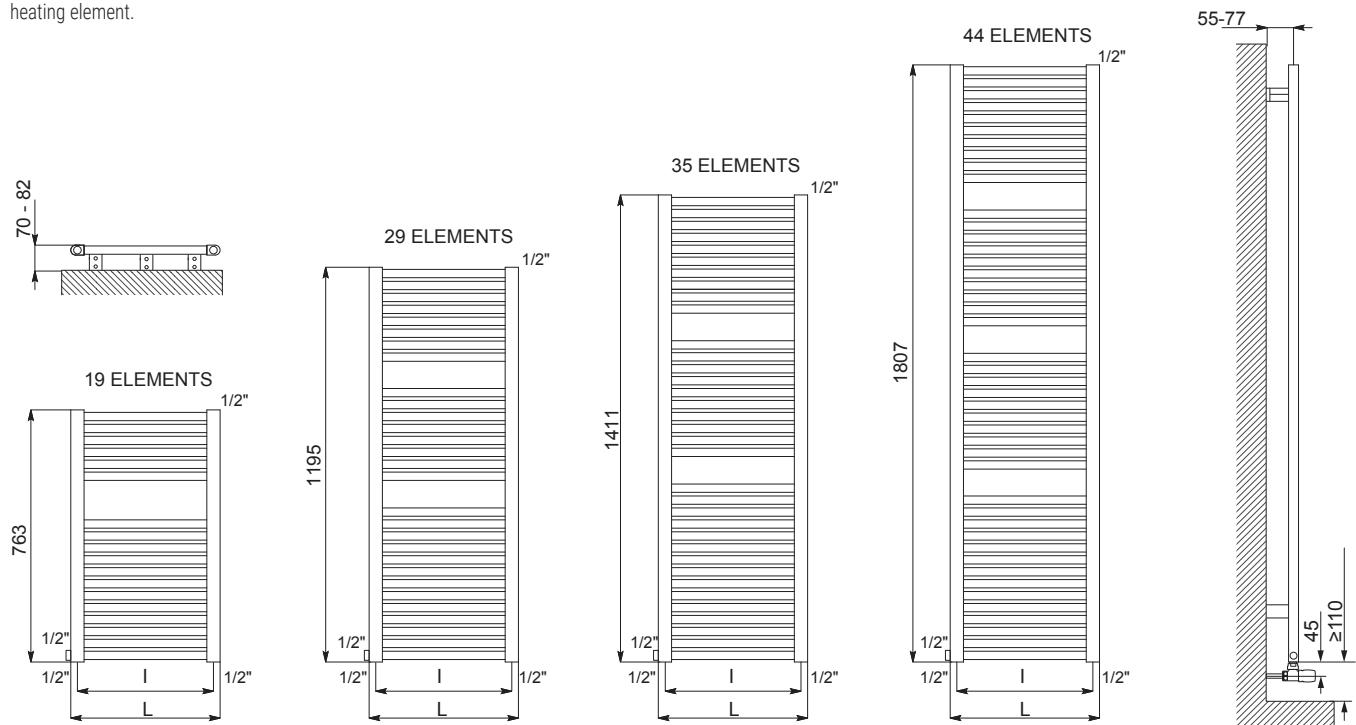


CLAUDIA® AL

LATERAL CONNECTION

Detail of lateral 1/2"
connection on the collector,
in correspondence of the first
heating element.

WARRANTY
5 YEARS



Quotes for Kristal valves

CLAUDIA® AL (LATERAL CONNECTION)

	Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m ²]	Water content [lt]	Thermal output [Watt]			Dual energy kit [Watt]
								Δt=50°C	Δt=30°C	Exp. n	
763	400	350	3551356100725		5,1	0,671	4,0	316	169	1,2241	400
	450	400	3551356100701		5,5	0,746	4,4	349	184	1,2497	400
	500	450	3551356100704		6,0	0,821	4,8	389	206	1,2472	400
	550	500	3551356100708		6,5	0,895	5,2	430	228	1,2451	500
	600	550	3551356100711		6,9	0,970	5,7	470	249	1,2434	500
	750	700	3551356100715		8,3	1,194	6,9	591	314	1,2397	700
	1000	950	3551356100719		10,5	1,567	8,9	792	421	1,2361	900
1195	400	350	3551356100726		7,9	1,032	6,2	478	253	1,2463	600
	450	400	3551356100702		8,6	1,146	6,8	534	281	1,2551	600
	500	450	3551356100705		9,3	1,260	7,4	595	314	1,2488	700
	550	500	3551356100709		9,9	1,374	8,1	656	348	1,2437	700
	600	550	3551356100712		10,6	1,488	8,7	716	380	1,2395	900
	750	700	3551356100716		12,7	1,830	10,6	899	480	1,2301	900
	1000	950	3551356100720		16,2	2,399	16,7	1202	644	1,2207	1200
1411	400	350	3551356100727		9,4	1,238	7,4	583	306	1,2596	700
	450	400	3551356100723		10,2	1,375	8,2	648	341	1,2583	700
	500	450	3551356100706		11,1	1,513	8,9	719	380	1,2498	900
	550	500	3551356100724		11,9	1,650	9,7	791	419	1,2429	900
	600	550	3551356100713		12,7	1,788	10,4	862	458	1,2371	900
	750	700	3551356100717		15,3	2,200	12,7	1077	576	1,2244	1200
	1000	950	3551356100721		19,4	2,880	16,4	1434	772	1,2115	1200
1807	400	350	3551356100728		11,9	1,650	9,3	753	392	1,2796	900
	450	400	3551356100703		13,0	1,730	10,3	821	431	1,2631	900
	500	450	3551356100707		14,0	1,910	11,3	907	479	1,2513	900
	550	500	3551356100710		15,1	2,083	12,2	992	526	1,2417	1200
	600	550	3551356100714		16,1	2,250	13,2	1077	574	1,2336	1200
	750	700	3551356100718		19,3	2,774	16,0	1333	716	1,2157	1200
	1000	950	3551356100722		24,5	3,638	20,7	1760	955	1,1978	1200

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

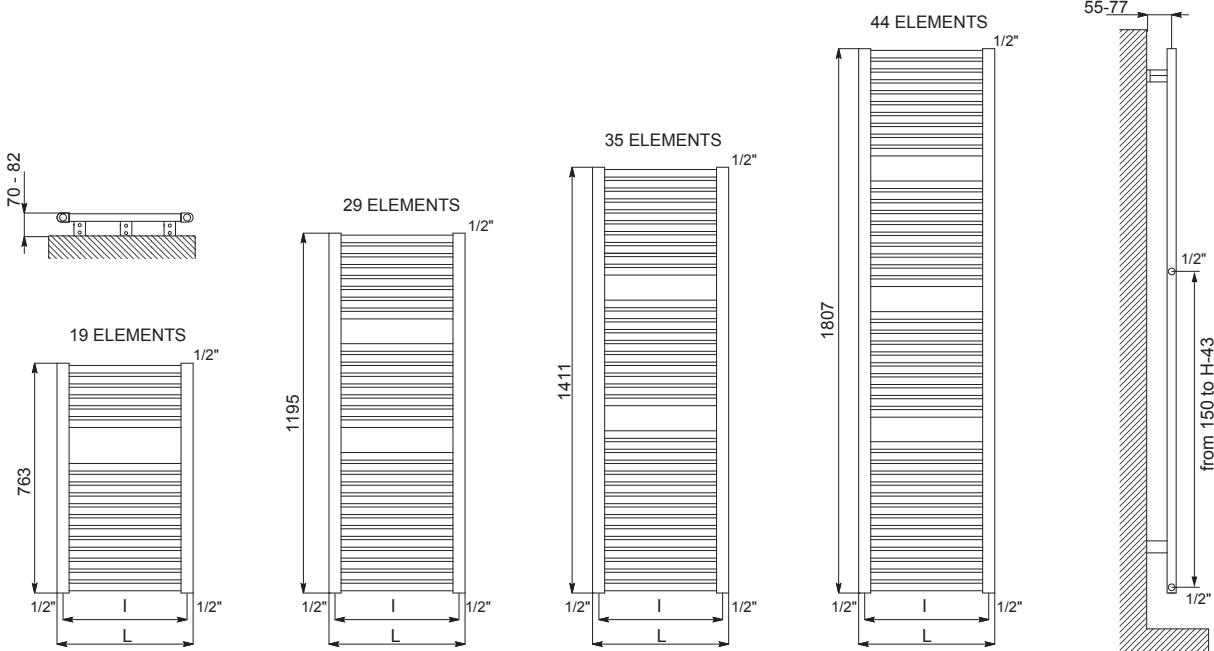
For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



CLAUDIA®

2 LATERAL SLEEVES

WARRANTY
5 YEARS



LATERAL CONNECTION (2 SLEEVES 1/2")

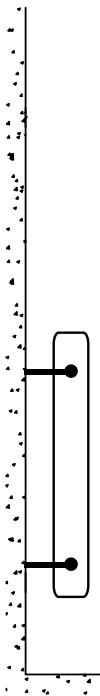
The first sleeve of 1/2" is aligned with first heating element (21.5 mm from the base of the vertical collector).
The second sleeve of 1/2" can be placed at the desired distance. The distance has to be specified when sending purchase order. Available pipes centres: from 150 mm to 43 mm of height.

With surcharge (pricelist refers to standard white R01-RAL 9010)

Please contact our sales department for customized models.

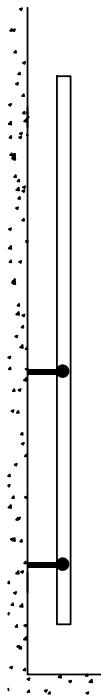


BEFORE



Old radiator

AFTER



New CORDIVARI
towel rail radiator

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MY WAY®
SYSTEM

MODELS FOR
REPLACEMENT

ACCESSORIES
AND TECHNICAL
SUPPORT



CLAUDIA® WIDE



page 34

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel semi oval 30x40 mm.
- Horizontal heating elements in painted mild steel Ø 25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



ACCESSORIES



Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



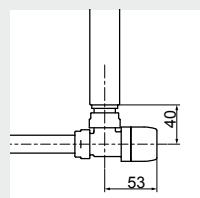
White thermostatic head

(Kit 2 pieces)
Art. nr. 5035270710016

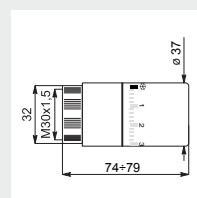


Kit 2 Hooks
- White R01

Art. nr. 5991990310028



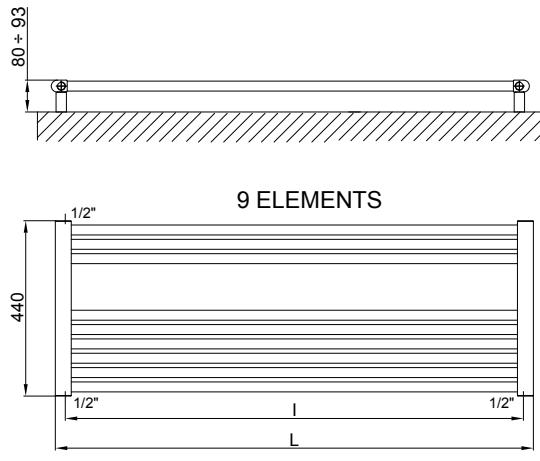
Quotes for square Kristal valves
with thermostatic option



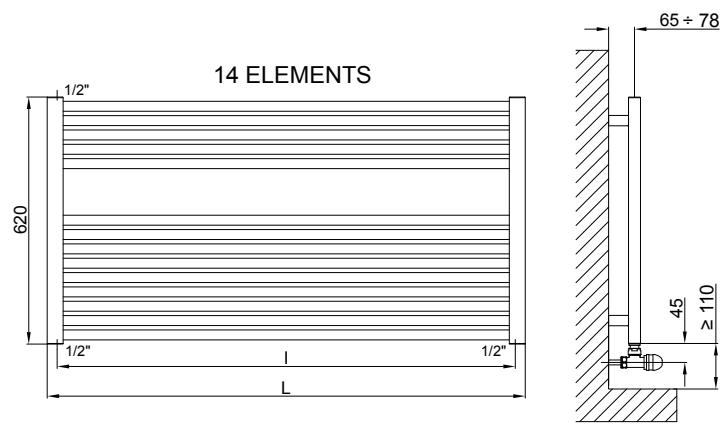
Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



14 ELEMENTS



Quotes for Kristal valves

CLAUDIA® WIDE

Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m ²]	Water content [lt]	Thermal output [Watt]			Dual energy kit [Watt]
							Δt=50°C	Δt=30°C	Exp. n	
440	1200	1150	3551356100101	6,1	0,903	5,1	471	261	1,155	400
	1400	1350	3551356100103	6,9	1,045	5,9	558	311	1,145	400
620	1200	1150	3551356100102	9,3	1,389	7,9	712	390	1,176	700
	1400	1350	3551356100104	10,6	1,609	9,1	837	457	1,183	700

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



CLAUDIA® CURVED



page 36

EUROPEAN
WARRANTY

NEW

MATERIAL:

- Vertical collectors in painted mild steel semi oval 30x40 mm.
- Curved horizontal heating elements in painted mild steel Ø 25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



ACCESSORIES



**Kristal valve square
With thermostatic option
White R01 - ral 9010**

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



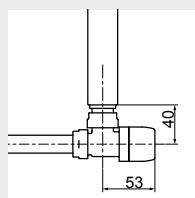
White thermostatic head

(Kit 2 pieces)
Art. nr. 5035270710016

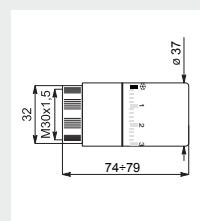


**Kit 2 Hooks
- White R01**

Art. nr. 5991990310028



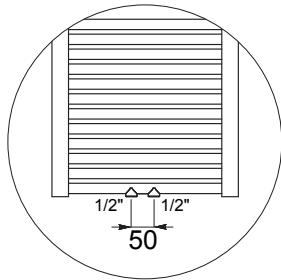
Quotes for square Kristal valves
with thermostatic option



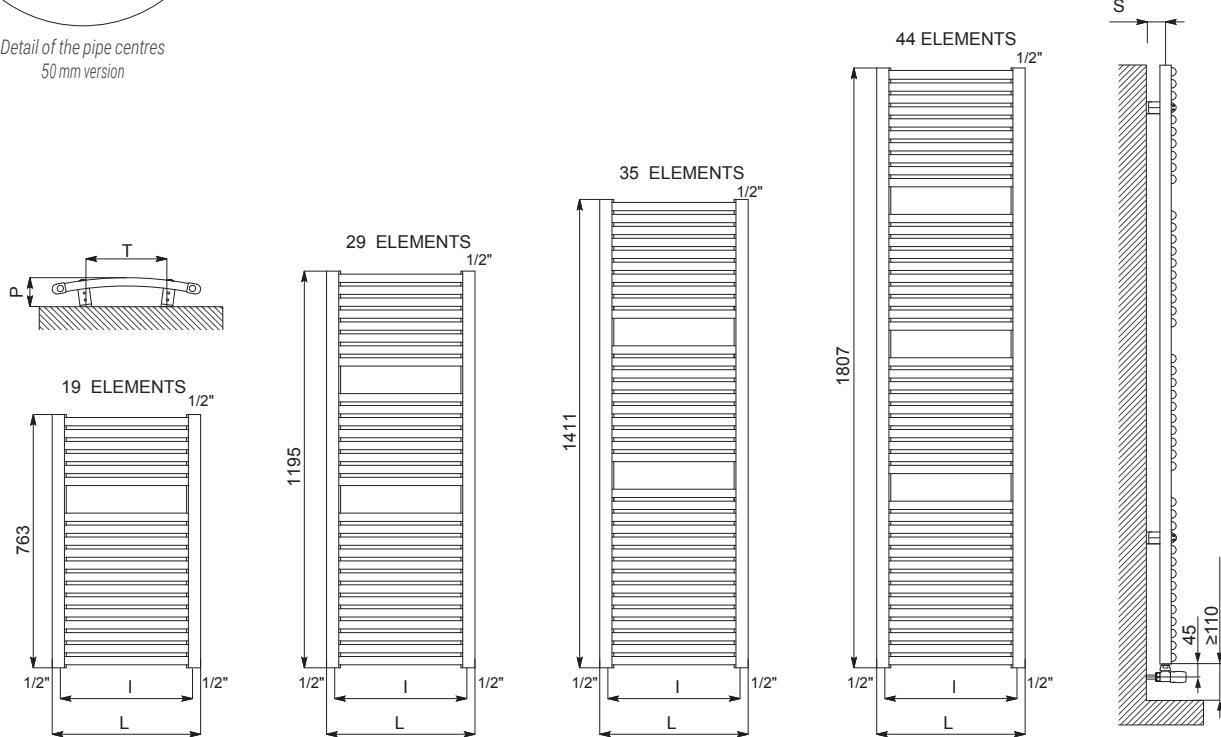
Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Detail of the pipe centres
50 mm version



Quotes for Kristal valves

CLAUDIA® CURVED

Height [mm]	Width L [mm]	Pipe Centres I [mm]	Art. nr.	Pipe Centres 50 mm		Thermal output [Watt]							Dual energy kit	
				Art. nr.	P [mm]	S [mm]	T [mm]	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	
763	450	397	3551546100031	3551546101031	85	52	270	5,5	0,746	4,4	368	194	1,2501	400
	500	445	3551546100034	3551546101034	90	52	320	6,0	0,821	4,8	408	216	1,2419	500
	550	494	3551546100037	3551546101037	90	46	320	6,5	0,895	5,2	448	238	1,2353	500
	600	547	3551546100040	3551546101040	90	57	450	6,9	0,970	5,7	492	263	1,2292	600
	750	696	3551546100043	3551546101043	100	55	590	8,3	1,194	6,9	615	330	1,2170	700
	450	397	3551546100032	3551546101032	85	52	270	8,6	1,146	6,8	557	294	1,2476	700
1195	500	445	3551546100035	3551546101035	90	52	320	9,3	1,260	7,4	617	327	1,2422	700
	550	494	3551546100038	3551546101038	90	46	320	9,9	1,374	8,1	676	359	1,2379	700
	600	547	3551546100041	3551546101041	90	57	450	10,6	1,488	8,7	742	395	1,2339	900
	750	696	3551546100044	3551546101044	100	55	590	12,7	1,830	10,6	923	493	1,2258	900
	450	397	3551546100049	3551546101049	85	52	270	10,2	1,375	8,2	669	354	1,2461	700
	500	445	3551546100050	3551546101050	90	52	320	11,1	1,513	8,9	742	393	1,2424	900
1411	550	494	3551546100051	3551546101051	90	46	320	11,9	1,650	9,7	813	432	1,2394	900
	600	547	3551546100052	3551546101052	90	57	450	12,7	1,788	10,4	892	474	1,2366	900
	750	696	3551546100053	3551546101053	100	55	590	15,3	2,200	12,7	1111	592	1,2311	1200
	450	397	3551546100033	3551546101033	85	52	270	13,0	1,730	10,3	835	442	1,2439	900
	500	445	3551546100036	3551546101036	90	52	320	14,0	1,910	11,3	928	492	1,2427	900
	550	494	3551546100039	3551546101039	90	46	320	15,1	2,083	12,2	1019	540	1,2417	1200
1807	600	547	3551546100042	3551546101042	90	57	450	16,1	2,250	13,2	1121	595	1,2408	1200
	750	696	3551546100045	3551546101045	100	55	590	19,3	2,774	16,0	1402	745	1,2390	1200

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)^n



CLAUDIA® SQUARE



page 38

EUROPEAN
WARRANTY

NEW

MATERIAL:

- Frame collector in painted mild steel 40x40 mm.
- Horizontal heating elements in painted mild steel Ø 25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



ACCESSORIES



Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



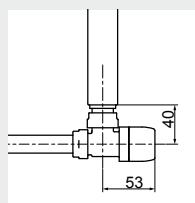
**Towel bar painted mild
steel-white R01**

WIDTH 377 mm



Kit 2 Hooks
- White R01

Art. nr. 5991990310028

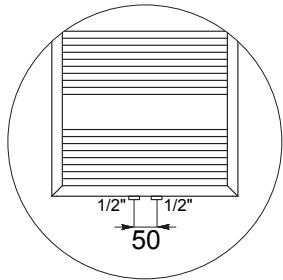


Quotes for square Kristal valves
with thermostatic option

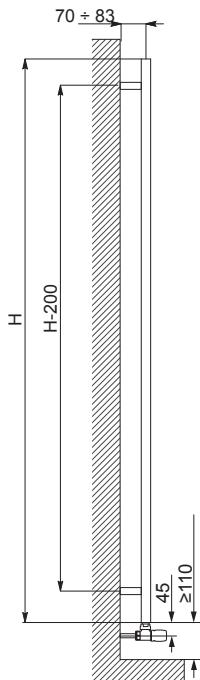
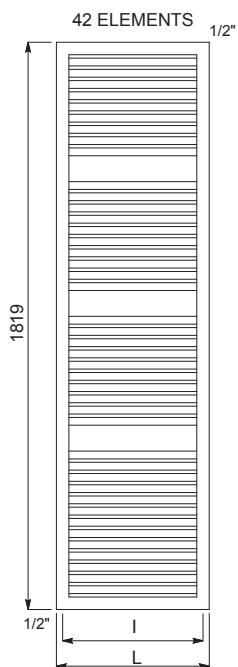
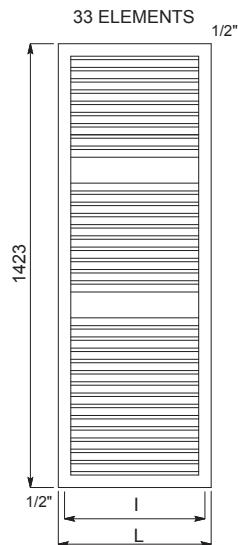
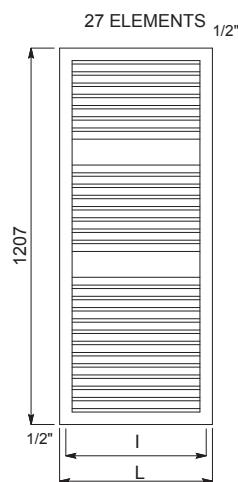
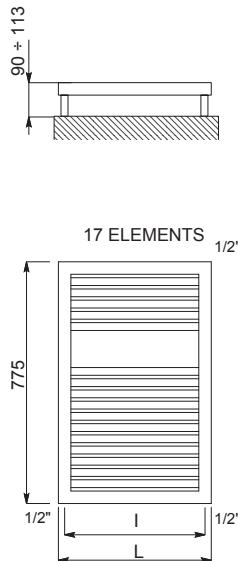
Art. nr.	Available on width
5991990310047	≥ 400 mm
5991990310029	≥ 500 mm
5991990310034	≥ 600 mm
5991990310030	≥ 750 mm

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Detail of the pipe centres
50 mm version



Quotes for Kristal valves

CLAUDIA® SQUARE

Height [mm]	WIDTH L [mm]	Pipe Centres I [mm]	Art. nr.
775	490	450	3551356100301
	540	500	3551356100305
1207	490	450	3551356100302
	540	500	3551356100306
1423	490	450	3551356100303
	540	500	3551356100307
1819	490	450	3551356100304
	540	500	3551356100308

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt /50)ⁿ

Pipe Centres 50 mm	Thermal output [Watt]						Dual energy kit
	Dry Weight [Kg]	Surface [m²]	Water content [lt]	$\Delta t=50^\circ\text{C}$	$\Delta t=30^\circ\text{C}$	Exp. n	
3551356100309	7,3	0,860	4,7	431	233	1,2076	500
3551356100313	7,9	0,938	5,1	471	254	1,2051	500
3551356100310	11,0	1,334	7,2	673	361	1,2211	700
3551356100314	11,8	1,453	7,9	738	396	1,2211	700
3551356100311	12,9	1,586	8,6	801	426	1,2349	900
3551356100315	13,8	1,729	9,4	876	467	1,22965	900
3551356100312	16,0	1,988	9,2	990	525	1,24141	1200
3551356100316	17,2	2,163	10,0	1081	575	1,23646	1200



ANNA



page 44

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel semi oval 30x40 mm.
- Horizontal heating elements in painted mild steel Ø 25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS

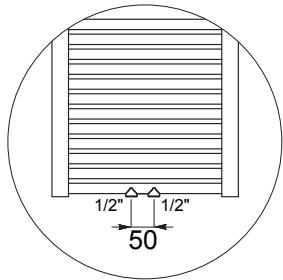


ACCESSORIES

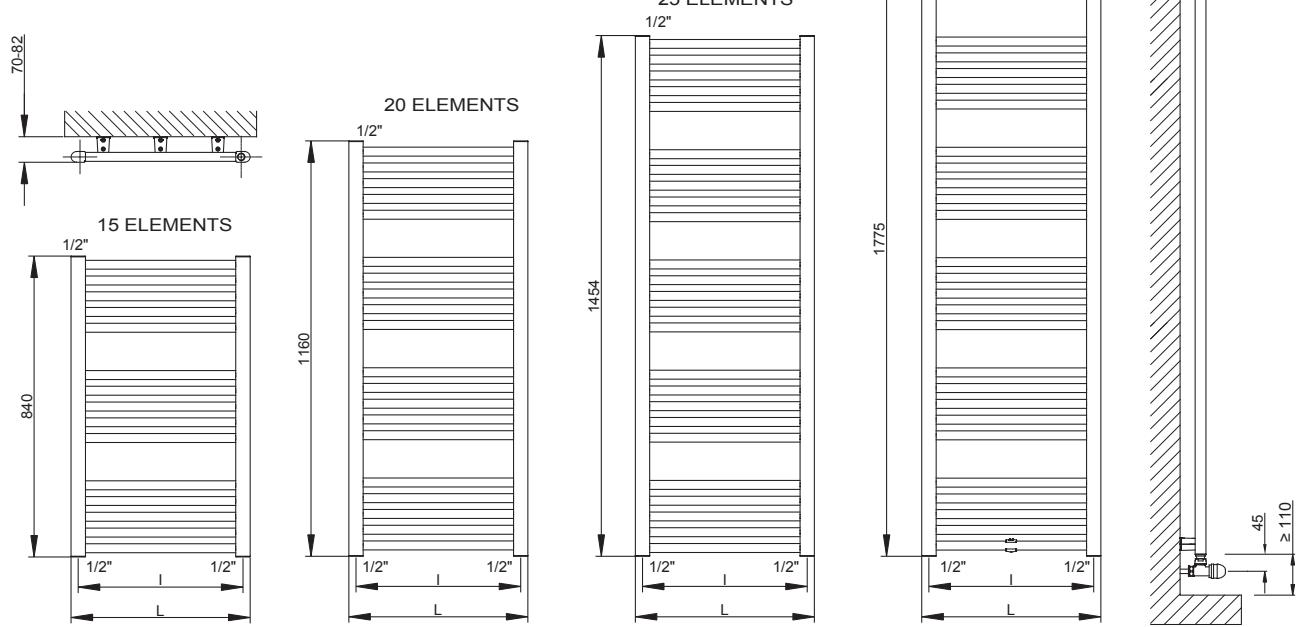
 Kristal valve square With thermostatic option White R01 - ral 9010 Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160	 Chromed thermostatic head (Kit 2 pieces) Art. nr. 5035270710015	 White thermostatic head (Kit 2 pieces) Art. nr. 5035270710016
 Quotes for square Kristal valves with thermostatic option	 Thermostatic head quotes	 Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Detail of the pipe centres
50 mm version



Quotes for Kristal valves

ANNA

Height [mm]	Width L [mm]	Pipe Centres l [mm]	Art. nr.	Pipe Centres 50 mm		Thermal output [Watt]					Dual energy kit
				Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	
840	400	350	3551686100001	3551686100017	4,7	0,588	3,6	325	175	1,2074	400
	450	400	3551686100005	3551686100021	5,1	0,647	3,9	358	193	1,2050	400
	500	450	3551686100009	3551686100025	5,4	0,706	4,2	392	212	1,2027	500
	550	500	3551686100041	3551686100033	5,8	0,740	4,6	426	231	1,2003	500
	600	550	3551686100013	3551686100029	6,1	0,823	4,9	458	248	1,1979	600
	750	700	3551686100045	3551686100037	7,2	0,940	5,9	573	312	1,1908	600
	400	350	3551686100002	3551686100018	6,4	0,797	4,9	429	230	1,2169	600
1160	450	400	3551686100006	3551686100022	6,9	0,876	5,3	472	254	1,2155	600
	500	450	3551686100010	3551686100026	7,3	0,954	5,7	515	277	1,2142	700
	550	500	3551686100042	3551686100034	7,8	1,000	6,2	557	300	1,2128	700
	600	550	3551686100014	3551686100030	8,3	1,111	6,6	600	323	1,2115	700
	750	700	3551686100046	3551686100038	9,7	1,300	7,9	728	393	1,2074	900
	400	350	3551686100003	3551686100019	8,0	0,998	6,1	534	287	1,2170	700
	450	400	3551686100007	3551686100023	8,6	1,096	6,7	586	315	1,2151	700
1454	500	450	3551686100011	3551686100027	9,2	1,194	7,2	639	344	1,2133	700
	550	500	3551686100043	3551686100035	9,7	1,250	7,7	692	373	1,2115	900
	600	550	3551686100015	3551686100031	10,4	1,390	8,3	744	401	1,2097	900
	750	700	3551686100047	3551686100039	12,1	1,630	9,9	902	488	1,2043	900
	400	350	3551686100004	3551686100020	9,7	1,205	7,4	660	354	1,2170	900
	450	400	3551686100008	3551686100024	10,4	1,323	8,1	725	390	1,2147	900
	500	450	3551686100012	3551686100028	11,1	1,440	8,7	789	425	1,2124	1200
1775	550	500	3551686100044	3551686100036	11,7	1,500	9,3	855	461	1,2101	1200
	600	550	3551686100016	3551686100032	12,4	1,620	10,0	919	496	1,2078	1200
	750	700	3551686100048	3551686100040	14,5	1,960	11,9	1114	603	1,2009	1200

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ

**MATERIAL:**

- Vertical collectors in painted mild steel semi oval 30x40 mm.
- Horizontal heating elements in painted mild steel elliptical 50x25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

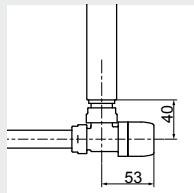
P. Max: 5 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS**ACCESSORIES**

Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



Quotes for square Kristal valves
with thermostatic option



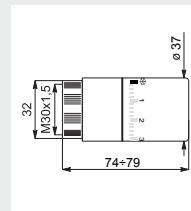
White thermostatic head

(Kit 2 pieces)
Art. nr. 5035270710016



**Foldable towel bar in
plexiglass and stainless
steel**

Foldable and removable, it is
suitable for towel rails in all fin-
ishing: white, coloured, chromed
or stainless steel finishing. It can
not be used on towel rails with
curved elements, Dory and Lucy
Plus models. Available with Width
≥ 450 mm

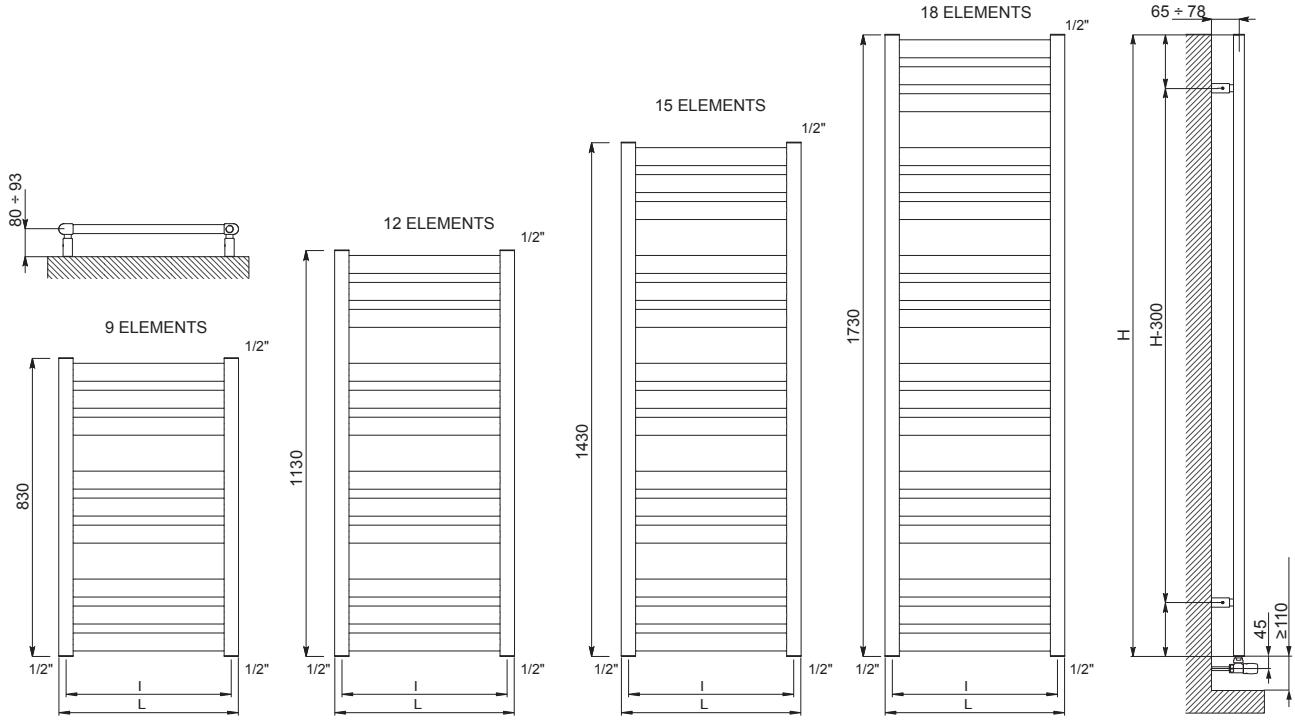


Thermostatic head quotes

WIDTH L	x	Profondità P	Art. nr.
L 370 mm	x	P 377 mm	5991990310402
L 420 mm	x	P 377 mm	5991990310403

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Quotes for Kristal valves

NAUSICA

	Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Thermal output [Watt]		Dual energy kit
								Δt=50°C	Δt=30°C	
830	500	450	3551626100101	6,50	0,67	4,70	359	192	1,2236	400
	550	500	3551626100107	7,00	0,72	5,10	378	202	1,2294	400
	600	550	3551626100104	7,50	0,78	5,50	416	223	1,2227	500
1130	500	450	3551626100102	8,70	0,90	6,30	479	256	1,2302	600
	550	500	3551626100108	9,40	0,97	6,90	507	270	1,2373	600
	600	550	3551626100105	10,00	1,04	7,40	556	297	1,2283	600
1430	500	450	3551626100103	10,90	1,13	8,00	601	319	1,2369	700
	550	500	3551626100109	11,80	1,22	8,60	622	329	1,2469	700
	600	550	3551626100106	12,60	1,31	9,20	699	372	1,2340	700
1730	500	450	3551626100111	13,10	1,36	9,60	725	386	1,2315	700
	550	500	3551626100110	14,10	1,47	10,30	733	384	1,2648	900
	600	550	3551626100112	15,10	1,58	11,10	846	452	1,2278	900

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)^n

**MATERIAL:**

- Frame collector in painted mild steel 30 x 30 mm.
- Horizontal heating elements in painted mild steel 15 x 20 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

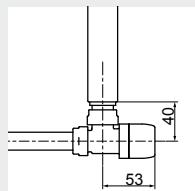
P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS**ACCESSORIES**

Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



Quotes for square Kristal valves
with thermostatic option



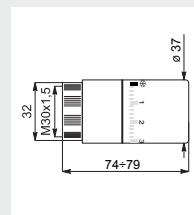
White thermostatic head

(Kit 2 pieces)
Art. nr. 5035270710016

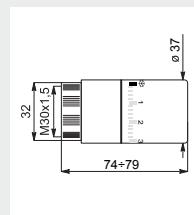


Chromed thermostatic head

(Kit 2 pieces)
Art. nr. 5035270710015



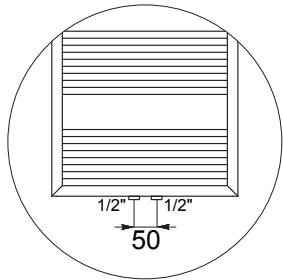
Thermostatic head quotes



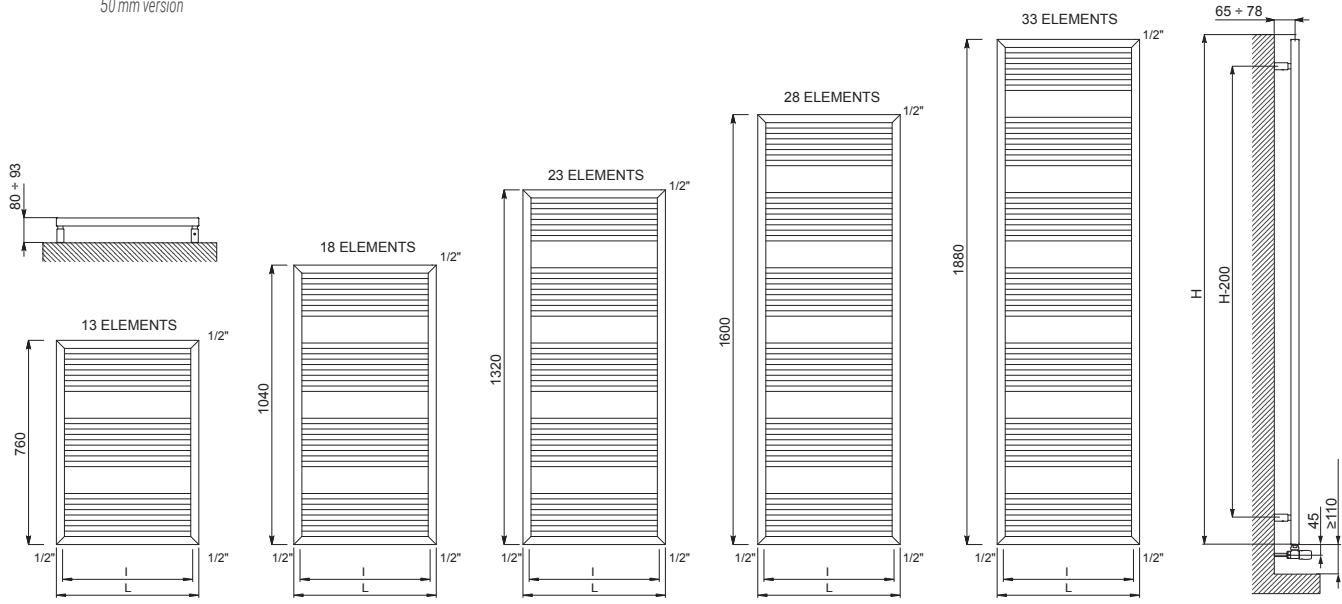
Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Detail of the pipe centres
50 mm version



Quotes for Kristal valves

NAIKE

	Height [mm]	WIDTH L [mm]	Pipe Centres I [mm]	Art. nr.
760	480	450	3551826102021	
	530	500	3551826102025	
	580	550	3551826102005	
1040	480	450	3551826102022	
	530	500	3551826102026	
	580	550	3551826102006	
1320	480	450	3551826102002	
	530	500	3551826102004	
	580	550	3551826102008	
1600	480	450	3551826102023	
	530	500	3551826102027	
	580	550	3551826102009	
1880	480	450	3551826102024	
	530	500	3551826102028	
	580	550	3551826102010	

Pipe Centres 50 mm	Thermal output [Watt]						Dual energy kit
	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	
3551826102029	7,00	0,60	2,90	350	191	1,1867	400
3551826102033	7,60	0,65	3,10	381	208	1,1886	400
3551826102015	8,20	0,70	3,40	412	224	1,1904	400
3551826102030	9,20	0,80	3,80	459	246	1,2193	500
3551826102034	10,00	0,85	4,00	499	268	1,2142	600
3551826102016	10,80	0,92	4,30	538	290	1,2092	600
3551826102012	11,40	0,97	4,60	568	303	1,2307	700
3551826102014	12,40	1,05	4,90	617	330	1,2242	700
3551826102018	13,30	1,14	5,20	667	358	1,2177	700
3551826102031	13,70	1,16	5,50	679	364	1,2221	700
3551826102035	14,80	1,26	5,80	739	397	1,2156	700
3551826102019	15,90	1,36	6,20	799	431	1,2092	900
3551826102032	15,90	1,35	6,30	793	427	1,2135	900
3551826102036	17,20	1,46	6,70	864	467	1,2071	900
3551826102020	18,50	1,57	7,10	936	507	1,2007	900

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)^n



LUCY 18



page 50

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel ø 30 mm.
- Horizontal heating elements in painted mild steel ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Electric (see page 336)	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS

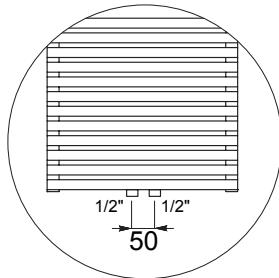


ACCESSORIES

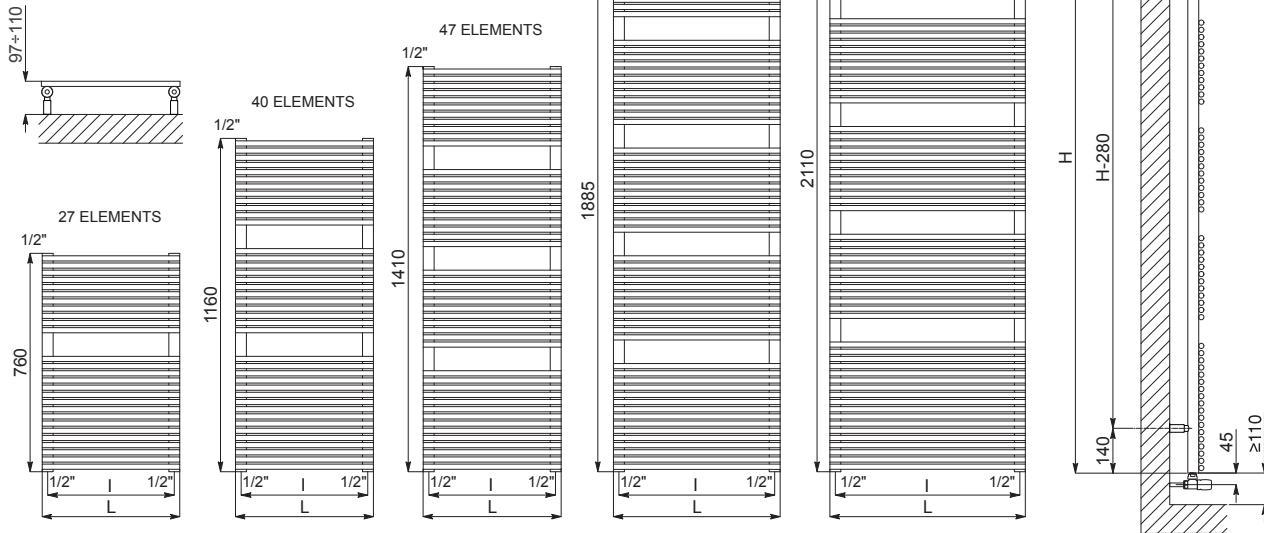
 Kristal valve square With thermostatic option White R01 - ral 9010 Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160	 Kit 2 Hooks WHITE RAL 9010 - R01 Art. nr. 5991990310388	 Towel bar WHITE RAL 9010 - R01 (width 440 mm) Available with width ≥ 500 mm Art. nr. 5991990331126
 Quotes for square Kristal valves with thermostatic option		

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Detail of the pipe centres
50 mm version



Quotes for Kristal valves

LUCY 18

	Height [mm]	Width L [mm]	Pipe Centres l [mm]	Art. nr.
760	430	400	3551406100300	
	480	450	3551406100304	
1160	430	400	3551406100301	
	480	450	3551406100305	
1410	530	500	3551406100308	
	580	550	3551406100312	
1885	430	400	3551406100302	
	480	450	3551406100306	
2110	530	500	3551406100309	
	580	550	3551406100313	
	430	400	3551406100303	
	480	450	3551406100307	
	530	500	3551406100310	
	580	550	3551406100314	
	530	500	3551406100311	
	580	550	3551406100315	
	730	700	3551406100316	

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt /50)^n

Pipe Centres 50 mm	Thermal output [Watt]						Dual energy kit
	Art. nr.	Dry Weight [kg]	Surface [m²]	Water content [l]	$\Delta t=50^\circ\text{C}$	$\Delta t=30^\circ\text{C}$	
3551406100320	6,7	0,75	2,9	436	238	1,1839	500
3551406100324	8,0	0,88	3,3	489	268	1,1780	500
3551406100321	11,0	1,19	4,6	631	341	1,2071	700
3551406100325	12,0	1,30	4,9	705	383	1,1960	700
3551406100328	13,0	1,42	5,3	779	425	1,1852	700
3551406100332	13,9	1,53	5,7	852	468	1,1743	700
3551406100322	13,0	1,40	5,4	753	407	1,2065	700
3551406100326	14,2	1,54	5,9	838	455	1,1971	900
3551406100329	15,3	1,67	6,4	923	503	1,1876	900
3551406100333	16,5	1,81	6,2	1008	552	1,1782	900
3551406100323	17,5	1,87	7,3	986	533	1,2054	900
3551406100327	19,1	2,07	7,9	1090	591	1,1988	1200
3551406100330	20,5	2,24	8,5	1194	649	1,1922	1200
3551406100334	22,2	2,44	9,1	1298	708	1,1856	1200
3551406100331	23,4	2,56	9,7	1322	722	1,1853	1200
3551406100335	25,2	2,76	10,3	1438	788	1,1779	1200
3551406100336	30,7	3,38	12,5	1768	980	1,1558	1200



LUCY 18 PLUS



page 52

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel ø 30 mm.
- Double horizontal heating elements in painted mild steel ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



ACCESSORIES



Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



Kristal valve square
Pipe centres 50 mm right
white R01 - ral 9010

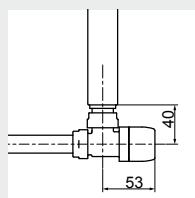
Copper conn. Ø 12/14/15
Art. nr. 5991990311186

Multilayer conn. Ø 16
Art. nr. 5991990311185

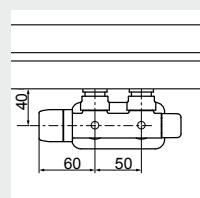


White thermostatic head

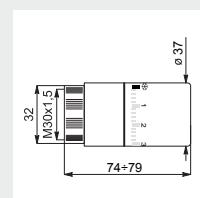
(Kit 2 pieces)
Art. nr. 5035270710016



Quotes for square Kristal valves
with thermostatic option



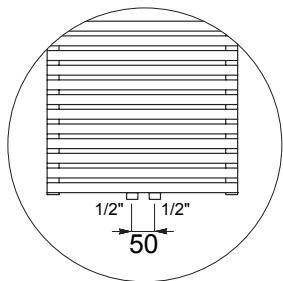
Quotes for square Kristal valves
with thermostatic option



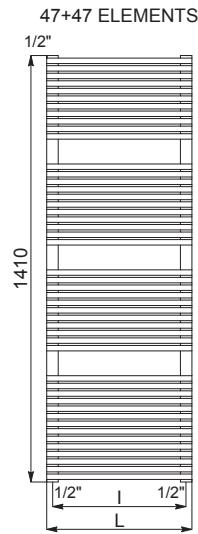
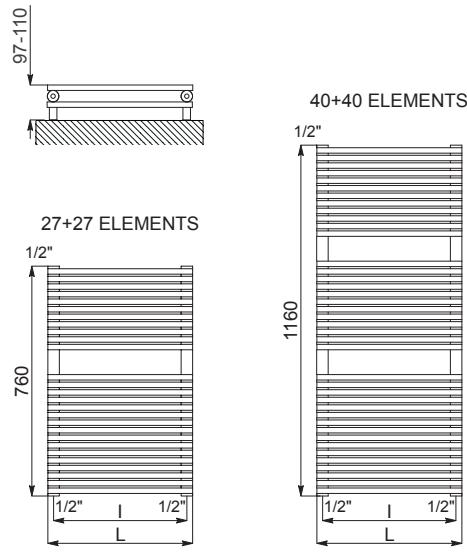
Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

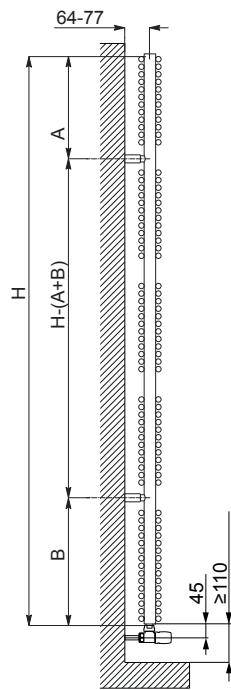
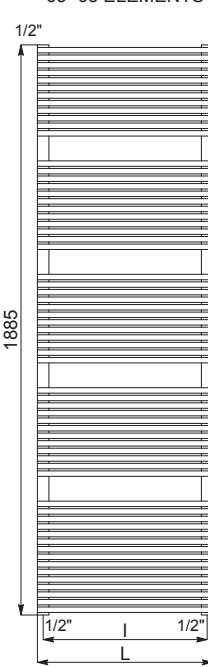
Accessories and spare parts - see from page 508



Detail of the pipe centres
50 mm version



63+63 ELEMENTS



Quotes for Kristal valves

LUCY 18 PLUS

	Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.
760	430	400	3551406101300	3551406101314
	480	450	3551406101304	3551406101318
1160	430	400	3551406101301	3551406101315
	480	450	3551406101305	3551406101319
1410	530	500	3551406101308	3551406101322
	580	550	3551406101311	3551406101325
1885	430	400	3551406101302	3551406101316
	480	450	3551406101306	3551406101320
	530	500	3551406101309	3551406101323
	580	550	3551406101312	3551406101326
	430	400	3551406101303	3551406101317
	480	450	3551406101307	3551406101321
	530	500	3551406101310	3551406101324
	580	550	3551406101313	3551406101327

Pipe Centres 50 mm

Art. nr.	Dry Weight [Kg]	Surface [m ²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	Thermal output [Watt]	Dual energy kit
3551406101314	12,7	1,4	5,1	565	298	1,2541	700	
3551406101318	14,0	1,6	5,6	711	377	1,2431	900	
3551406101315	19,5	1,2	7,9	821	432	1,2564	1200	
3551406101319	21,5	2,3	8,7	1018	538	1,2495	1200	
3551406101322	23,5	2,6	9,4	1215	643	1,2449	1200	
3551406101325	25,3	2,8	10,2	1609	854	1,2391	1200	
3551406101316	23,0	2,5	9,4	957	503	1,2576	1200	
3551406101320	25,4	2,8	10,2	1183	624	1,2529	1200	
3551406101323	27,2	3,0	11,3	1421	750	1,2498	1200	
3551406101326	30,2	3,3	12,0	1897	1004	1,2459	1200	
3551406101317	31,0	3,4	12,5	1268	666	1,2604	1200	
3551406101321	34,0	3,8	13,7	1565	822	1,2608	1200	
3551406101324	37,2	4,1	14,9	1861	977	1,2610	1200	
3551406101327	40,3	4,5	16,1	2042	1072	1,2621	1200	

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



LUCY 18 WIDE



page 54

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel ø 30 mm.
- Horizontal heating elements in painted mild steel ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



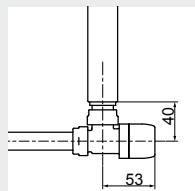
ACCESSORIES



Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



Quotes for square Kristal valves
with thermostatic option



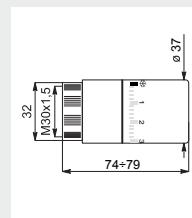
White thermostatic head

(Kit 2 pieces)
Art. nr. 5035270710016



Kit 2 Hooks
WHITE RAL 9010 - R01

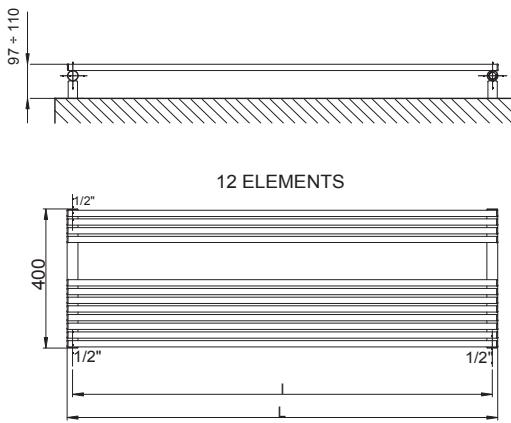
Art. nr. 5991990310388



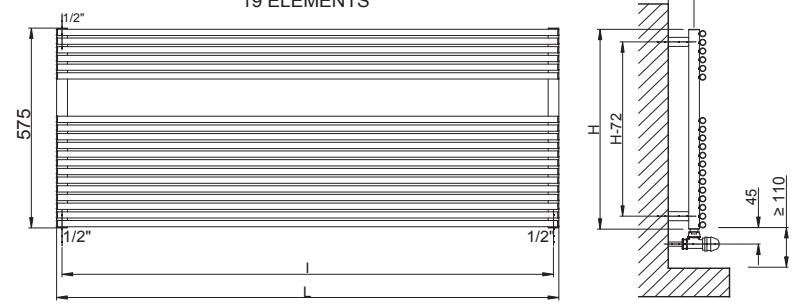
Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



12 ELEMENTS



LUCY 18 WIDE

	Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m ²]	Water content [lt]	Thermal output [Watt]		Dual energy kit
								Δt=50°C	Δt=30°C	
400	1200	1170	3551406100250		8,1	0,89	3,2	585	319	1,18905
	1400	1370	3551406100252		9,0	1,025	3,6	701	383	1,18223
575	1200	1170	3551406100251		12,6	1,4	5,0	901	493	1,1811
	1400	1370	3551406100253		14,2	1,6	5,7	1091	587	1,21455

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



LUCY 25



page 58

EUROPEAN
WARRANTY

NEW

MATERIAL:

- Vertical collectors in painted mild steel semi oval ø 30 mm.
- Horizontal heating elements in painted mild steel ø 25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



ACCESSORIES



Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

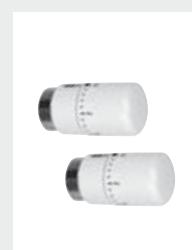
Multilayer conn. Ø 16
Art. nr. 5991990311160



Kristal valve square
Pipe centres 50 mm right
white R01 - ral 9010

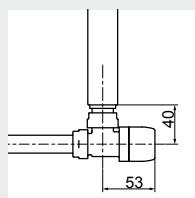
Copper conn. Ø 12/14/15
Art. nr. 5991990311186

Multilayer conn. Ø 16
Art. nr. 5991990311185

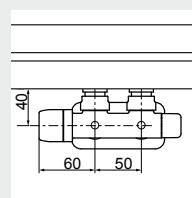


White thermostatic head

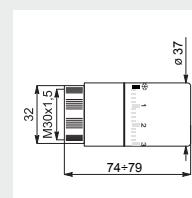
(Kit 2 pieces)
Art. nr. 5035270710016



Quotes for square Kristal valves
with thermostatic option



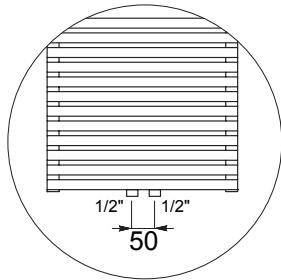
Quotes for square Kristal valves
with thermostatic option



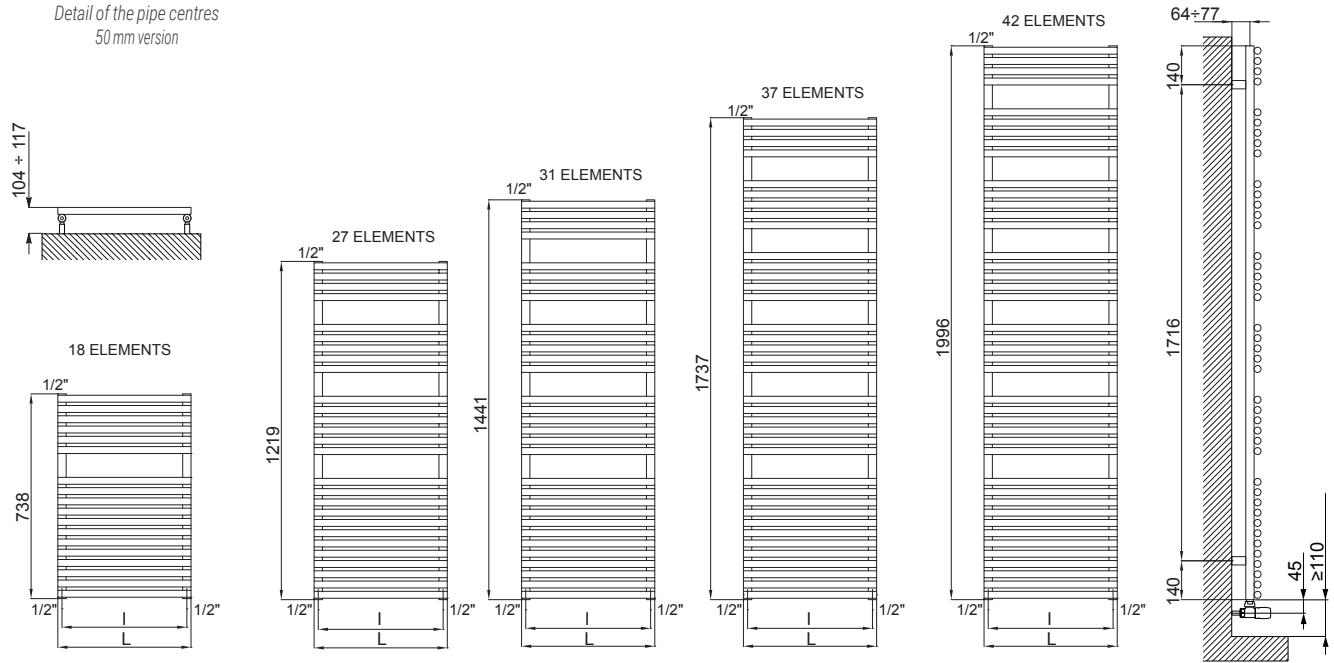
Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Detail of the pipe centres
50 mm version



Quotes for Kristal valves

LUCY 25

	Height [mm]	Width L [mm]	Pipe Centres l [mm]	Art. nr.
738	430	400	3551406100340	
	480	450	3551406100344	
	430	400	3551406100341	
1219	480	450	3551406100345	
	530	500	3551406100348	
	580	550	3551406100352	
1441	430	400	3551406100342	
	480	450	3551406100346	
	530	500	3551406100349	
1737	580	550	3551406100353	
	430	400	3551406100343	
	480	450	3551406100347	
1996	530	500	3551406100350	
	580	550	3551406100354	
	530	500	3551406100351	
1996	580	550	3551406100355	
	730	700	3551406100356	

Pipe Centres 50 mm	Thermal output [Watt]						Dual energy kit
	Art. nr.	Dry Weight [Kg]	Surface [m ²]	Water content [lt]	Δt=50°C	Δt=30°C	
3551406100360	5,8	0,747	4,1	384	210	1,1834	500
3551406100364	6,4	0,818	4,5	430	235	1,1806	500
3551406100361	9,0	1,142	6,3	589	321	1,1879	700
3551406100365	9,8	1,248	6,8	656	358	1,1873	700
3551406100368	10,6	1,354	7,4	724	395	1,1867	900
3551406100372	11,4	1,460	8,0	791	432	1,1861	900
3551406100362	10,4	1,319	7,3	684	371	1,1993	700
3551406100366	11,3	1,440	7,9	761	413	1,1942	900
3551406100369	12,2	1,562	8,6	838	457	1,1891	900
3551406100373	13,1	1,684	9,2	915	500	1,1840	900
3551406100363	12,4	1,577	8,7	813	438	1,2123	900
3551406100367	13,5	1,722	9,5	903	488	1,2060	900
3551406100370	14,6	1,868	10,2	992	537	1,1997	900
3551406100374	15,7	2,013	11,0	1082	588	1,1934	1200
3551406100371	16,6	2,125	11,6	1131	610	1,2091	1200
3551406100375	17,8	2,289	12,5	1231	666	1,2017	1200
3551406100376	21,6	2,784	15,1	1532	839	1,1798	1200

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



LUCY 25 PLUS



page 60

EUROPEAN
WARRANTY

NEW

MATERIAL:

- Vertical collectors in painted mild steel ø 30 mm.
- Double horizontal heating elements in painted mild steel ø 25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



ACCESSORIES



Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



Kristal valve square
Pipe centres 50 mm right
white R01 - ral 9010

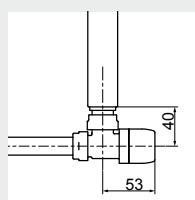
Copper conn. Ø 12/14/15
Art. nr. 5991990311186

Multilayer conn. Ø 16
Art. nr. 5991990311185

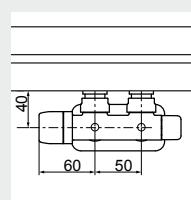


White thermostatic head

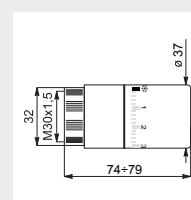
(Kit 2 pieces)
Art. nr. 5035270710016



Quotes for square Kristal valves
with thermostatic option



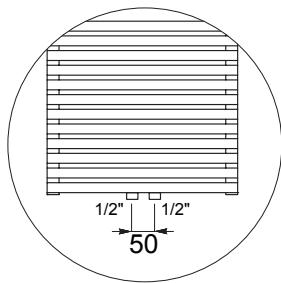
Quotes for square Kristal valves
with thermostatic option



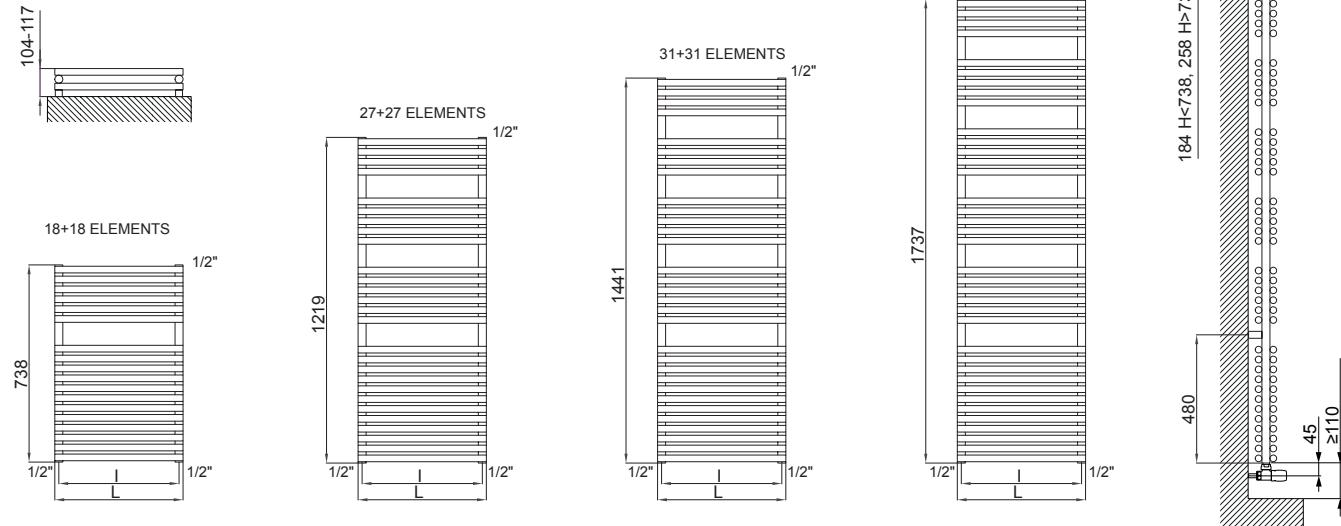
Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Detail of the pipe centres
50 mm version



Quotes for Kristal valves

LUCY 25 PLUS

	Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.
738	430	400	3551406101400	
	480	450	3551406101404	
1219	430	400	3551406101401	
	480	450	3551406101405	
1441	530	500	3551406101408	
	580	550	3551406101411	
1737	430	400	3551406101402	
	480	450	3551406101406	
	530	500	3551406101409	
	580	550	3551406101412	
	430	400	3551406101403	
	480	450	3551406101407	
	530	500	3551406101410	
	580	550	3551406101413	

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt /50)ⁿ

Pipe Centres 50 mm	Thermal output [Watt]						Dual energy kit
	Art. nr.	Dry Weight [Kg]	Surface [m ²]	Water content [l]	$\Delta t=50^\circ\text{C}$	$\Delta t=30^\circ\text{C}$	
3551406101414	11,07	1,44	7,76	543	294	1,1980	600
3551406101418	11,50	1,50	8,06	611	331	1,1982	700
3551406101415	15,84	2,05	11,11	816	434	1,2379	900
3551406101419	17,43	2,27	12,23	915	487	1,2339	1200
3551406101422	19,03	2,48	13,35	1014	541	1,2300	1200
3551406101425	20,63	2,69	14,47	1112	595	1,2260	1200
3551406101416	18,25	2,37	12,80	945	496	1,2618	1200
3551406101420	20,09	2,61	14,09	1057	557	1,2536	1200
3551406101423	21,92	2,85	15,38	1169	619	1,2455	1200
3551406101426	23,76	3,10	16,66	1282	681	1,2374	1200
3551406101417	21,81	2,83	15,30	1123	590	1,2599	1200
3551406101421	24,01	3,12	16,84	1252	661	1,2521	1200
3551406101424	26,20	3,41	18,37	1382	732	1,2442	1200
3551406101427	28,39	3,70	19,91	1512	804	1,2364	1200



LUCY 25

CHROMED



page 62

**EUROPEAN
WARRANTY**
NEW**MATERIAL:**

- Vertical collectors in mild steel Ø 30 mm.
- Horizontal heating elements in mild steel Ø 25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

FINISHING:

CHROMED (PLATED IN ITALY)

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS**ACCESSORIES**

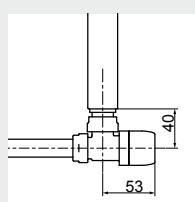
Kristal valve square with thermostatic option-chromed

Copper conn. Ø 12/14/15
Art. nr. 5991990311155Multilayer conn. Ø 16
Art. nr. 5991990311166

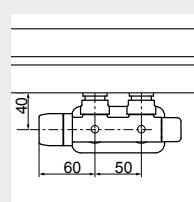
Kristal valve square pipe centres 50 mm with thermostatic option-chromed

Copper conn. Ø 12/14/15
Art. nr. 5991990301150Multilayer conn. Ø 16
Art. nr. 5991990301149

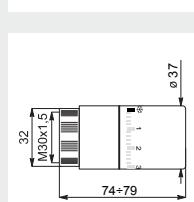
Chromed thermostatic head

(Kit 2 pieces)
Art. nr. 5035270710015

Quotes for square Kristal valves with thermostatic option



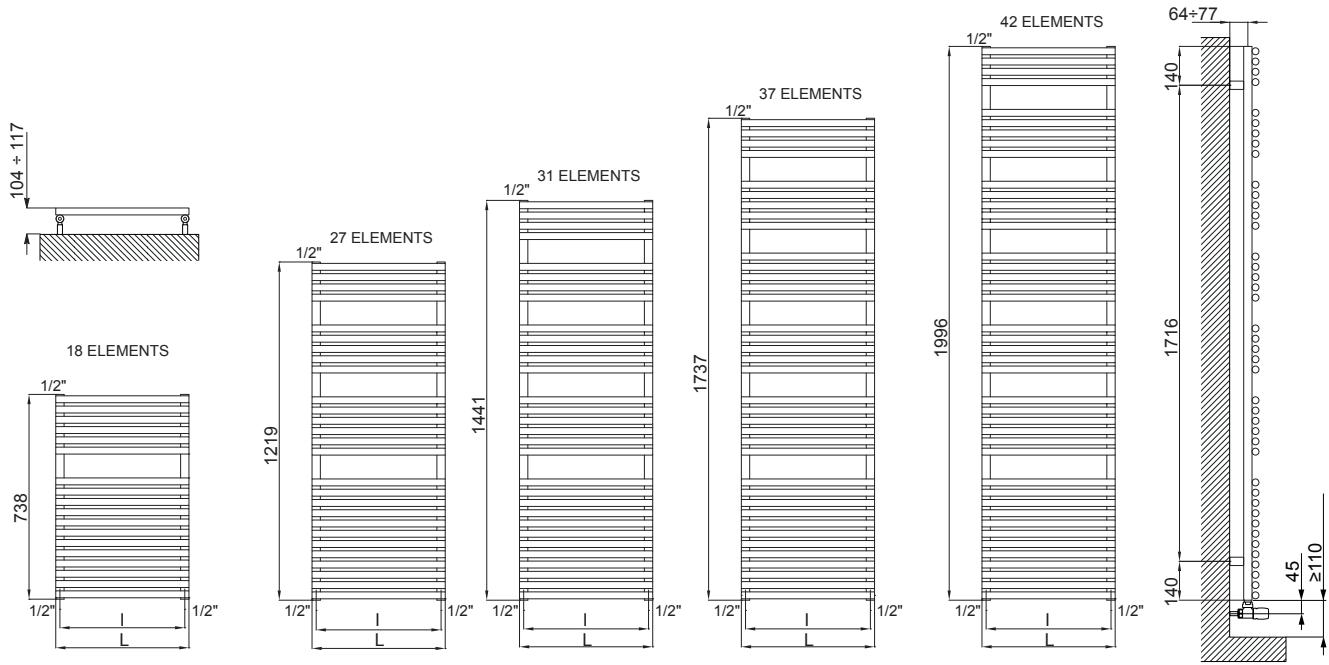
Quotes for square Kristal valves with thermostatic option



Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508

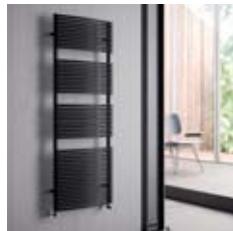


Quotes for Kristal valves

LUCY 25 CHROMED

	Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m ²]	Water content [lt]	Thermal output [Watt]		Dual energy kit
								Δt=50°C	Δt=30°C	
738	430	400	3551406110001	5,8	0,747	4,1	290	162	1,1418	300
	480	450	3551406110005	6,4	0,818	4,5	323	180	1,1513	400
1219	430	400	3551406110002	9,0	1,142	6,3	439	243	1,1615	500
	480	450	3551406110006	9,8	1,248	6,8	464	257	1,1565	500
1441	530	500	3551406110009	10,6	1,354	7,4	507	281	1,1516	600
	580	550	3551406110013	11,4	1,460	8,0	577	322	1,1460	600
1737	430	400	3551406110003	10,4	1,319	7,3	506	282	1,1405	600
	480	450	3551406110007	11,3	1,440	7,9	589	325	1,1676	700
1996	530	500	3551406110010	12,2	1,562	8,6	615	340	1,1562	700
	580	550	3551406110014	13,1	1,684	9,2	640	354	1,1606	700
1737	430	400	3551406110004	12,4	1,577	8,7	601	333	1,1568	700
	480	450	3551406110008	13,5	1,722	9,5	677	376	1,1529	700
1996	530	500	3551406110011	14,6	1,868	10,2	706	390	1,1644	700
	580	550	3551406110015	15,7	2,013	11,0	768	423	1,1666	700
1996	530	500	3551406110012	16,6	2,125	11,6	847	468	1,1638	900
	580	550	3551406110016	17,8	2,289	12,5	910	503	1,1610	900
	730	700	3551406110017	21,6	2,784	15,1	1054	581	1,1659	900

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



BRIGITTE



page 64

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel ø 30 mm.
- Curved horizontal heating elements in painted mild steel ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



ACCESSORIES



Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



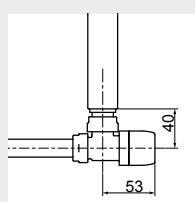
White thermostatic head

(Kit 2 pieces)
Art. nr. 5035270710016

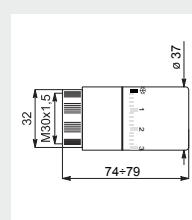


Kit 2 Hooks
WHITE RAL 9010 - R01

Art. nr. 5991990310388



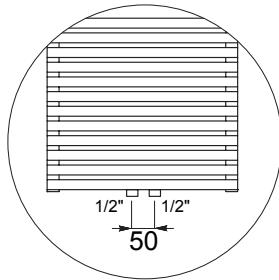
Quotes for square Kristal valves
with thermostatic option



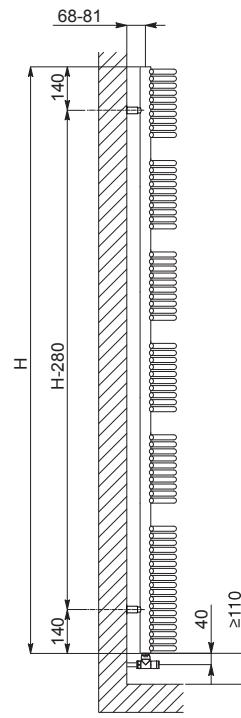
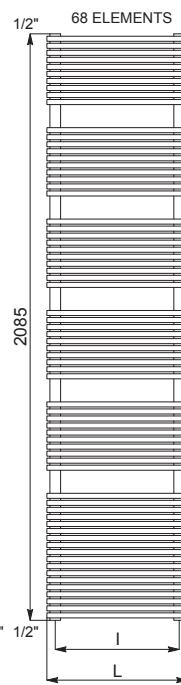
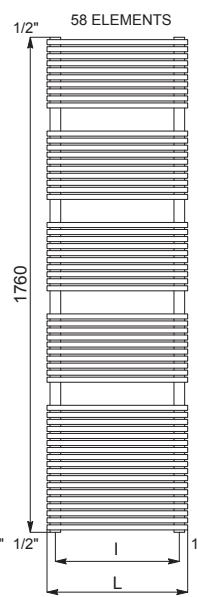
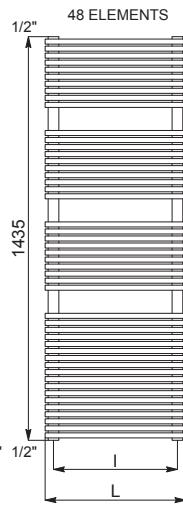
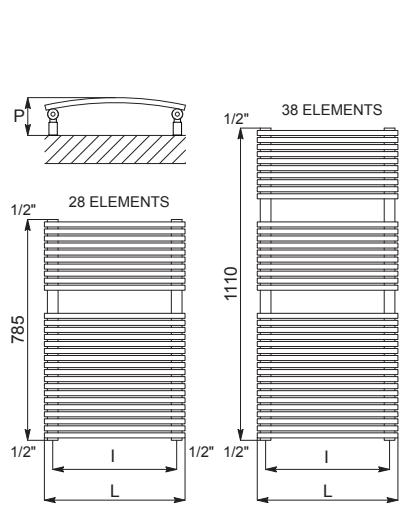
Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Detail of the pipe centres
50 mm version



Quotes for Kristal valves

BRIGITTE

	Height [mm]	Width L [mm]	Pipe Centres l [mm]	Art. nr.
785	400	350	3551406102150	
	450	400	3551406102154	
	400	350	3551406102151	
	450	400	3551406102155	
1110	500	450	3551406102158	
	550	500	3551406102162	
	600	550	3551406102166	
	400	350	3551406102152	
1435	450	400	3551406102156	
	500	450	3551406102159	
	550	500	3551406102163	
	600	550	3551406102167	
1760	400	350	3551406102153	
	450	400	3551406102157	
	500	450	3551406102160	
	550	500	3551406102164	
2085	600	550	3551406102168	
	500	450	3551406102161	
	550	500	3551406102165	
	750	700	3551406102170	

Pipe Centres 50 mm

Art. nr.	P [mm]	Dry Weight [Kg]	Surface [m ²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	Dual energy kit [Watt]
3551406102171	116÷129	7,6	0,77	3,0	425	229	1,2122	500
3551406102175	122÷134	7,9	0,86	3,3	554	301	1,1946	700
3551406102172	116÷129	9,8	1,07	4,2	567	304	1,2200	700
3551406102176	122÷134	10,8	1,17	4,5	690	372	1,2100	700
3551406102179	129÷141	11,8	1,28	4,9	732	396	1,2007	900
3551406102183	137÷149	12,7	1,38	5,3	814	433	1,2360	900
3551406102187	146÷158	13,7	1,49	5,6	897	489	1,1885	1200
3551406102173	116÷129	12,3	1,35	5,3	713	381	1,2278	900
3551406102177	122÷134	13,8	1,49	5,8	789	422	1,2254	1200
3551406102180	129÷141	14,8	1,68	6,0	912	492	1,2068	1200
3551406102184	137÷149	16,7	1,73	6,7	916	496	1,2011	1200
3551406102188	146÷158	17,4	1,80	7,2	1111	604	1,1935	1200
3551406102174	116÷129	15,2	1,64	6,4	863	459	1,2355	1200
3551406102178	122÷134	16,7	1,80	7,0	954	510	1,2255	1200
3551406102181	129÷141	18,1	1,97	7,5	1095	589	1,2130	1200
3551406102185	137÷149	19,5	2,14	8,1	1132	611	1,2058	1200
3551406102189	146÷158	21,0	2,30	8,6	1327	719	1,1984	1200
3551406102182	129÷141	21,3	2,31	8,9	1281	687	1,2191	1200
3551406102186	137÷149	23,1	2,50	9,5	1544	835	1,2034	1200
3551406102191	158÷170	29,7	3,20	12,1	1953	1040	1,2330	1200

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



GLORIA 18



page 66

EUROPEAN
WARRANTY

NEW

MATERIAL:

- Vertical collectors in painted mild steel ø 30 mm.
- Horizontal heating elements in painted mild steel ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



ACCESSORIES



Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



Kristal valve square
Pipe centres 50 mm right
white R01 - ral 9010

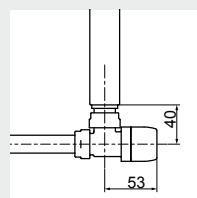
Copper conn. Ø 12/14/15
Art. nr. 5991990311186

Multilayer conn. Ø 16
Art. nr. 5991990311185

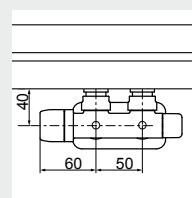


White thermostatic head

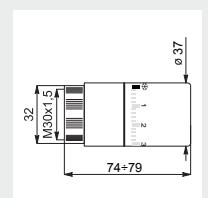
(Kit 2 pieces)
Art. nr. 5035270710016



Quotes for square Kristal valves
with thermostatic option



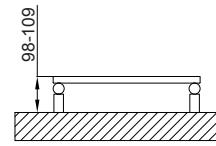
Quotes for square Kristal valves
with thermostatic option



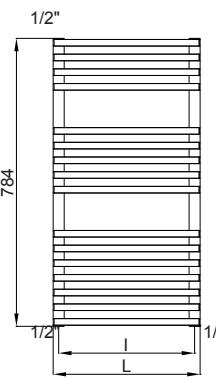
Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

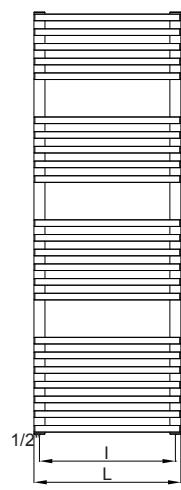
Accessories and spare parts - see from page 508



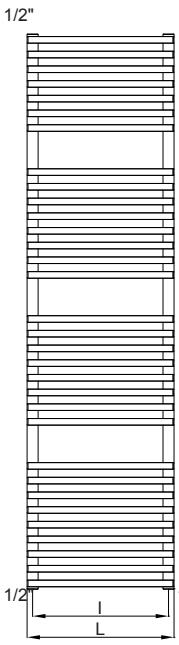
23 ELEMENTS



16 ELEMENTS

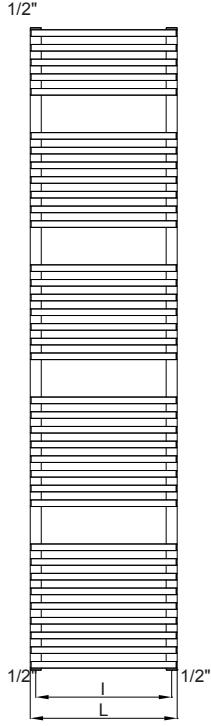


32 ELEMENTS

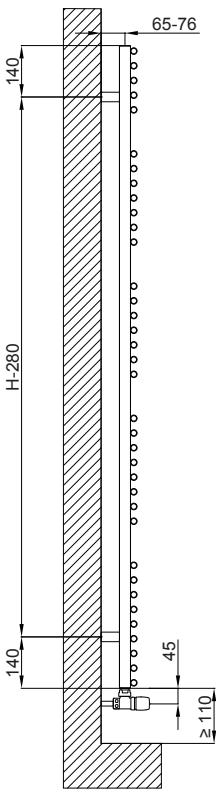


1/2"

36 ELEMENTS



1/2"



Quotes for Kristal valves

GLORIA 18

	Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m ²]	Water content [lt]	Thermal output [Watt]			Dual energy kit [Watt]
								Δt=50°C	Δt=30°C	Exp. n	
780	430	400	3551666100140	5,1	0,537	2,2	347	192	1,1628	400	
	480	450	3551666100141	5,5	0,582	2,4	374	208	1,1533	400	
	530	500	3551666100142	5,6	0,627	2,6	413	229	1,1540	500	
	580	550	3551666100143	6,3	0,673	2,7	429	240	1,1344	500	
	430	400	3551666100145	7,3	0,77	3,2	477	259	1,1959	600	
1150	480	450	3551666100146	7,9	0,84	3,4	519	283	1,1905	600	
	530	500	3551666100147	8	0,906	3,7	573	313	1,1825	700	
	580	550	3551666100148	9,1	0,971	3,8	604	331	1,1797	700	
	430	400	3551666100150	10	1,063	4,4	622	335	1,2128	700	
1500	480	450	3551666100151	10,8	1,154	4,7	680	366	1,2100	700	
	530	500	3551666100152	11	1,238	5	750	406	1,2012	900	
	580	550	3551666100153	12,4	1,335	5,3	796	430	1,2045	900	
1750	430	400	3551666100155	11,4	1,205	5	728	390	1,2238	900	
	480	450	3551666100156	12,3	1,307	5,3	797	427	1,2229	900	
	530	500	3551666100157	12,5	1,409	5,7	880	472	1,2211	900	
	580	550	3551666100158	14,1	1,511	6	935	501	1,2209	900	

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δ than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



GLORIA 22



page 68

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel ø 30 mm.
- Horizontal heating elements in painted mild steel ø 22 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Electric (see page 338-364)	<input checked="" type="checkbox"/> Dual energy (see page 366-524)
--------------	---	--	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



ACCESSORIES



Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



Kristal valve square
Pipe centres 50 mm right
white R01 - ral 9010

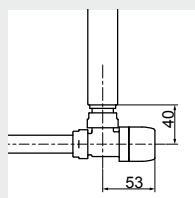
Copper conn. Ø 12/14/15
Art. nr. 5991990311186

Multilayer conn. Ø 16
Art. nr. 5991990311185

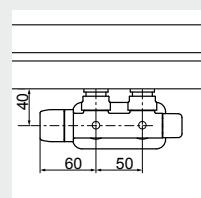


White thermostatic head

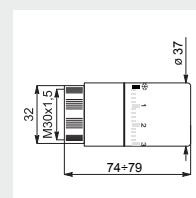
(Kit 2 pieces)
Art. nr. 5035270710016



Quotes for square Kristal valves
with thermostatic option



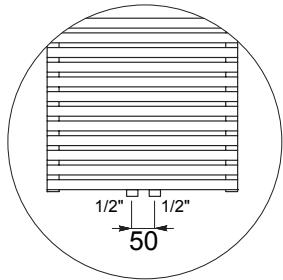
Quotes for square Kristal valves
with thermostatic option



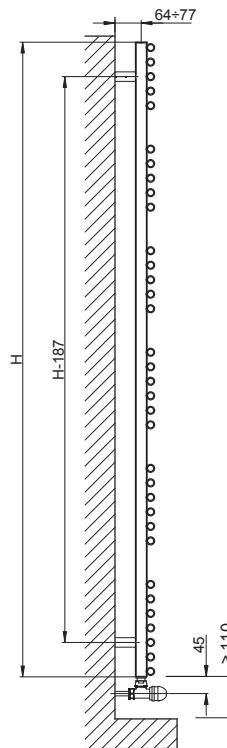
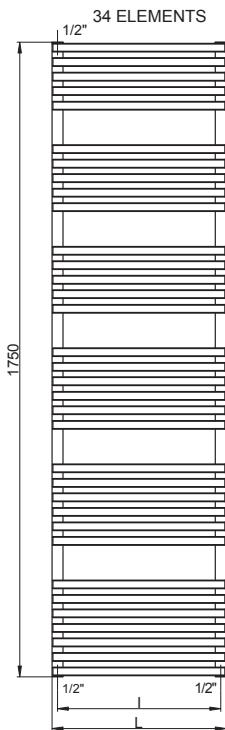
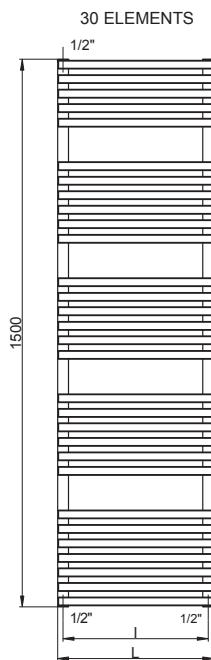
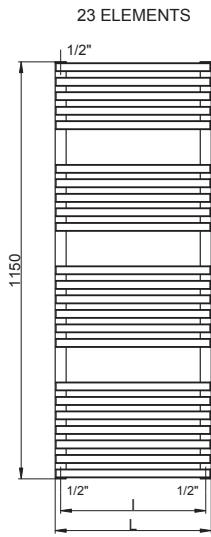
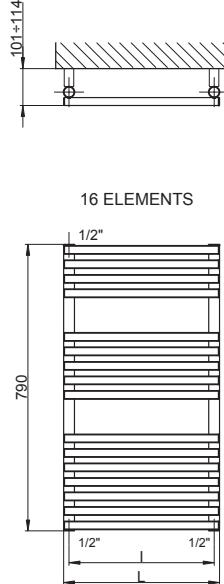
Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Detail of the pipe centres
50 mm version



Quotes for Kristal valves

GLORIA 22

	Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.
790	430	400	3551666100101	
	480	450	3551666100102	
	430	400	3551666100103	
	480	450	3551666100104	
1150	530	500	3551666100105	
	580	550	3551666100106	
	630	600	3551666100107	
	430	400	3551666100108	
1500	480	450	3551666100109	
	530	500	3551666100110	
	580	550	3551666100111	
	630	600	3551666100112	
1750	480	450	3551666100113	
	530	500	3551666100114	
	580	550	3551666100115	
	630	600	3551666100116	
	730	700	3551666100117	

Pipe Centres 50 mm	Thermal output [Watt]						Dual energy kit
	Art. nr.	Dry Weight [Kg]	Surface [m ²]	Water content [l]	Δt=50°C	Δt=30°C	
3551666100121	6,1	0,61	3,0	364	203	1,1418	400
3551666100122	6,6	0,66	3,1	401	224	1,1513	500
3551666100123	8,8	0,88	4,2	516	285	1,1615	600
3551666100124	9,5	0,95	4,6	567	314	1,1565	700
3551666100125	10,2	1,03	5,0	617	343	1,1516	700
3551666100126	10,9	1,10	5,3	668	372	1,1460	700
3551666100127	11,8	1,18	5,7	719	402	1,1405	900
3551666100128	11,4	1,14	5,5	668	368	1,1576	700
3551666100129	12,3	1,25	6,3	732	404	1,1562	900
3551666100130	13,2	1,32	6,5	796	440	1,1606	900
3551666100131	14,2	1,44	6,9	860	476	1,1568	900
3551666100132	15,0	1,53	7,3	924	513	1,1529	900
3551666100133	14,0	1,41	6,9	842	463	1,1644	900
3551666100134	15,1	1,52	7,4	915	504	1,1666	900
3551666100135	16,1	1,64	7,9	989	546	1,1638	1200
3551666100136	17,1	1,75	8,4	1062	587	1,1610	1200
3551666100137	19,2	1,97	9,4	1208	670	1,1659	1200

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)^n



GLORIA 22 PLUS



page 70

EUROPEAN
WARRANTY

NEW

MATERIAL:

- Vertical collectors in painted mild steel ø 30 mm.
- Double horizontal heating elements in painted mild steel ø 22 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



EURO NORM
EN 442-1
RADIATORS AND CONVECTORS



ACCESSORIES



Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



Kristal valve square
Pipe centres 50 mm right
white R01 - ral 9010

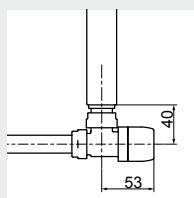
Copper conn. Ø 12/14/15
Art. nr. 5991990311186

Multilayer conn. Ø 16
Art. nr. 5991990311185

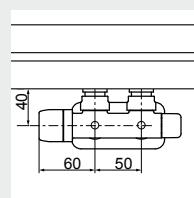


White thermostatic head

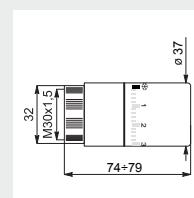
(Kit 2 pieces)
Art. nr. 5035270710016



Quotes for square Kristal valves
with thermostatic option



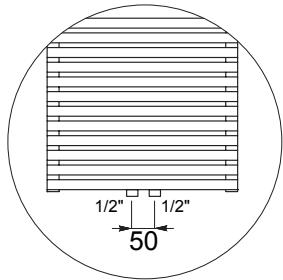
Quotes for square Kristal valves
with thermostatic option



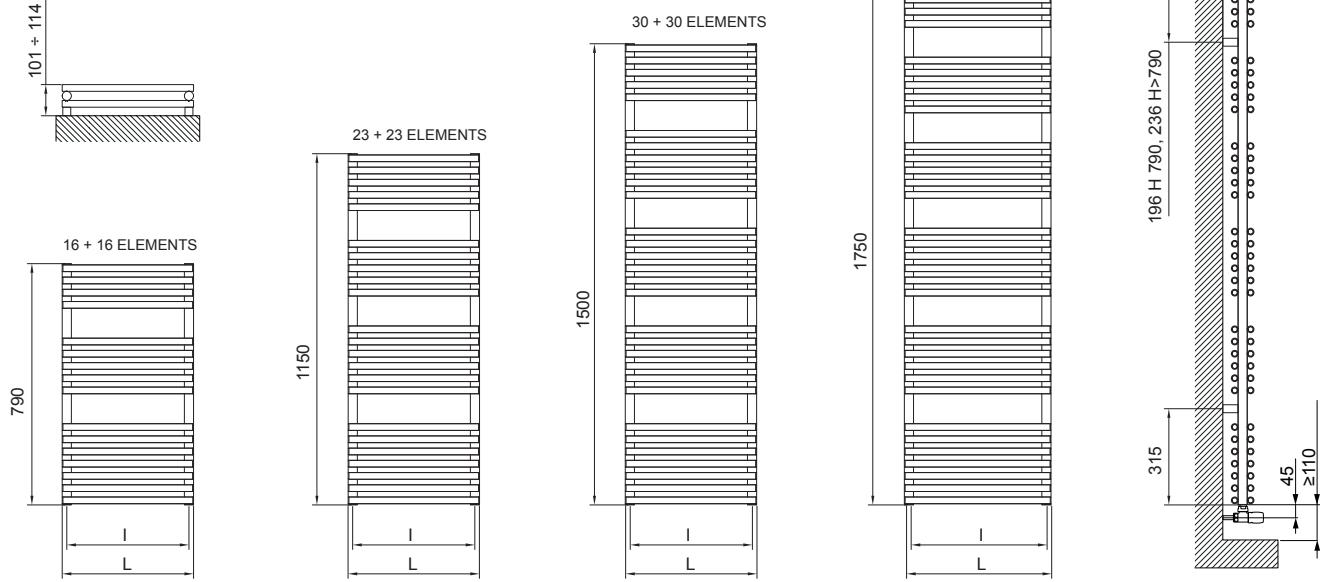
Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Detail of the pipe centres
50 mm version



Quotes for Kristal valves

GLORIA 22 PLUS

	Height [mm]	WIDTH L [mm]	Pipe Centres I [mm]	Art. nr.
790	430	400	3551666100201	3551666100221
	480	450	3551666100202	3551666100222
	430	400	3551666100203	3551666100223
	480	450	3551666100204	3551666100224
1150	530	500	3551666100205	3551666100225
	580	550	3551666100206	3551666100226
	630	600	3551666100207	3551666100227
	430	400	3551666100208	3551666100228
1500	480	450	3551666100209	3551666100229
	530	500	3551666100210	3551666100230
	580	550	3551666100211	3551666100231
	630	600	3551666100212	3551666100232
1750	480	450	3551666100213	3551666100233
	530	500	3551666100214	3551666100234
	580	550	3551666100215	3551666100235
	630	600	3551666100216	3551666100236
	730	700	3551666100217	3551666100237

Pipe Centres 50 mm	Thermal output [Watt]						Dual energy kit
	Dry Weight [Kg]	Surface [m ²]	Water content [l]	Δt=50°C	Δt=30°C	Exp. n	
3551666100221	8,48	1,10	5,26	546	294	1,2095	600
3551666100222	9,30	1,21	5,77	642	345	1,2149	700
3551666100223	12,21	1,58	7,59	748	403	1,2090	900
3551666100224	13,40	1,74	8,31	822	444	1,2082	900
3551666100225	14,59	1,90	9,03	926	499	1,2096	900
3551666100226	15,79	2,06	9,75	1002	540	1,2093	1200
3551666100227	16,98	2,22	10,48	1079	588	1,1888	1200
3551666100228	15,94	2,07	9,91	935	501	1,2221	900
3551666100229	17,50	2,27	10,85	1025	550	1,2168	1200
3551666100230	19,05	2,48	11,79	1154	617	1,2274	1200
3551666100231	20,61	2,69	12,74	1247	672	1,2095	1200
3551666100232	22,16	2,90	13,68	1340	721	1,2125	1200
3551666100233	19,90	2,59	12,34	1137	606	1,2316	1200
3551666100234	21,66	2,82	13,41	1235	655	1,2420	1200
3551666100235	23,42	3,06	14,48	1385	741	1,2240	1200
3551666100236	25,19	3,29	15,55	1540	826	1,2204	1200
3551666100237	28,71	3,76	17,69	1752	937	1,2252	1200

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



GLORIA 22 CHROMED

page 72

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in mild steel ø 30 mm.
- Horizontal heating elements in mild steel ø 22 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

FINISHING:

CHROMED (PLATED IN ITALY)

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Electric (see page 340)	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



EURO NORM
EN 442-1
RADIATORS AND CONVECTORS



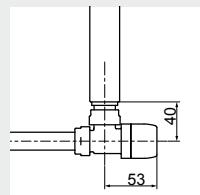
ACCESSORIES



Kristal valve square with
thermostatic option-
chromed

Copper conn. Ø 12/14/15
Art. nr. 5991990311165

Multilayer conn. Ø 16
Art. nr. 5991990311166



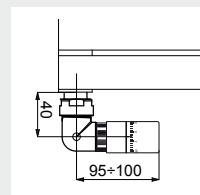
Quotes for square Kristal valves
with thermostatic option



Kristal valve corner with
thermostatic option-
chromed

Copper conn. Ø 12/14/15
Art. nr. 5991990301148

Multilayer conn. Ø 16
Art. nr. 5991990301147

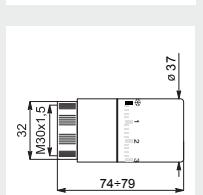


Quotes for corner Kristal valves with
thermostatic option



Chromed thermostatic
head

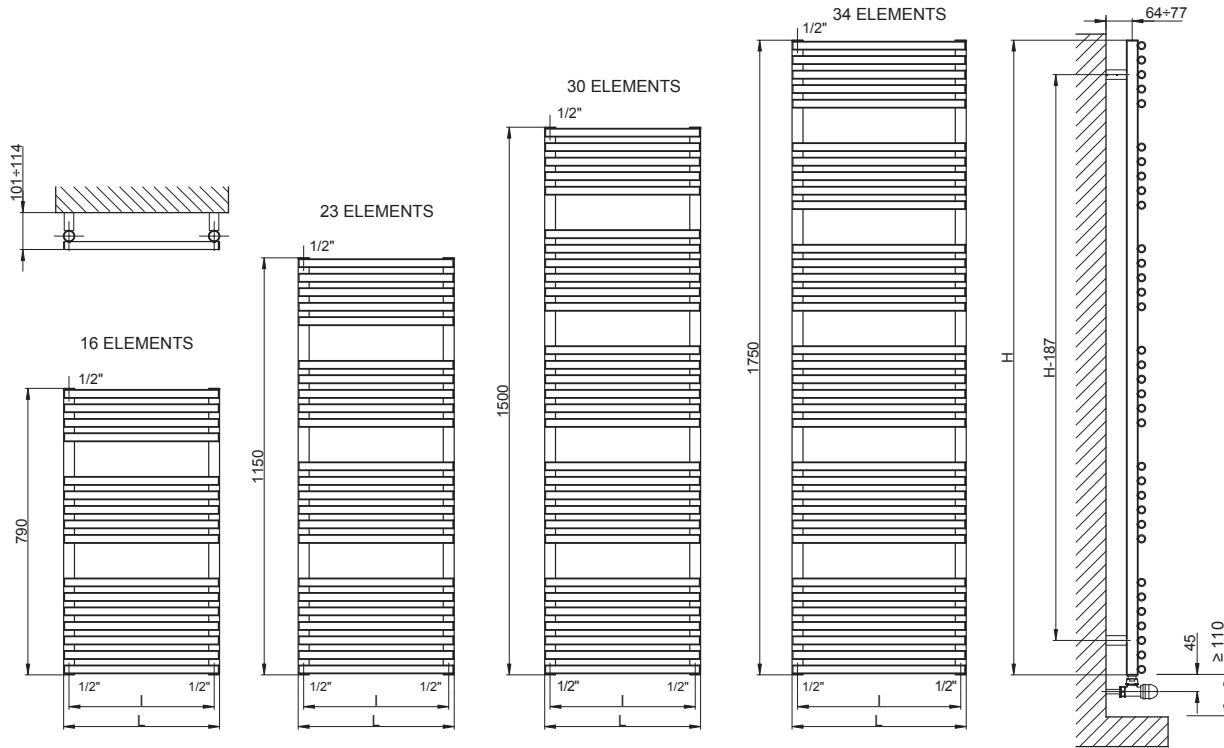
(Kit 2 pieces)
Art. nr. 5035270710015



Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Quotes for Kristal valves

GLORIA 22 CHROMED

	Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Thermal output [Watt]					Dual energy kit
					Dry Weight [Kg]	Surface [m ²]	Water content [lt]	Δt=50°C	Δt=30°C	
790	430	400	3551666101101	6,1	0,61	3,0	279	151	1,1983	300
	480	450	3551666101102	6,6	0,66	3,1	302	164	1,1941	300
	430	400	3551666101103	8,8	0,88	4,2	392	209	1,2348	400
	480	450	3551666101104	9,5	0,95	4,6	426	228	1,2250	500
1150	530	500	3551666101105	10,2	1,03	5,0	460	247	1,2153	500
	580	550	3551666101106	10,9	1,10	5,3	494	267	1,2055	600
	630	600	3551666101107	11,8	1,18	5,7	528	287	1,1958	600
	430	400	3551666101108	11,4	1,41	5,5	502	268	1,2281	600
1500	480	450	3551666101109	12,3	1,25	6,3	546	292	1,2219	600
	530	500	3551666101110	13,2	1,32	6,5	591	318	1,2157	700
	580	550	3551666101111	14,2	1,44	6,9	636	343	1,2095	700
	630	600	3551666101112	15,0	1,53	7,3	680	368	1,2033	700
1750	480	450	3551666101113	6,8	1,41	6,7	626	336	1,2198	600
	530	500	3551666101114	7,3	1,50	7,4	678	364	1,2160	700
	580	550	3551666101115	7,9	1,63	7,9	730	393	1,2123	900
	630	600	3551666101116	8,4	1,75	8,4	782	422	1,2085	900
	730	700	3551666101117	8,9	1,86	8,9	886	480	1,2009	900

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)%



GLORIA 22

WIDE



page 78

EUROPEAN
WARRANTY**MATERIAL:**

- Vertical collectors in painted mild steel ø 30 mm.
- Horizontal heating elements in painted mild steel ø 22 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

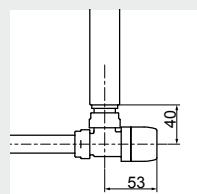
P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS**ACCESSORIES**

Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



Quotes for square Kristal valves
with thermostatic option



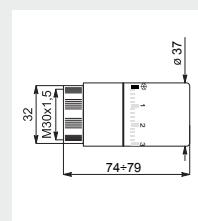
White thermostatic head

(Kit 2 pieces)
Art. nr. 5035270710016

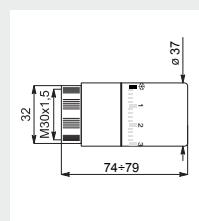


Chromed thermostatic head

(Kit 2 pieces)
Art. nr. 5035270710015



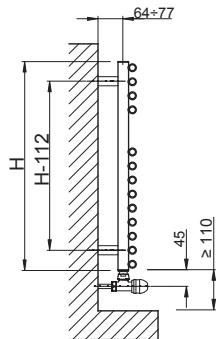
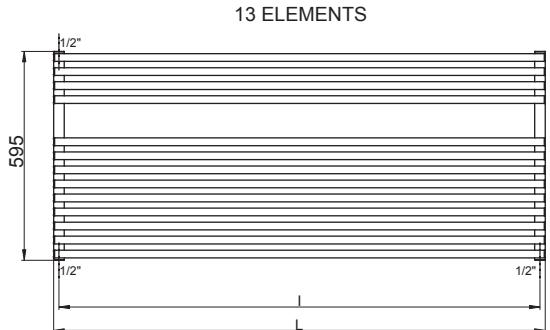
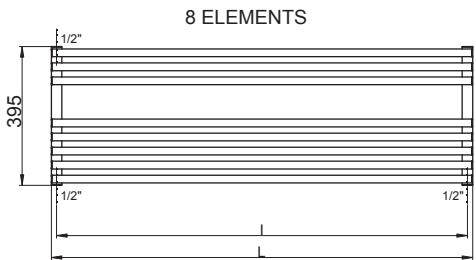
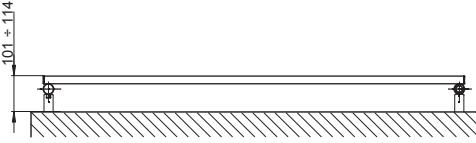
Thermostatic head quotes



Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Quotes for Kristal valves

GLORIA 22 WIDE

	Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m2]	Water content [lt]	Thermal output [Watt]		Dual energy kit [Watt]
								$\Delta t=50^\circ\text{C}$	$\Delta t=30^\circ\text{C}$	
395	1200	1170	3551666100001	6,7	0,73	3,5	488	268	1,1717	400
	1400	1370	3551666100003	7,7	0,85	3,8	565	308	1,1860	400
595	1200	1170	3551666100002	10,8	1,9	5,3	788	425	1,2070	700
	1400	1370	3551666100004	12,4	1,37	6,2	911	495	1,1954	700

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C , please refer to the following formula: desired output = output at $\Delta t 50^\circ\text{C}$ x (desired $\Delta t/50$)ⁿ



DORY



page 82

**EUROPEAN
WARRANTY**

MATERIAL:

- Vertical collectors in painted mild steel ø 30 mm.
- Horizontal heating elements in painted mild steel da 50x10 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Electric (see page 342-368)	<input checked="" type="checkbox"/> Dual energy (see page 370-524)
--------------	---	---	--

P. Max: 5 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



ACCESSORIES



Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



Kit 2 Hooks
WHITE RAL 9010 - R01

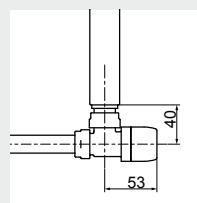
Art. nr. 5991990310389



Towel bar
WHITE RAL 9010 - R01
(width 390 mm)

Available with width
≥ 500 mm

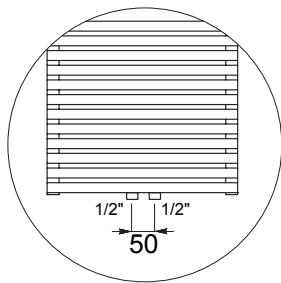
Art. nr. 5991990331127



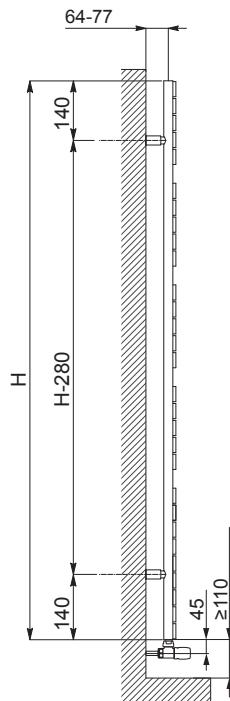
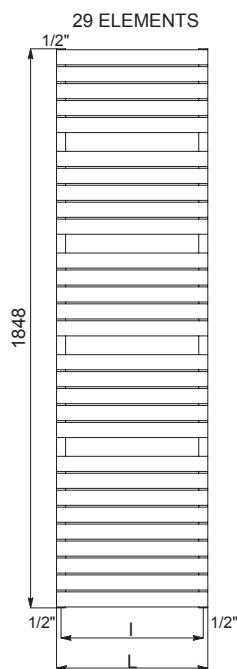
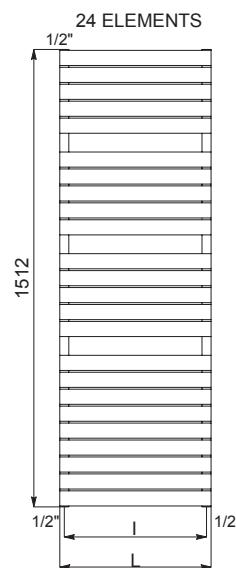
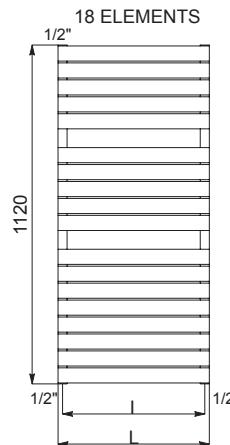
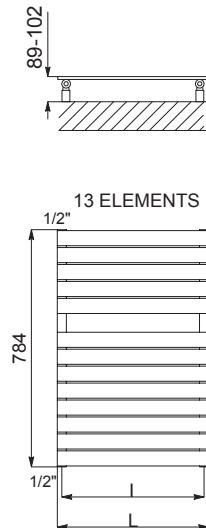
Quotes for square Kristal valves
with thermostatic option

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Detail of the pipe centres
50 mm version



DORY

	Height [mm]	WIDTH L [mm]	Pipe Centres 1 [mm]	Art. nr.
784	400	370	3551426100200	
	500	470	3551426100210	
1120	400	370	3551426100201	
	500	470	3551426100211	
1512	600	570	3551426100221	
	400	370	3551426100202	
1848	500	470	3551426100212	
	600	570	3551426100222	
	400	370	3551426100203	
	500	470	3551426100213	
	600	570	3551426100223	

Pipe Centres 50 mm	Thermal output [Watt]						Dual energy kit
Art. nr.	Dry Weight [Kg]	Surface [m ²]	Water content [t]	Δt=50°C	Δt=30°C	Exp. n	[Watt]
3551426100230	7,3	0,772	2,8	355	195	1,1761	400
3551426100240	8,7	0,928	3,2	442	243	1,1679	500
3551426100231	10,2	1,075	3,9	482	265	1,1741	500
3551426100241	12,1	1,291	4,5	592	326	1,1693	700
3551426100251	14,1	1,507	5,2	702	387	1,1660	700
3551426100232	13,6	1,437	5,2	631	347	1,1716	700
3551426100242	16,2	1,725	6,1	767	422	1,1709	900
3551426100252	18,8	2,013	6,9	904	497	1,1704	900
3551426100233	16,5	1,740	6,3	751	413	1,1696	900
3551426100243	19,6	2,088	7,4	911	501	1,1722	900
3551426100253	22,8	2,436	8,4	1071	588	1,1740	1200

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



KATIA VX



page 88

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel Ø 30 mm.
- Horizontal heating elements in painted mild steel 15x20 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



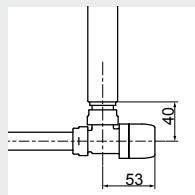
ACCESSORIES



Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



Quotes for square Kristal valves
with thermostatic option



Kit 2 Hooks
WHITE RAL 9010 - R01

Art. nr. 5991990310391



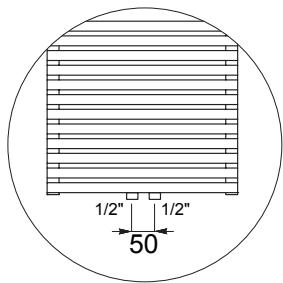
Towel bar
WHITE RAL 9010 - R01
(width 440 mm)

Available with width
≥ 500 mm

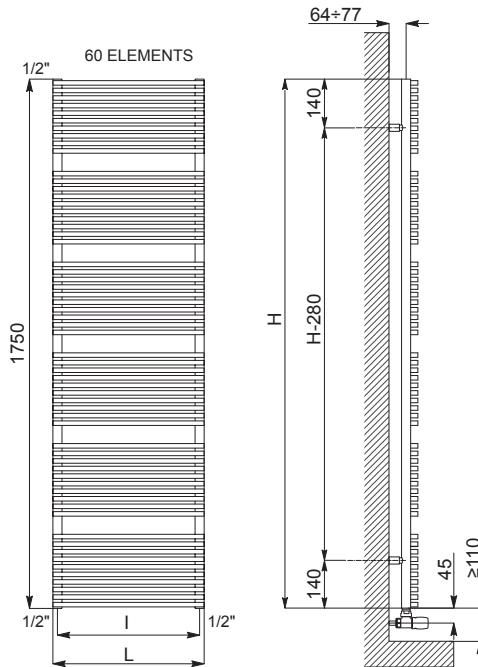
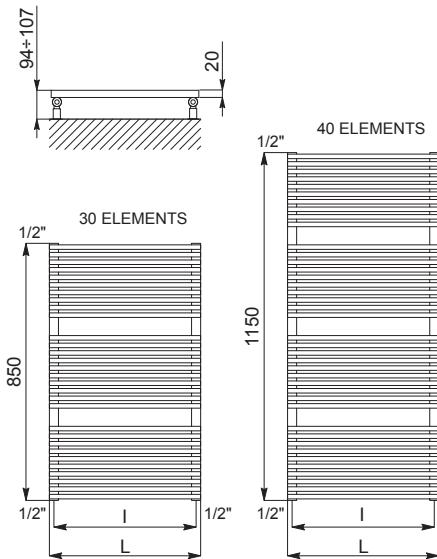
Art. nr. 5991990331129

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Detail of the pipe centres
50 mm version



Quotes for Kristal valves

KATIA VX

	Height [mm]	WIDTH L [mm]	Pipe Centres I [mm]	Art. nr.
850	400	370	3551826101001	
	500	470	3551826101005	
1150	400	370	3551826101002	
	500	470	3551826101006	
1450	600	570	3551826101009	
	800	770	3551826101012	
1750	400	370	3551826101003	
	500	470	3551826101007	
	600	570	3551826101010	
	800	770	3551826101013	
	400	370	3551826101004	
	500	470	3551826101008	
	600	570	3551826101011	
	800	770	3551826101014	

Pipe Centres 50 mm	Thermal output [Watt]						Dual energy kit
	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	
3551826101101	9,3	1,00	2,68	474	256	1,2065	500
3551826101105	11,2	1,21	3,12	571	310	1,1965	700
3551826101102	12,4	1,33	3,60	580	311	1,2224	700
3551826101106	14,9	1,61	4,18	731	392	1,2186	900
3551826101109	17,3	1,89	4,75	886	476	1,2147	900
3551826101112	23,4	2,45	6,38	1196	645	1,2100	1200
3551826101103	15,6	1,67	4,52	723	385	1,2354	900
3551826101107	18,6	2,03	5,24	892	477	1,2270	900
3551826101110	21,7	2,37	5,96	1064	571	1,2185	1200
3551826101113	29,3	3,00	8,00	1408	760	1,2077	1200
3551826101104	18,7	2,00	5,43	861	454	1,2542	900
3551826101108	22,4	2,45	6,29	1058	564	1,2315	1200
3551826101111	26,0	2,85	7,16	1259	679	1,2084	1200
3551826101114	35,2	3,60	9,61	1661	909	1,1794	1200

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



KATIA VX PLUS

page 90

EUROPEAN
WARRANTY

NEW

MATERIAL:

- Vertical collectors in painted mild steel Ø 30 mm.
- Double horizontal heating elements in painted mild steel 15x20 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



EURO NORM
EN 442-1
RADIATORS AND CONVECTORS



CLASS 1-2-3-4

ACCESSORIES



Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



Kristal valve square
Pipe centres 50 mm right
white R01 - ral 9010

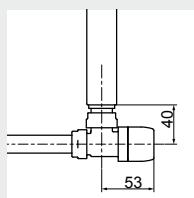
Copper conn. Ø 12/14/15
Art. nr. 5991990311186

Multilayer conn. Ø 16
Art. nr. 5991990311185

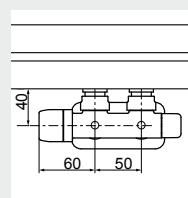


White thermostatic head

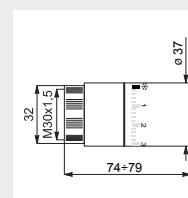
(Kit 2 pieces)
Art. nr. 5035270710016



Quotes for square Kristal valves
with thermostatic option



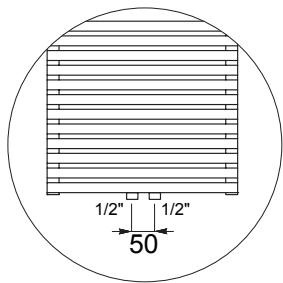
Quotes for square Kristal valves
with thermostatic option



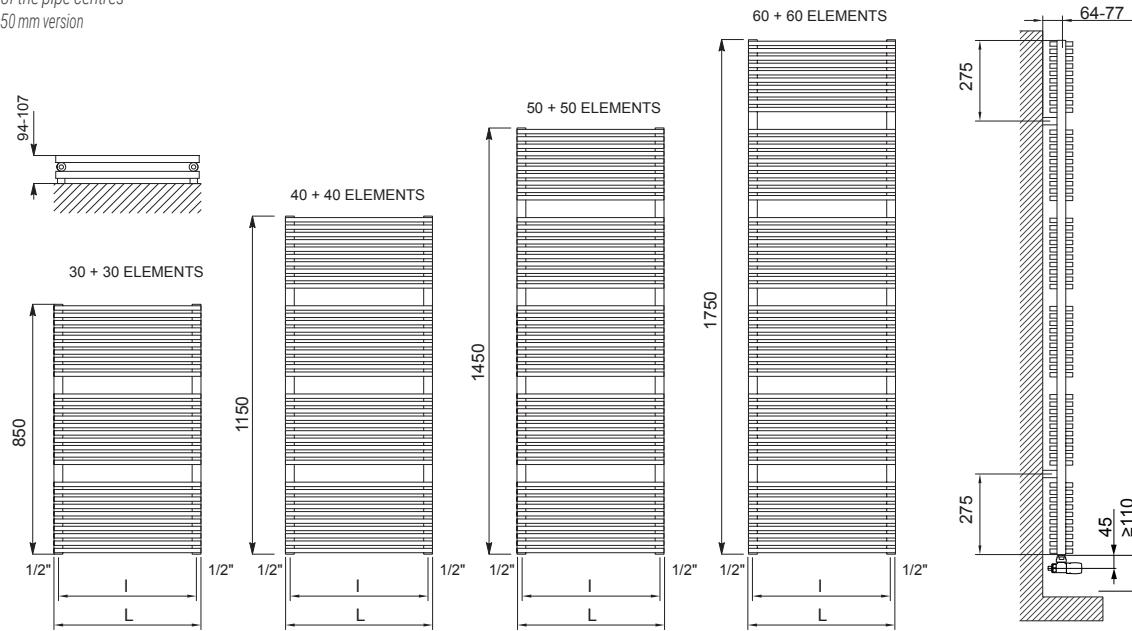
Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Detail of the pipe centres
50 mm version



Quotes for Kristal valves

KATIA VX PLUS

	Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Pipe Centres 50 mm		Thermal output [Watt]					Dual energy kit
					Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	
850	400	370	3551826100101	3551826100115		16,40	1,70	6,20	608	322	1,2419	700
	500	470	3551826100105	3551826100119		19,90	2,10	7,50	782	416	1,2353	900
1150	400	370	3551826100102	3551826100116		21,90	2,20	8,30	772	408	1,2497	900
	500	470	3551826100106	3551826100120		26,60	2,70	10,10	995	528	1,2405	1200
1450	600	570	3551826100109	3551826100123		31,30	3,20	11,80	1219	650	1,2312	1200
	800	770	3551826100112	3551826100126		40,60	4,20	15,40	1667	897	1,2128	1200
1750	400	370	3551826100103	3551826100117		27,40	2,80	10,40	937	493	1,2575	1200
	500	470	3551826100107	3551826100121		33,20	3,40	12,60	1200	635	1,2457	1200
	600	570	3551826100110	3551826100124		39,10	4,00	14,80	1463	779	1,2339	1200
	800	770	3551826100113	3551826100127		50,00	5,30	19,20	1988	1071	1,2102	1200
	400	370	3551826100104	3551826100118		32,90	3,40	12,50	1106	580	1,2646	1200
	500	470	3551826100108	3551826100122		39,90	4,10	15,20	1398	739	1,2489	1200
	600	570	3551826100111	3551826100125		46,90	4,80	17,80	1690	900	1,2331	1200
	800	770	3551826100114	3551826100128		60,90	6,30	23,10	2274	1231	1,2017	1200

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



KATIA VX WIDE

page 92

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel Ø 30 mm.
- Horizontal heating elements in painted mild steel 15x20 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



ACCESSORIES



Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



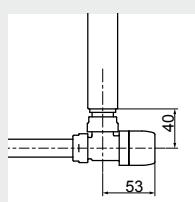
White thermostatic head

(Kit 2 pieces)
Art. nr. 5035270710016

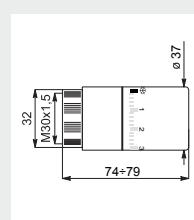


Kit 2 Hooks
WHITE RAL 9010 - R01

Art. nr. 5991990310391



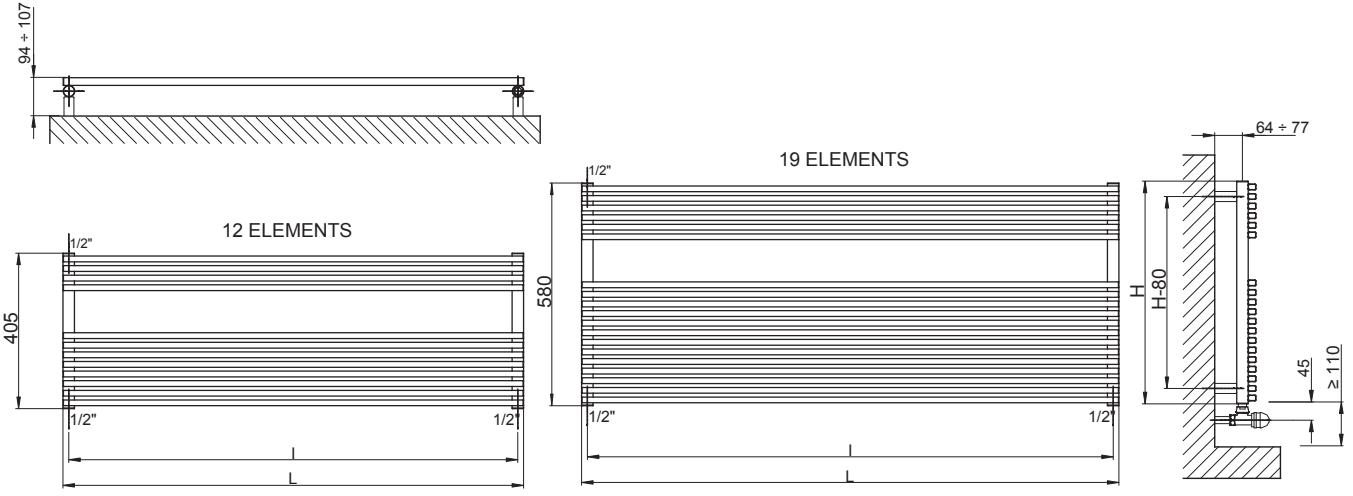
Quotes for square Kristal valves
with thermostatic option



Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Quotes for Kristal valves

KATIA VX WIDE

	Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Thermal output [Watt]					Dual energy kit
					Dry Weight [kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	
405	1200	1170	3551826101201	10,9	1,06	3,3	621	336	1,2029	400
	1400	1370	3551826101203	12,0	1,25	3,8	740	404	1,1852	400
580	1200	1170	3551826101202	11,3	1,21	3,6	960	532	1,1572	700
	1400	1370	3551826101204	13,0	1,29	4,1	1122	603	1,2170	700

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



KELLY FLAT

MATERIAL:

- Vertical collectors in painted mild steel ø 38 mm.
- Horizontal heating elements in painted mild steel 50 x 10 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

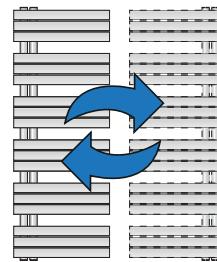
ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Electric (see page 344-372-375)	<input checked="" type="checkbox"/> Dual energy (see page 376-524)
--------------	---	---	--

P. Max: 5 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 2 da 1/2" gas for airvent
---------------	------------------------	----------------	---

UPSIDE DOWN



CERTIFICATIONS



CLASS 1 MECHANISM MANUFACTURED
NF
RADIATORS, CONVECTORS AND CEILING-MOUNTED RADIANT PANELS, HOT WATER HEATING, FAN ASSISTED AND MIXED



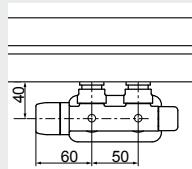
ACCESSORIES



Kristal valve square
Pipe centres 50 mm left
white R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311186

Multilayer conn. Ø 16
Art. nr. 5991990311185



Quotes for square Kristal valves
with thermostatic option



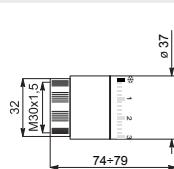
White thermostatic head

(Kit 2 pieces)
Art. nr. 5035270710016

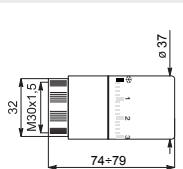


Chromed thermostatic head

(Kit 2 pieces)
Art. nr. 5035270710015



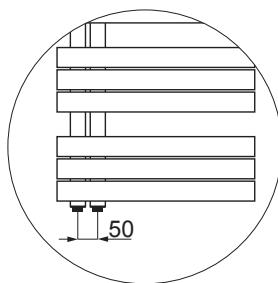
Thermostatic head quotes



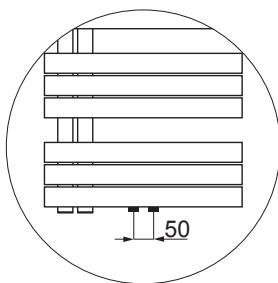
Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

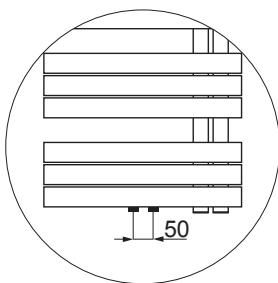
Accessories and spare parts - see from page 508



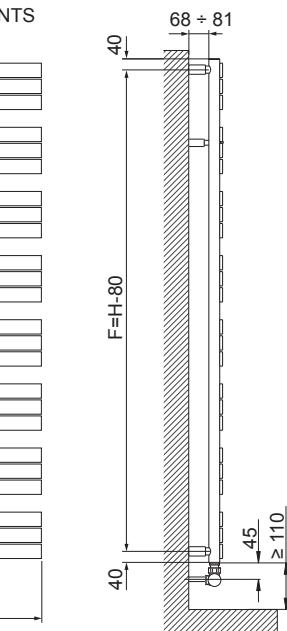
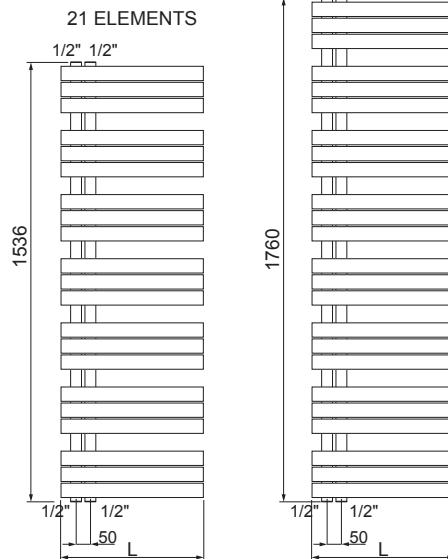
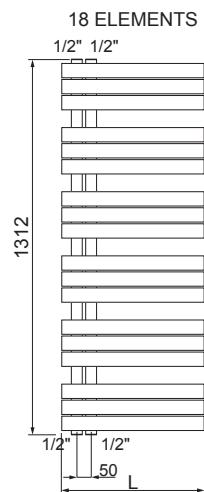
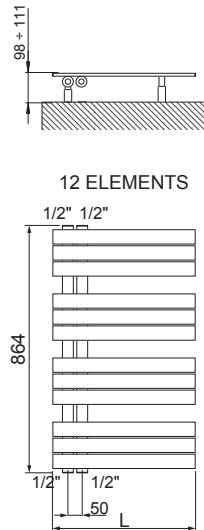
Detail of the pipe centres
50 mm version



Detail of central connection
(collectors on the left)



Detail of central connection
(collectors on the right)



Quotes for Kristal valves

KELLY FLAT

Height [mm]	WIDTH L [mm]	Art. nr.	Thermal output [Watt]					Dual energy kit
			Dry Weight [Kg]	Surface [m²]	Water con- tent [lt]	Δt=50°C	Δt=30°C	
864	500	3551726100001	8,5	0,87	3,9	381	204	1,2243
	600	3551726100005	9,8	1,01	4,3	443	234	1,2536
1312	500	3551726100002	12,7	1,31	5,8	563	300	1,2351
	600	3551726100006	14,6	1,51	6,5	637	336	1,2533
1536	500	3551726100003	14,9	1,53	6,8	652	341	1,2695
	600	3551726100007	17,1	1,77	7,6	742	388	1,2696
1760	500	3551726100004	17,0	1,75	7,8	728	378	1,2837
	600	3551726100008	19,5	2,02	8,7	875	455	1,2781

KELLY FLAT CENTRAL CONNECTION (COLLECTORS ON THE RIGHT)

Height [mm]	WIDTH L [mm]	Art. nr.
864	500	3551726100017
	600	3551726100021
1312	500	3551726100018
	600	3551726100022
1536	500	3551726100019
	600	3551726100023
1760	500	3551726100020
	600	3551726100024

KELLY FLAT CENTRAL CONNECTION (COLLECTORS ON THE LEFT)

Height [mm]	WIDTH L [mm]	Art. nr.
864	500	3551726100009
	600	3551726100013
1312	500	3551726100010
	600	3551726100014
1536	500	3551726100011
	600	3551726100015
1760	500	3551726100012
	600	3551726100016

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt /50)ⁿ



SAMIRA



page 102

EUROPEAN
WARRANTY

NEW

MATERIAL:

- Vertical collectors in painted mild steel ø 30 mm.
- Horizontal heating elements in painted mild steel elliptical 50 x 25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 5 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



EURO NORM
EN 442-1
RADIATORS AND CONVECTORS



ACCESSORIES



Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



Kristal valve corner with
thermostatic option
White R01 - ral 9010

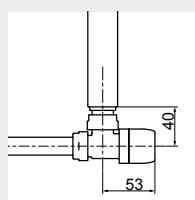
Copper conn. Ø 12/14/15
Art. nr. 5991990311176

Multilayer conn. Ø 16
Art. nr. 5991990311175

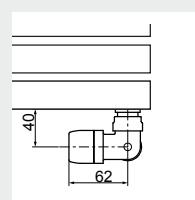


White thermostatic head

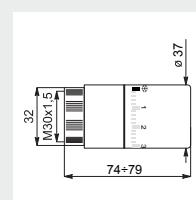
(Kit 2 pieces)
Art. nr. 5035270710016



Quotes for square Kristal valves
with thermostatic option



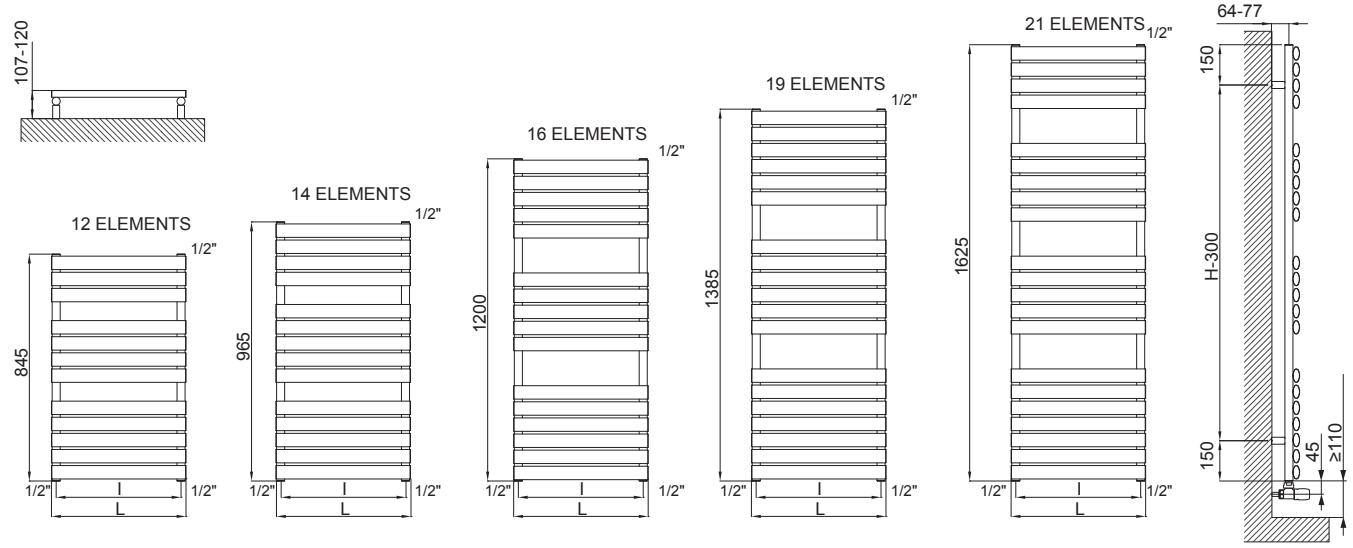
Quotes for corner Kristal valves with
thermostatic option



Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Quotes for Kristal valves

SAMIRA

	Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Thermal output [Watt]					Dual energy kit
					Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	
845	400	365	3551626102031	7,62	0,740	5,64	371	200	1,2079	400
	500	465	3551626102032	8,95	0,880	6,82	456	248	1,1938	500
	600	565	3551626102033	10,28	1,030	8,00	541	296	1,1798	600
965	400	365	3551626102034	8,83	0,860	6,56	414	223	1,2070	500
	500	465	3551626102035	10,38	1,030	7,93	507	275	1,1944	600
	600	565	3551626102036	11,93	1,190	9,31	600	328	1,1818	700
1200	400	365	3551626102037	10,29	1,000	7,61	501	271	1,2051	600
	500	465	3551626102038	12,06	1,190	9,18	609	331	1,1954	700
	600	565	3551626102039	13,83	1,380	10,75	718	392	1,1856	900
1385	400	365	3551626102040	11,95	1,170	8,99	571	308	1,2081	700
	500	465	3551626102041	14,22	1,410	10,85	693	378	1,1889	700
	600	565	3551626102042	16,09	1,610	12,72	815	444	1,1897	900
1625	400	365	3551626102043	13,40	1,310	10,04	667	359	1,2119	700
	500	465	3551626102044	15,69	1,550	12,10	808	437	1,2034	900
	600	565	3551626102045	17,98	1,790	14,17	949	536	1,1195	900

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)^n



SAMIRA WIDE



page 104

EUROPEAN
WARRANTY

NEW

MATERIAL:

- Vertical collectors in painted mild steel ø 30 mm.
- Horizontal heating elements in painted mild steel elliptical 50 x 25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 5 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



EURO NORM
EN 442-1
RADIATORS AND CONVECTORS



ACCESSORIES



Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



Kristal valve corner with
thermostatic option
White R01 - ral 9010

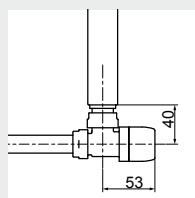
Copper conn. Ø 12/14/15
Art. nr. 5991990311176

Multilayer conn. Ø 16
Art. nr. 5991990311175

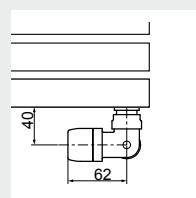


White thermostatic head

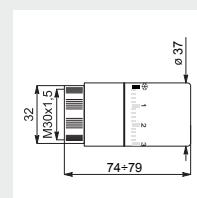
(Kit 2 pieces)
Art. nr. 5035270710016



Quotes for square Kristal valves
with thermostatic option



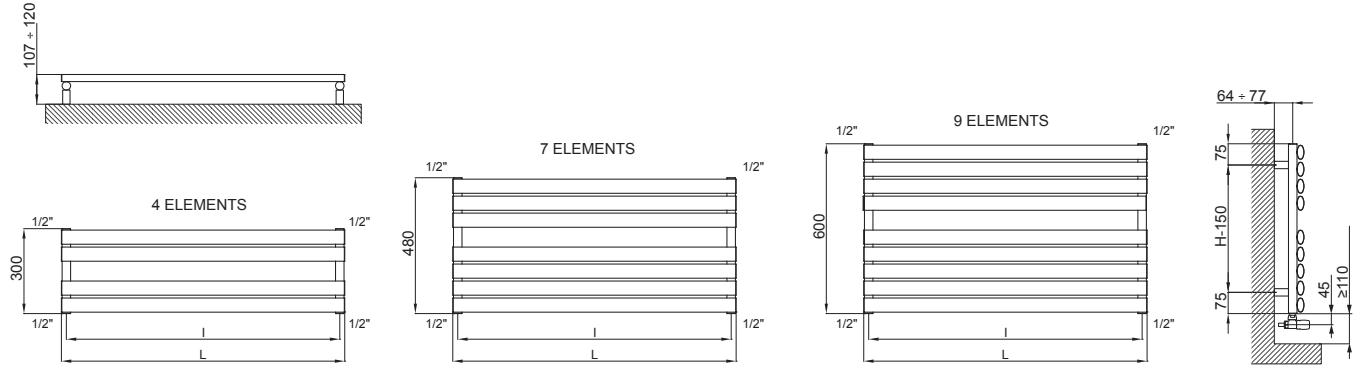
Quotes for corner Kristal valves with
thermostatic option



Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Quotes for Kristal valves

SAMIRA WIDE

	Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Thermal output [Watt]		Dual energy kit [Watt]
								Δt=50°C	Δt=30°C	
300	1000	970	3601626100100	5,30	0,54	4,26	299	164	1,1718	//
	1200	1170	3601626100101	6,20	0,63	5,00	358	197	1,1718	//
	1400	1370	3601626100102	7,10	0,72	5,80	418	230	1,1718	//
480	1000	970	3601626100103	9,10	0,93	7,40	507	276	1,1899	500
	1200	1170	3601626100104	10,70	1,10	8,80	608	331	1,1899	500
	1400	1370	3601626100105	12,20	1,26	10,20	710	387	1,1899	500
600	1000	970	3601626100106	11,70	1,20	9,50	637	345	1,2006	700
	1200	1170	3601626100107	13,70	1,40	11,27	764	414	1,2006	700
	1400	1370	3601626100108	15,70	1,60	13,00	892	483	1,2006	700

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)^n



KORA



page 106

EUROPEAN
WARRANTY

NEW

MATERIAL:

- Vertical collectors in painted mild steel 30x30 mm.
- Horizontal heating elements in painted mild steel 50x10 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 4 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



EURO NORM
EN 442-1
RADIATORS AND CONVECTORS



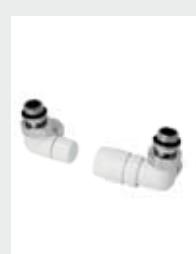
ACCESSORIES



Kristal valve square
With thermostatic option
White R01 - ral 9010

Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160



Kristal valve corner with
thermostatic option
White R01 - ral 9010

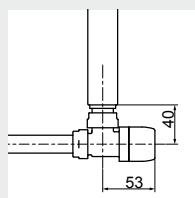
Copper conn. Ø 12/14/15
Art. nr. 5991990311176

Multilayer conn. Ø 16
Art. nr. 5991990311175

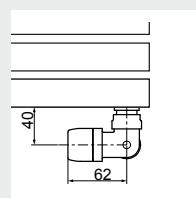


White thermostatic head

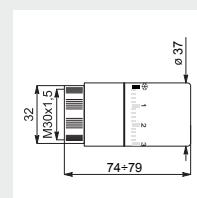
(Kit 2 pieces)
Art. nr. 5035270710016



Quotes for square Kristal valves
with thermostatic option



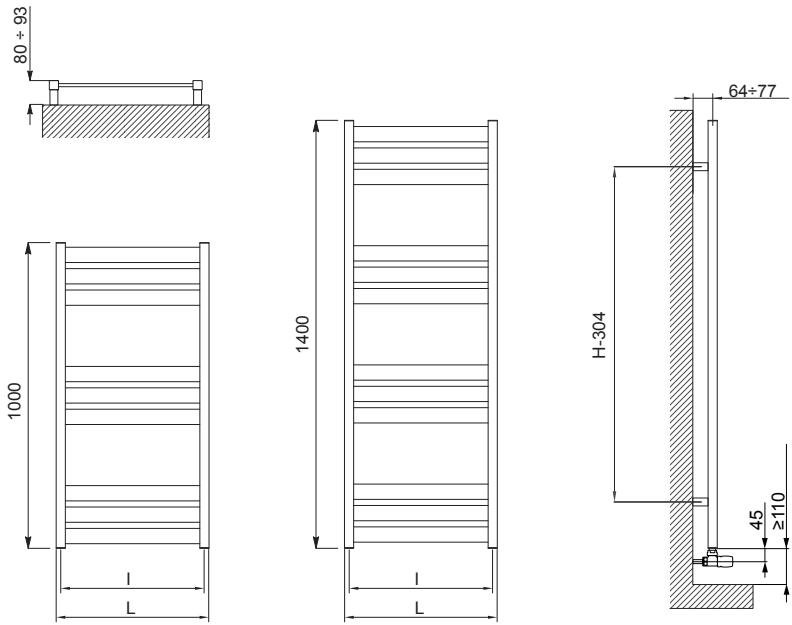
Quotes for corner Kristal valves with
thermostatic option



Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



Quotes for Kristal valves

KORA

Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Thermal output [Watt]		Dual energy kit	
							Δt=50°C	Δt=30°C	Exp. n	[Watt]
1000	500	470	3551626100051	7,7	0,65	7,7	384	207	1,2091	400
1400	500	470	3551626100052	10,4	0,88	10,4	520	281	1,2047	600

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)^n

**NEW****MATERIAL:**

- Pressed heads in carbon steel sheet.
- Welded carbon steel tube Ø 25 mm.
- Glycolate water.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

FIXING KIT:

Universal rapid safety kit and user notice included.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

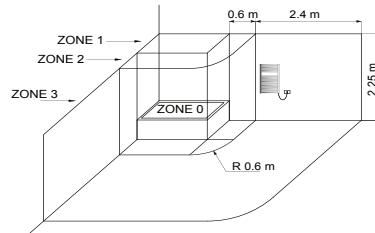
Radiator and accessories: available only in standard white colour RAL 9010-R01.

ACCESSORIES:

See page 508

Class protection CLASS 2	Minimum ingress protection: IP 22	Wire lenght: 1200 mm with Schuko plug
--------------------------	-----------------------------------	---------------------------------------

Seasonal energy efficiency η_s : 40%	Power supply: 230 V - 50 Hz
---	-----------------------------

CERTIFICATIONS**HOW TO PLACE ELECTRIC RADIATORS**

The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2. In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.

INCLUDED**Universal rapid safety kit**

Pair of wall ties fixing kit
colour white

ACCESSORIES**Kit 2 hooks****Kit 2 hooks**

WHITE
Art. nr. 5991990310375

CHROMED
Art. nr. 5991990310376

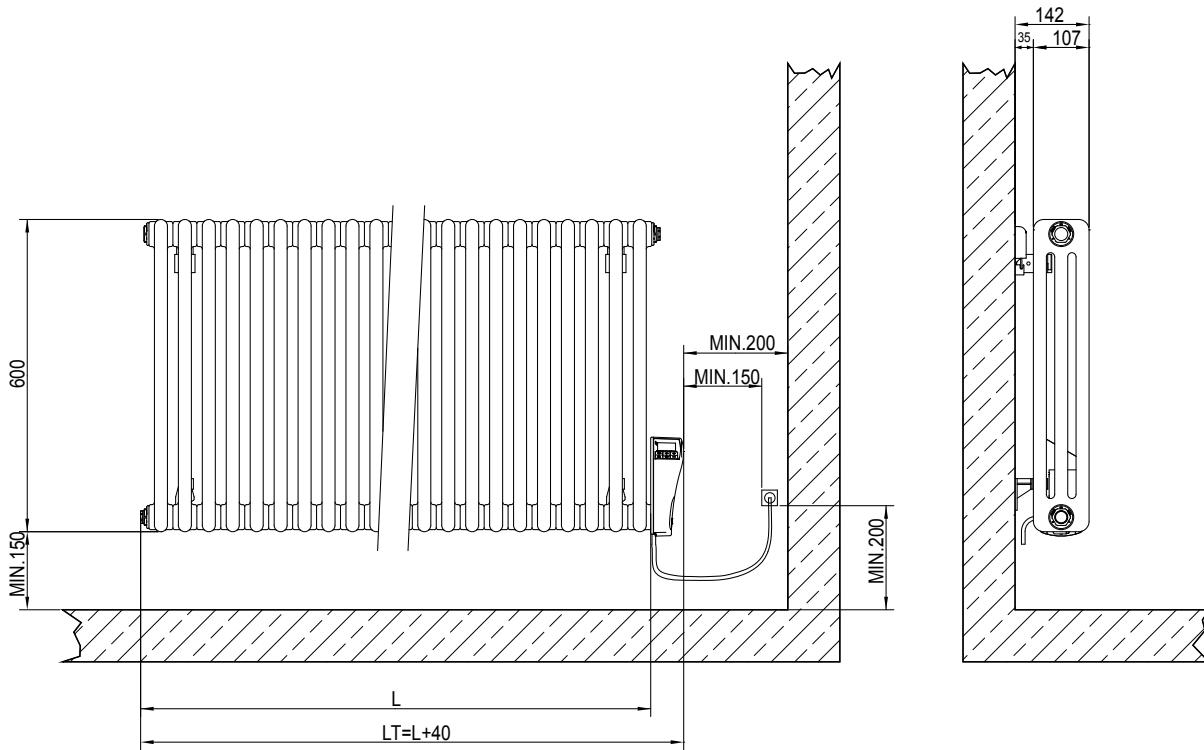
Infrared remote control

Remote control of digital chrono-thermostat functioning

Art. nr. 5150990000002

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



ARDESIA® ELECTRIC

	Height [mm]	WIDTH [mm]	N° Elements	N° COLUMNS	Art. nr.	Output [Watt]	Weight [Kg]
600	338	7	3	3	3586706100001	400	16
	384	8	3	3	3586706100002	500	18
	568	12	3	3	3586706100003	750	27
	614	13	3	3	3586706100004	900	30
	706	15	3	3	3586706100005	1000	34
	798	17	3	3	3586706100006	1200	39
	982	21	3	3	3586706100007	1500	48
	1120	24	3	3	3586706100008	2000	55

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

PROGRAMMABLE DIGITAL THERMOSTAT WITH DAILY AND WEEKLY FUNCTION

Comfort Mode:

Main function used to maintain the comfort temperature

Night mode:

Function to maintain an appropriate temperature at night

Antifreeze mode:

Function that ensures the antifreeze protection of the radiator when the ambient temperature falls below 7 °C

Chrono Mode:

Functioning according to an operating program set by the user

ECO mode:

Energy saving function that lowers the temperature of all the settings of the radiator by 3 °C

Vacation mode:

Function that excludes all the programming and user settings, except the anti-freeze

safety, for a period of time set by the user

Child safety and key lock:

Function that protects the appliance from improper or involuntary actions and settings

ASC adaptive self-learning system:

According to an adaptive self-learning algorithm, this function provides for reaching the desired room temperature at the times set by the user.

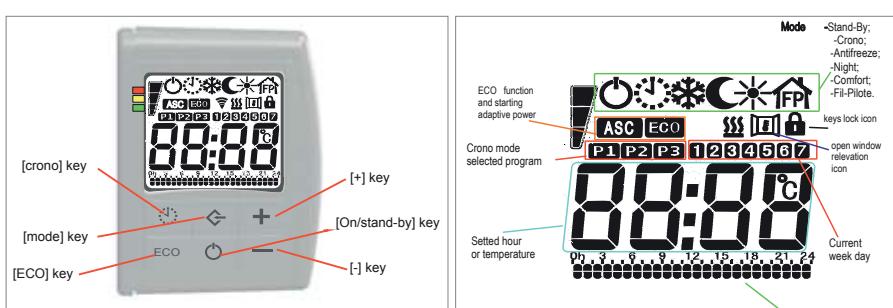
Open window detection system:

Function that provides for the deactivation of the radiator, for a maximum of 30 minutes, if the opening of a window in the room is detected

Consumption indicator

The consumption indicator indicates the electric absorption level and therefore the consumption of the appliance, helping the user to define the ideal operating mode of the radiator in an energy saving perspective.

CLASS PROTECTION	Class II
MIN. INGRESS PROTECTION	IP22
THERMOSTAT COLOUR	White
WIRE COLOUR	White
RANGE OF SETTABLE TEMPERATURES	7 ÷ 32 °C
POWER SUPPLY	230 Vac – 50Hz





CLAUDIA® ELECTRIC



page 40

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel semi oval 30x40 mm.
- Horizontal heating elements in painted mild steel Ø 25 mm.
- Glycolate water.

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Electrical only:	<input checked="" type="checkbox"/> With PLUS digital thermostat (800 mm wire lenght - with Schuko plug)	<input checked="" type="checkbox"/> With ECO digital thermostat (1200 mm wire lenght - with Schuko plug)
------------------	--	--

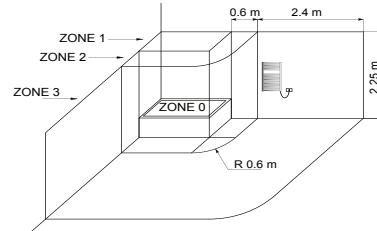
Class protection: CLASS 1	Minimum ingress protection: IP 44	Power supply: 230 V - 50 Hz
---------------------------	-----------------------------------	-----------------------------

Seasonal energy efficiency η_s : 39% with PLUS digital thermostat	Seasonal energy efficiency η_s : 38% with ECO digital thermostat
--	---

CERTIFICATIONS



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.

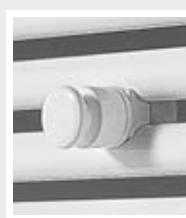
INCLUDED

Remote control of PLUS digital chrono-thermostat



Remote control of PLUS digital chrono-thermostat functioning

ACCESSORIES



Kit 2 hooks painted mild steel - white R01

Art. nr. 5991990310028

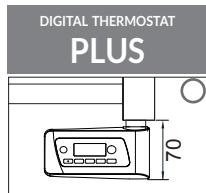
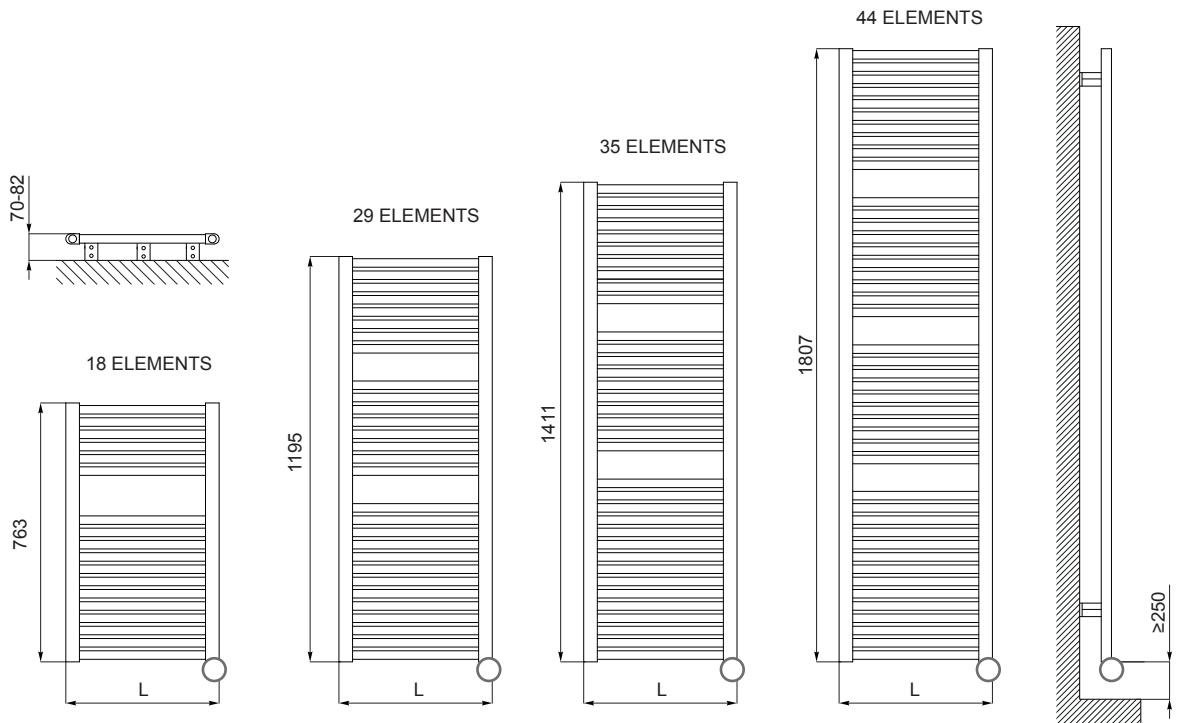
If ordered separately from the radiator, the accessories are available in standard white only.



Towel bar painted mild steel-white R01

Art. nr.	Available on width
5991990310047	≥ 400 mm
5991990310029	≥ 500 mm
5991990310034	≥ 600 mm
5991990310030	≥ 750 mm

Accessories and spare parts - see from page 508

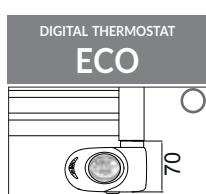


The general footprint has to be calculated considering the thermostat height

CLAUDIA® ELECTRIC (remote control included)

	Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
763	400	3581356100166	400	11	
	500	3581356100160	400	13	
	400	3581356100167	600	16	
1195	450	3581356100161	600	18	
	500	3581356100162	700	20	
1411	400	3581356100168	700	19	
	500	3581356100163	900	23	
1807	500	3581356100164	900	29	
	600	3581356100165	1200	34	

Technical specification of thermostat see page 527



The general footprint has to be calculated considering the thermostat height

CLAUDIA® ELECTRIC

	Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
763	400	3581356100097	400	11	
	500	3581356100091	400	13	
	400	3581356100098	600	16	
1195	450	3581356100092	600	18	
	500	3581356100093	700	20	
1411	400	3581356100099	700	19	
	500	3581356100094	900	23	
1807	500	3581356100095	900	29	
	600	3581356100096	1200	34	

Technical specification of thermostat see page 527

Art. nr. and price are referred to colour WHITE R01 - RAL 9010 version.

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

MY WAY®
SYSTEM
ACCESSORIES
AND TECHNICAL
SUPPORT



LUCY 18 ELECTRIC



page 56

**EUROPEAN
WARRANTY**

MATERIAL:

- Vertical collectors in painted mild steel ø 30 mm.
- Horizontal heating elements in painted mild steel ø 18 mm.
- Glycolate water.

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Electrical only:	<input checked="" type="checkbox"/> With PLUS digital thermostat (800 mm wire lenght - with Schuko plug)	<input checked="" type="checkbox"/> With ECO digital thermostat (1200 mm wire lenght - with Schuko plug)
------------------	--	--

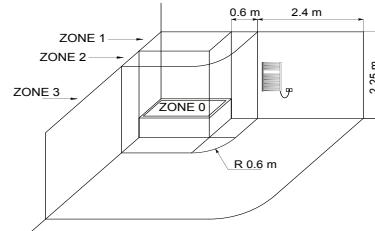
Class protection: CLASS 1	Minimum ingress protection: IP 44	Power supply: 230 V - 50 Hz
---------------------------	-----------------------------------	-----------------------------

Seasonal energy efficiency η_s : 39% with PLUS digital thermostat	Seasonal energy efficiency η_s : 38% with ECO digital thermostat
--	---

CERTIFICATIONS



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.

INCLUDED

Remote control of PLUS digital chrono-thermostat

Remote control of PLUS digital chrono-thermostat functioning



ACCESSORIES

Kit 2 hooks painted mild steel - white R01

Art. nr. 5991990310388



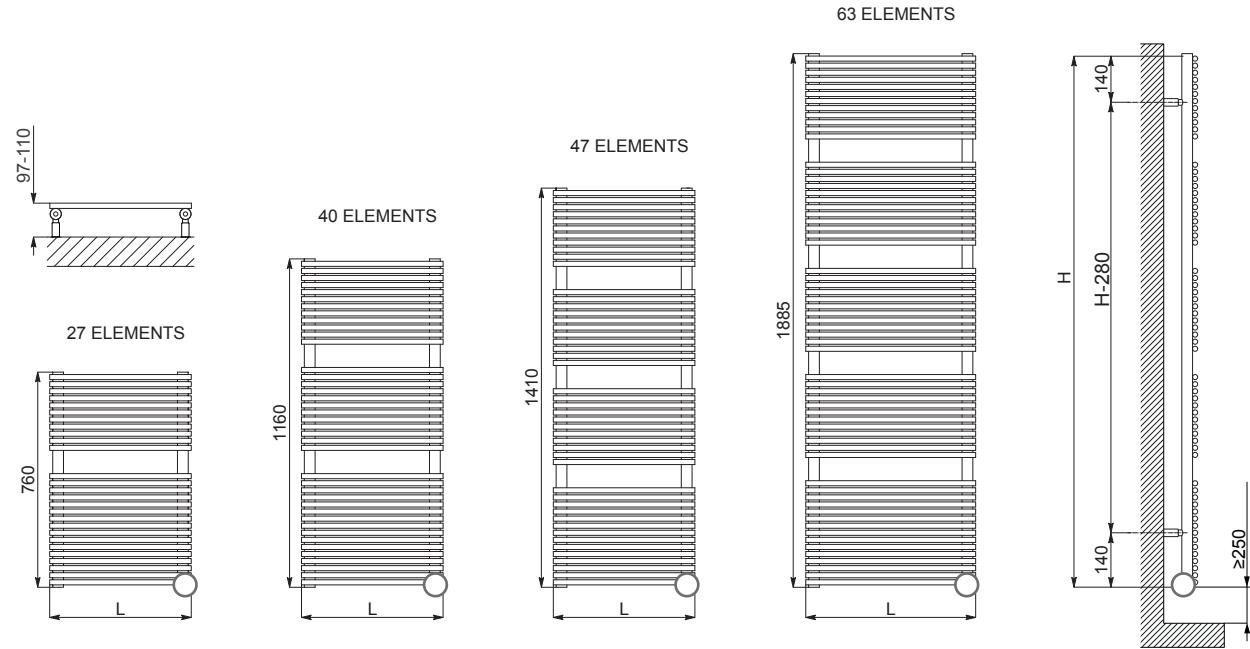
Towel bar painted mild steel-white R01

Art. nr. 5991990331126



If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



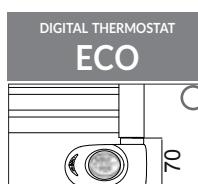
LUCY 18 ELECTRIC (remote control included)

Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
760	480	3581406100240	500	14
1160	480	3581406100241	700	22
1410	480	3581406100242	900	26
1885	480	3581406100243	1200	30

Technical specification of thermostat see page 527



The general footprint has to be calculated considering the thermostat height



The general footprint has to be calculated considering the thermostat height

LUCY 18 ELECTRIC

Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
760	480	3581406100230	500	14
1160	480	3581406100231	700	22
1410	480	3581406100232	900	26
1885	480	3581406100233	1200	30

Technical specification of thermostat see page 527

Art. nr. and price are referred to colour WHITE R01 - RAL 9010 version.



GLORIA 22 ELECTRIC



page 74

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel ø 30 mm.
- Horizontal heating elements in painted mild steel ø 22 mm.
- Glycolate water.

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Electrical only:

With ECO digital thermostat (1200 mm wire lenght with Schuko plug)

Class protection: CLASS 1

Minimum ingress protection: IP 44

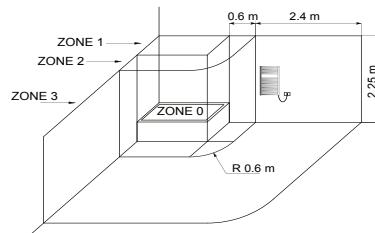
Power supply: 230 V - 50 Hz

Seasonal energy efficiency η_s : 38% with ECO digital thermostat

CERTIFICATIONS



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.

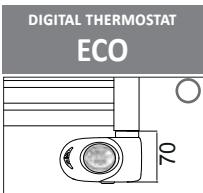
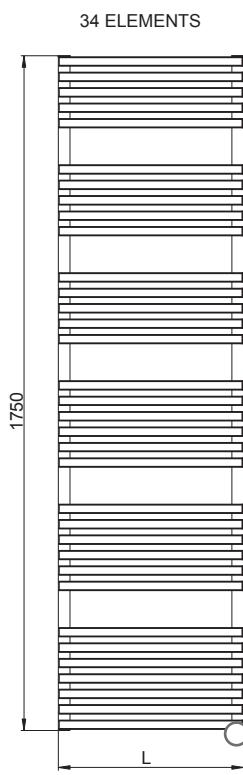
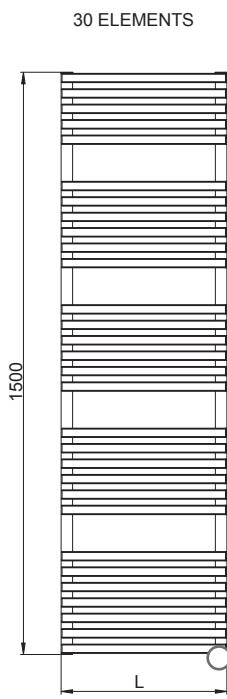
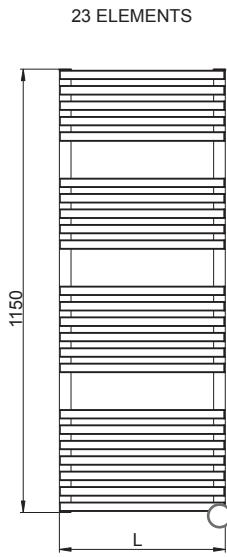
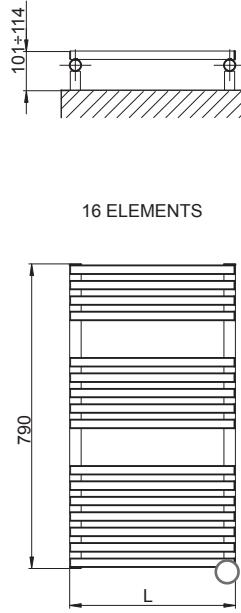
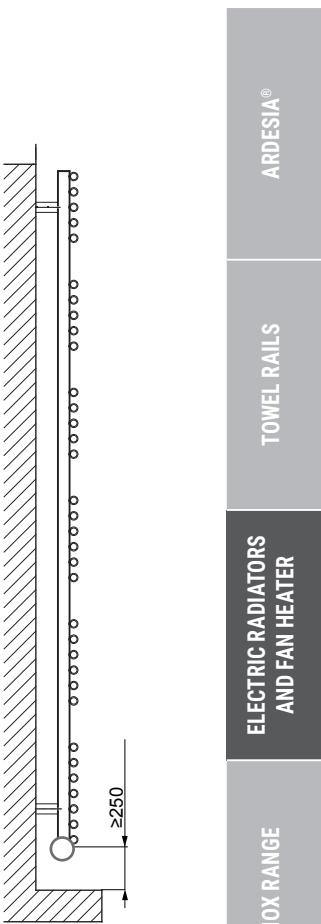


All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.



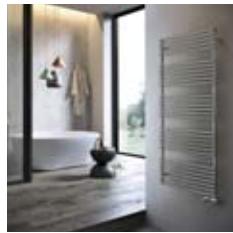
The general footprint has to be calculated considering the thermostat height.

GLORIA 22 ELECTRIC

Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
790	430	3581666100011	400	10
1150	580	3581666100012	700	17
1500	580	3581666100013	900	22
1750	580	3581666100014	1200	25

Technical specification of thermostat see page 527

Art. nr. and price are referred to colour WHITE R01 - RAL 9010 version.



GLORIA 22 CHROMED ELECTRIC



page 76



EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in chromed mild steel ø 30 mm.
- Horizontal heating elements in chromed mild steel ø 22 mm.
- Glycolate water.

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

FINISHING:

CHROMED (PLATED IN ITALY).

ACCESSORIES:

See page 508

Electrical only:

With ECO digital thermostat (1200 mm wire lenght with Schuko plug)

Class protection: CLASS 1

Minimum ingress protection: IP 44

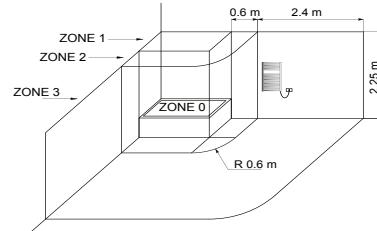
Power supply: 230 V - 50 Hz

Seasonal energy efficiency η_s : 38% with ECO digital thermostat

CERTIFICATIONS



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.

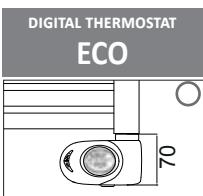
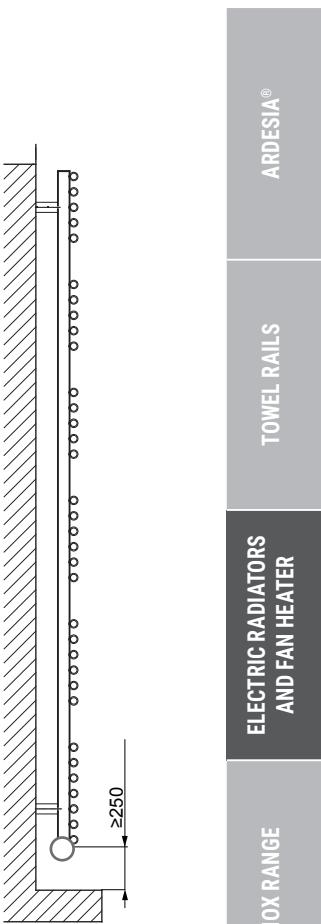


All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.



The general footprint has to be calculated considering the thermostat height

GLORIA 22 CHROMED ELECTRIC

Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
790	430	3581666110011	300	10
1150	580	3581666110012	600	17
1500	580	3581666110013	700	22
1750	580	3581666110014	900	25

Technical specification of thermostat see page 527


MATERIAL:

- Vertical collectors in painted mild steel ø 30 mm.
- Horizontal heating elements in painted mild steel 50 x 10 mm.
- Glycolate water.

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

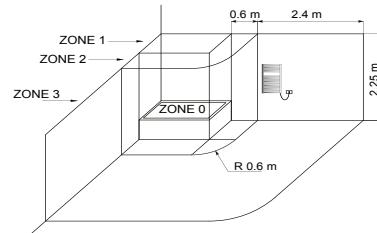
Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Electrical only:	<input checked="" type="checkbox"/> With PLUS digital thermostat (800 mm wire lenght - with Schuko plug)	<input checked="" type="checkbox"/> With ECO digital thermostat (1200 mm wire lenght - with Schuko plug)
Class protection: CLASS 1	Minimum ingress protection: IP 44	Power supply: 230 V - 50 Hz
Seasonal energy efficiency η_s : 39% with PLUS digital thermostat		Seasonal energy efficiency η_s : 38% with ECO digital thermostat

CERTIFICATIONS

HOW TO PLACE ELECTRIC RADIATORS


The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.

INCLUDED
Remote control of PLUS digital chrono-thermostat

Remote control of PLUS digital chrono-thermostat functioning


ACCESSORIES
Kit 2 hooks painted mild steel - white R01

Art. nr. 5991990310389

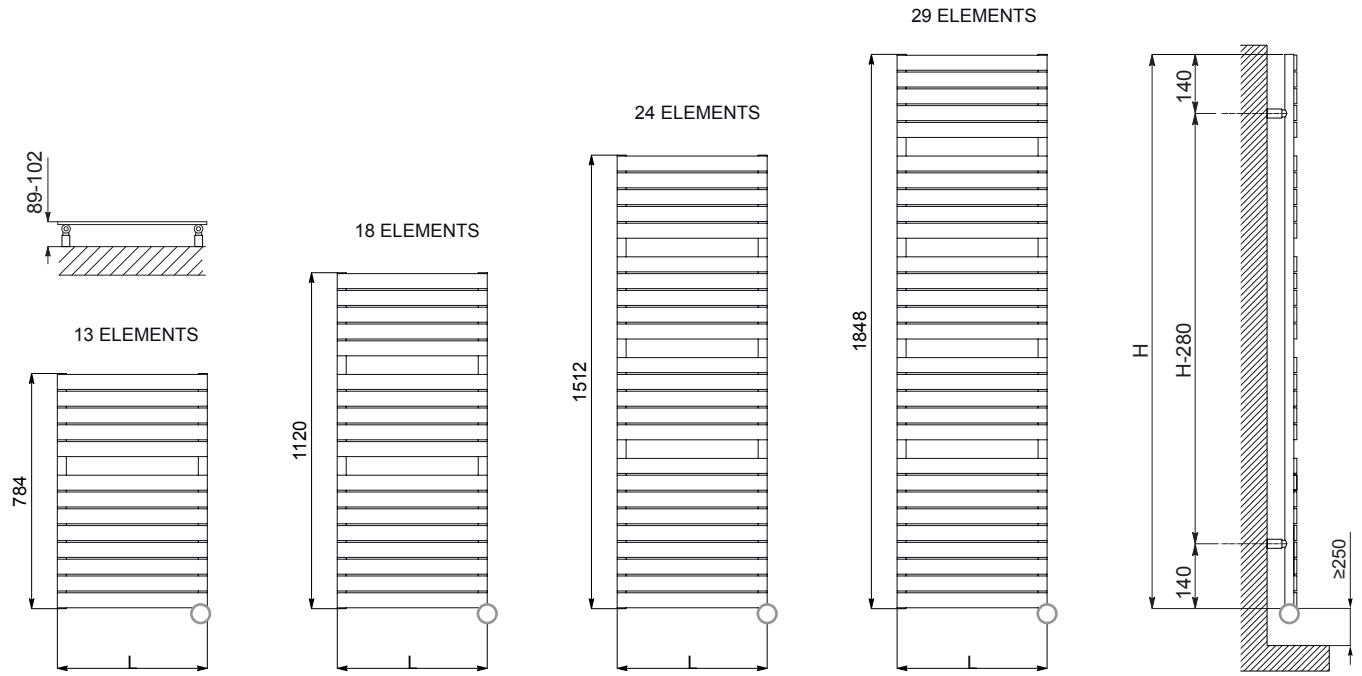

Towel bar painted mild steel-white R01

Art. nr. 5991990331127



If ordered separately from the radiator, the accessories are available in standard white only.

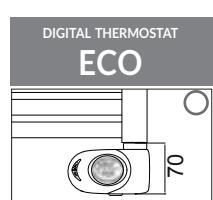
Accessories and spare parts - see from page 508



DORY ELECTRIC (remote control included)

Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
784	500	3581426100640	500	15
1120	500	3581426100641	700	21
1512	500	3581426100642	900	28
1848	600	3581426100643	1200	38

Technical specification of thermostat see page 527



The general footprint has to be calculated considering the thermostat height

DORY ELECTRIC

Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
784	500	3581426100301	500	15
1120	500	3581426100302	700	21
1512	500	3581426100303	900	28
1848	600	3581426100304	1200	38

Technical specification of thermostat see page 527



KELLY FLAT DX ELECTRIC



MATERIAL:

- Vertical collectors in painted mild steel ø 38 mm.
- Horizontal heating elements in painted mild steel 50 x 10 mm.
- Glycolate water.

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Electrical only:	<input checked="" type="checkbox"/> With PLUS digital thermostat (800 mm wire lenght - with Schuko plug)	<input checked="" type="checkbox"/> With ECO digital thermostat (1200 mm wire lenght - with Schuko plug)
------------------	--	--

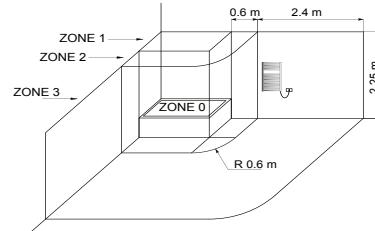
Class protection: CLASS 1	Minimum ingress protection: IP 44	Power supply: 230 V - 50 Hz
---------------------------	-----------------------------------	-----------------------------

Seasonal energy efficiency η_s : 39% with PLUS digital thermostat	Seasonal energy efficiency η_s : 38% with ECO digital thermostat
--	---

CERTIFICATIONS



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

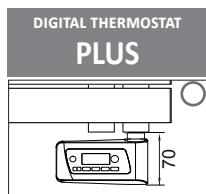
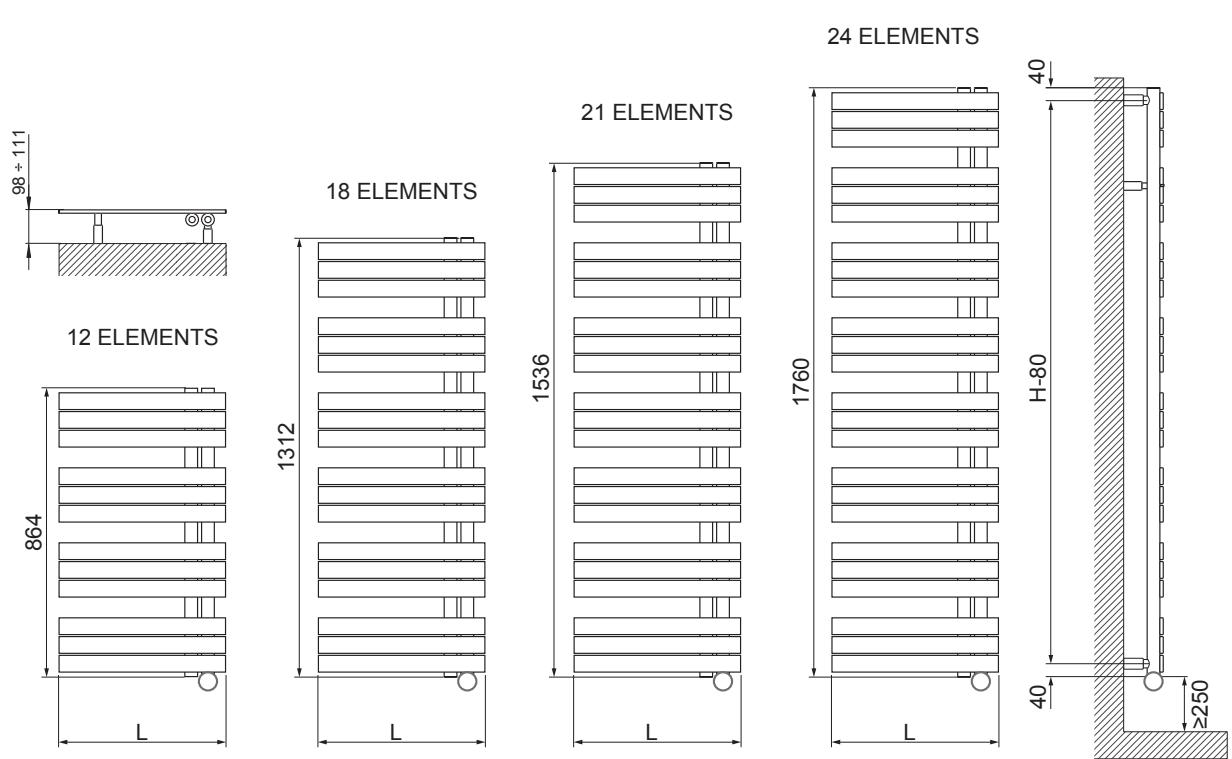
The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.

INCLUDED

	Remote control of PLUS digital chrono-thermostat
	Remote control of PLUS digital chrono-thermostat functioning

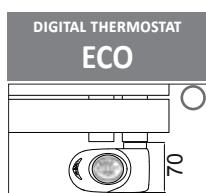


The general footprint has to be calculated considering the thermostat height

KELLY FLAT DX ELECTRIC (remote control included)

	Height [mm]	WIDTH <i>L</i> [mm]	Art. nr.	Output [Watt]	Weight [Kg]
864	500	3581726100190	500	13	
	600	3581726100191	600	15	
1312	500	3581726100192	700	19	
1536	500	3581726100194	900	23	
1760	600	3581726100197	1200	26	

Technical specification of thermostat see page 527



The general footprint has to be calculated considering the thermostat height

KELLY FLAT DX ELECTRIC

	Height [mm]	WIDTH <i>L</i> [mm]	Art. nr.	Output [Watt]	Weight [Kg]
864	500	3581726100171	500	13	
	600	3581726100172	600	15	
1312	500	3581726100173	700	19	
1536	500	3581726100175	900	23	
1760	600	3581726100178	1200	26	

Technical specification of thermostat see page 527

Art. nr. and price are referred to colour WHITE R01 - RAL 9010 version.

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

ACCESSORIES
AND TECHNICAL
SUPPORT

CORDIVARI®



KELLY FLAT SX ELECTRIC



EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel ø 38 mm.
- Horizontal heating elements in painted mild steel 50x10 mm.
- Glycolate water.

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Electrical only:	<input checked="" type="checkbox"/> With PLUS digital thermostat (800 mm wire lenght - with Schuko plug)	<input checked="" type="checkbox"/> With ECO digital thermostat (1200 mm wire lenght - with Schuko plug)
------------------	--	--

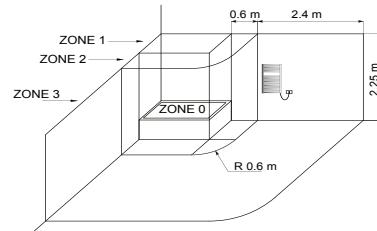
Class protection: CLASS 1	Minimum ingress protection: IP 44	Power supply: 230 V - 50 Hz
---------------------------	-----------------------------------	-----------------------------

Seasonal energy efficiency η_s : 39% with PLUS digital thermostat	Seasonal energy efficiency η_s : 38% with ECO digital thermostat
--	---

CERTIFICATIONS



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

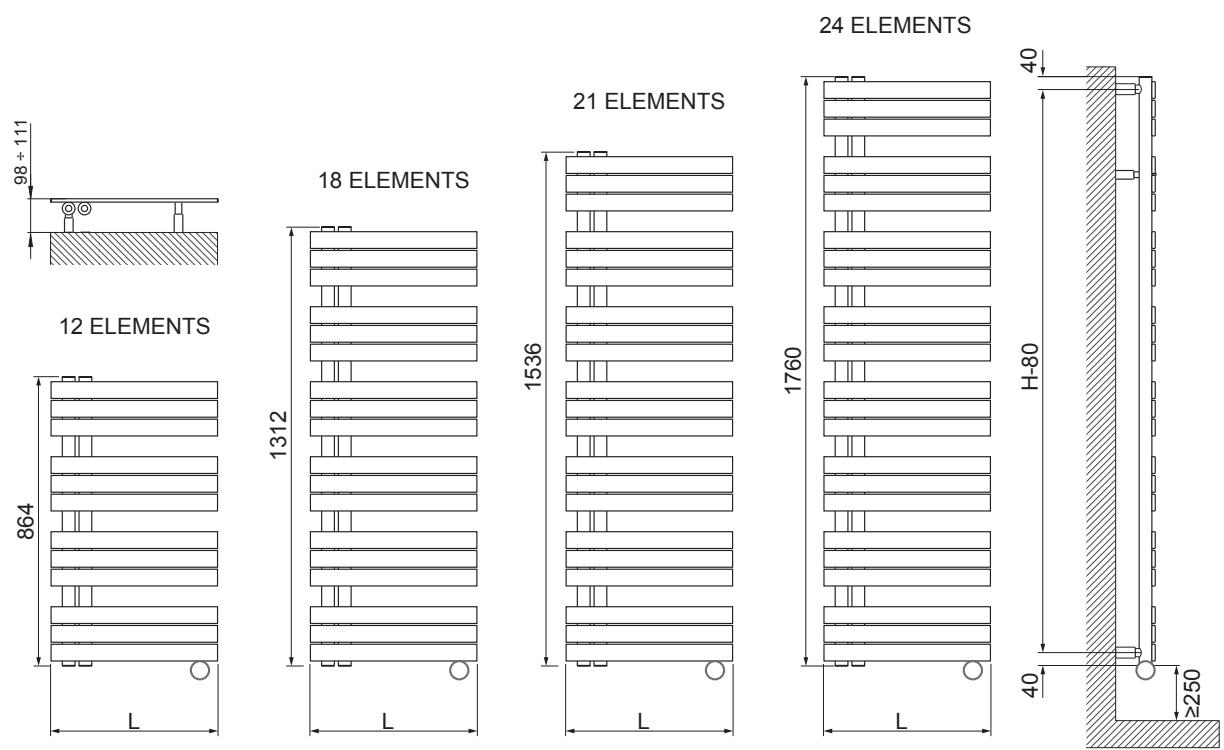
The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.

INCLUDED

	Remote control of PLUS digital chrono-thermostat
	Remote control of PLUS digital chrono-thermostat functioning

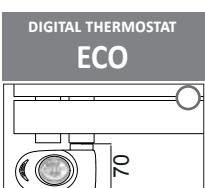


The general footprint has to be calculated considering the thermostat height

KELLY FLAT SX ELECTRIC (remote control included)

	Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
864	500	3581726100198	500	13	
	600	3581726100199	600	15	
1312	500	3581726100200	700	19	
1536	500	3581726100202	900	23	
1760	600	3581726100205	1200	26	

Technical specification of thermostat see page 527



The general footprint has to be calculated considering the thermostat height

KELLY FLAT SX ELECTRIC

	Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
864	500	3581726100181	500	13	
	600	3581726100182	600	15	
1312	500	3581726100183	700	19	
1536	500	3581726100185	900	23	
1760	600	3581726100188	1200	26	

Technical specification of thermostat see page 527

Art. nr. and price are referred to colour WHITE R01 - RAL 9010 version.



ELEN 18 ELECTRIC POLISHED STAINLESS STEEL



page 116

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in polished stainless steel ø 38 mm.
- Horizontal elements in polished stainless steel ø 18 mm.
- Glycolate water.

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES:

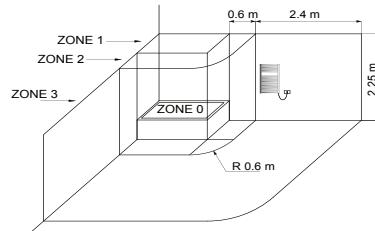
See page 508

Electrical only:	<input checked="" type="checkbox"/> With TOP digital thermostat (1200 mm wire lenght with Schuko plug)	
Class protection: CLASS 1	Minimum ingress protection: IP 44	Power supply: 230 V - 50 Hz
Seasonal energy efficiency η_s : 39% with TOP digital thermostat		

CERTIFICATIONS



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.

INCLUDED

Remote control of TOP digital chrono-thermostat



Remote control of TOP digital chrono-thermostat functioning

ACCESSORIES

Kit 2 hooks-polished stainless steel



Art. nr. 5991990010216

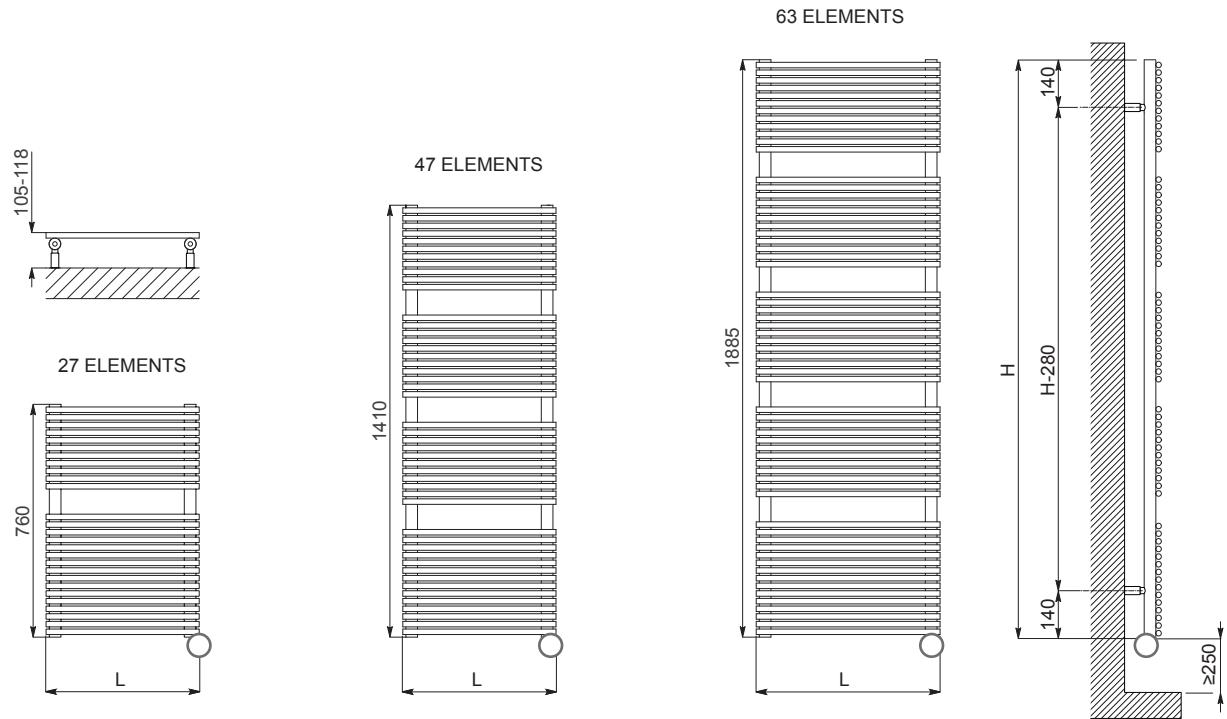
Towel bar-polished stainless steel



WIDTH 440 mm

Art. nr. 5991990010221

Accessories and spare parts - see from page 508



The general footprint has to be calculated considering the thermostat height

ELEN 18 ELECTRIC - POLISHED STAINLESS STEEL (remote control included)

Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
760	500	3581440400041	400	14,0
1410	500	3581440400042	700	24,0
1885	600	3581440400043	900	32,0

Technical specification of thermostat see page 527



SANDY ELECTRIC POLISHED STAINLESS STEEL



page 126

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in polished stainless steel ø 38 mm.
- Horizontal elements in polished stainless steel ø 25 mm.
- Glycolate water.

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES:

See page 508

Electrical only:

With TOP digital thermostat (1200 mm wire lenght with Schuko plug)

Class protection: CLASS 1

Minimum ingress protection: IP 44

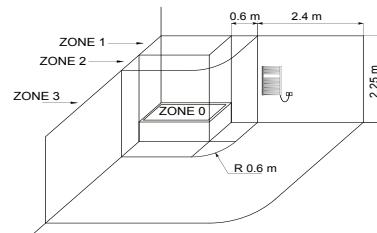
Power supply: 230 V - 50 Hz

Seasonal energy efficiency η_s : 39% with TOP digital thermostat

CERTIFICATIONS



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.

INCLUDED

Remote control of TOP digital chrono-thermostat



Remote control of TOP digital chrono-thermostat functioning

ACCESSORIES

Kit 2 hooks-polished stainless steel



Art. nr. 5991990010215

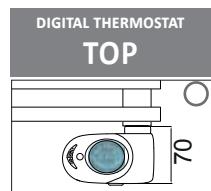
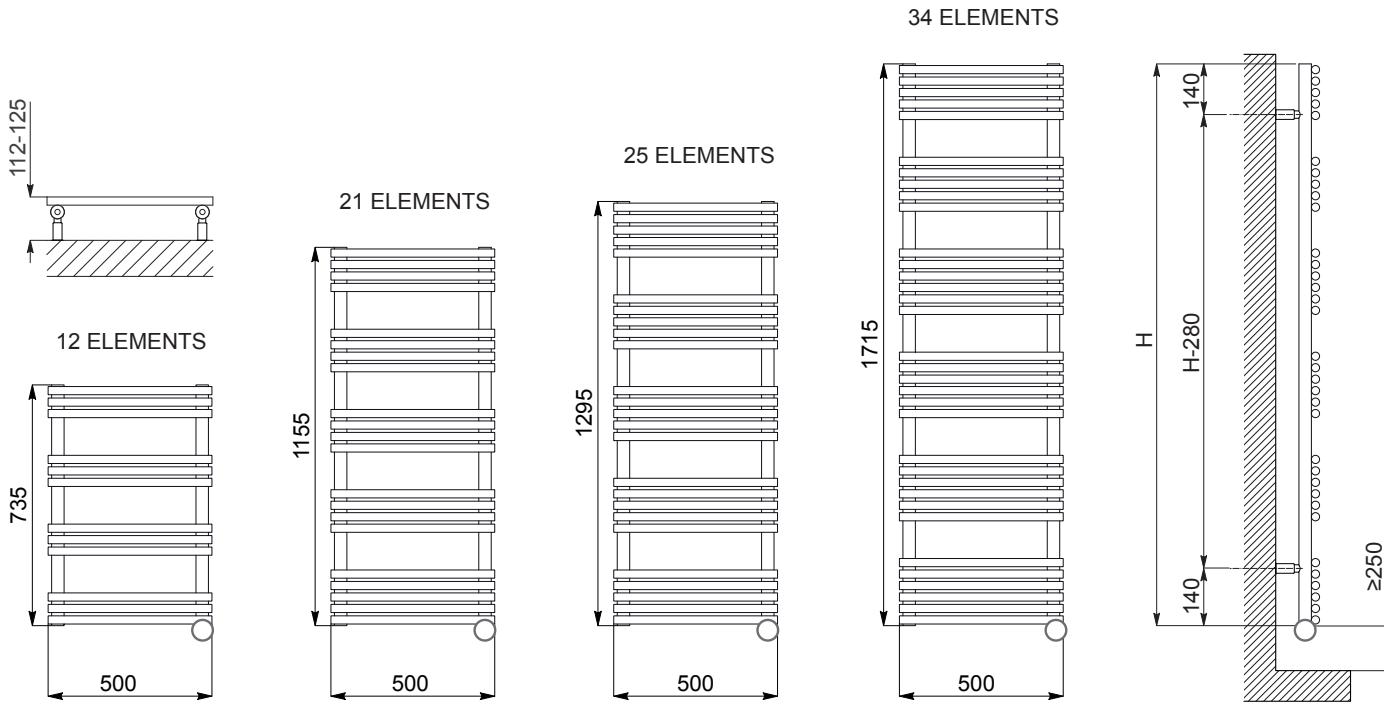
Towel bar-polished stainless steel



WIDTH 350 mm

Art. nr. 5991990010220

Accessories and spare parts - see from page 508



The general footprint has to be calculated considering the thermostat height

SANDY ELECTRIC - POLISHED STAINLESS STEEL (remote control included)

Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
735	500	3581440402012	300	11,0
1155	500	3581440402013	400	18,0
1295	500	3581440402014	600	21,0
1715	500	3581440402015	700	28,0

Technical specification of thermostat see page 527



LEILA ELECTRIC POLISHED STAINLESS STEEL



page 130

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in polished stainless steel ø 30 mm.
- Horizontal elements in polished stainless steel ø 18 mm.
- Glycolate water.

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES:

See page 508

Electrical only:

With TOP digital thermostat (1200 mm wire lenght with Schuko plug)

Class protection: CLASS 1

Minimum ingress protection: IP 44

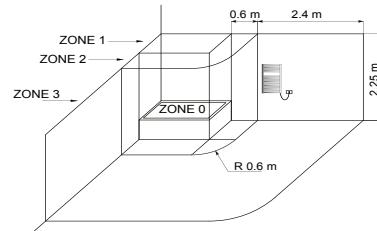
Power supply: 230 V - 50 Hz

Seasonal energy efficiency η_s : 39% with TOP digital thermostat

CERTIFICATIONS



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.

INCLUDED

Remote control of TOP digital chrono-thermostat



Remote control of TOP digital chrono-thermostat functioning

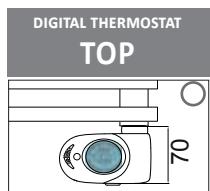
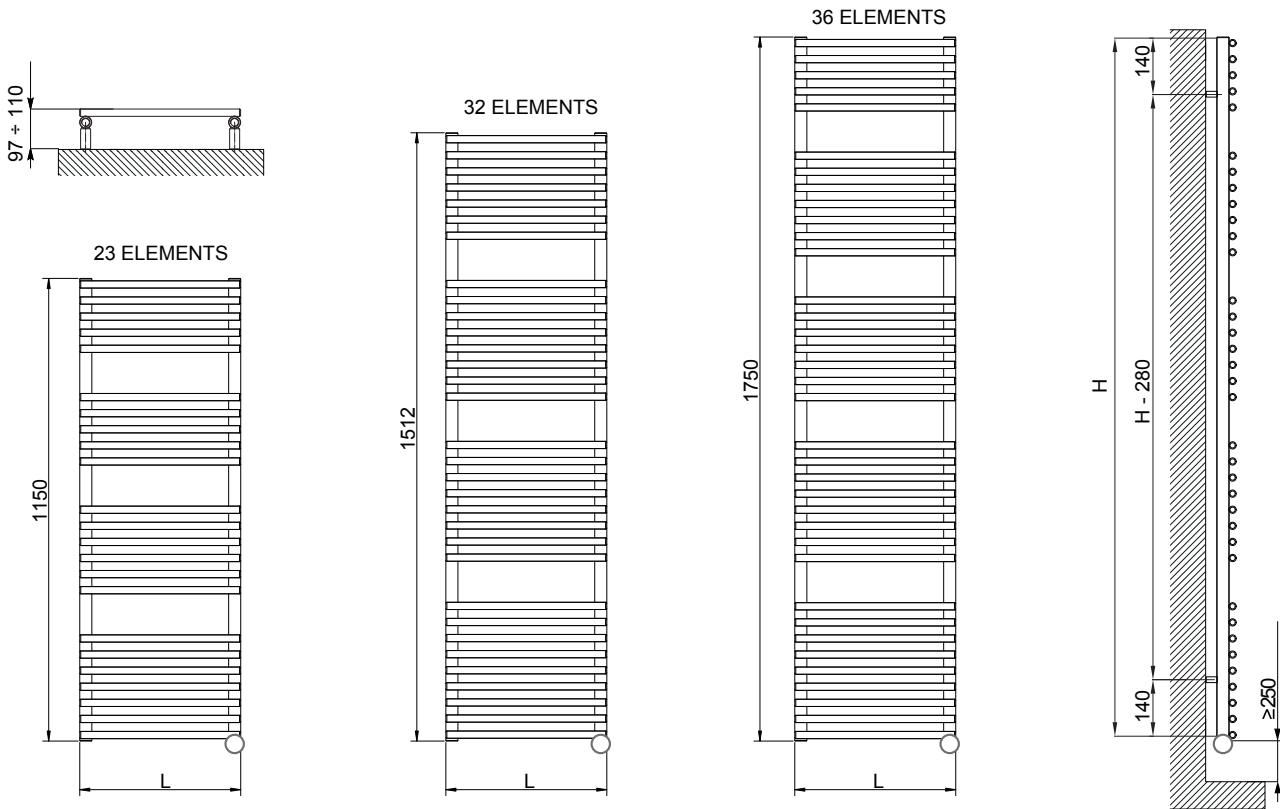
ACCESSORIES



Stendibiancheria salvaspazio in plexiglass e acciaio reclinabile

WIDTH L	Art. nr.	L
370 mm	5991990310402	≤ 500 mm

Accessories and spare parts - see from page 508



The general footprint has to be calculated considering the thermostat height

LEILA ELECTRIC - POLISHED STAINLESS STEEL (remote control included)

Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
1150	500	3581560400001	300	13,0
1512	500	3581560400002	500	18,0
1750	500	3581560400003	600	21,0

Technical specification of thermostat see page 527



STEFANIA ELECTRIC POLISHED STAINLESS STEEL



page 132

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in polished stainless steel ø 30 mm.
- Horizontal elements in polished stainless steel 30 x 10 mm.
- Glycolate water.

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES:

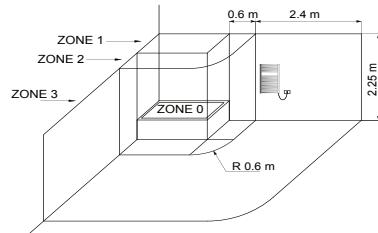
See page 508

Electrical only:	<input checked="" type="checkbox"/> With TOP digital thermostat (1200 mm wire lenght with Schuko plug)	
Class protection: CLASS 1	Minimum ingress protection: IP 44	Power supply: 230 V - 50 Hz
Seasonal energy efficiency η_s : 39% with TOP digital thermostat		

CERTIFICATIONS



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.

INCLUDED

Remote control of TOP digital chrono-thermostat



Remote control of TOP digital chrono-thermostat functioning

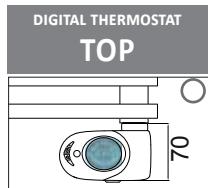
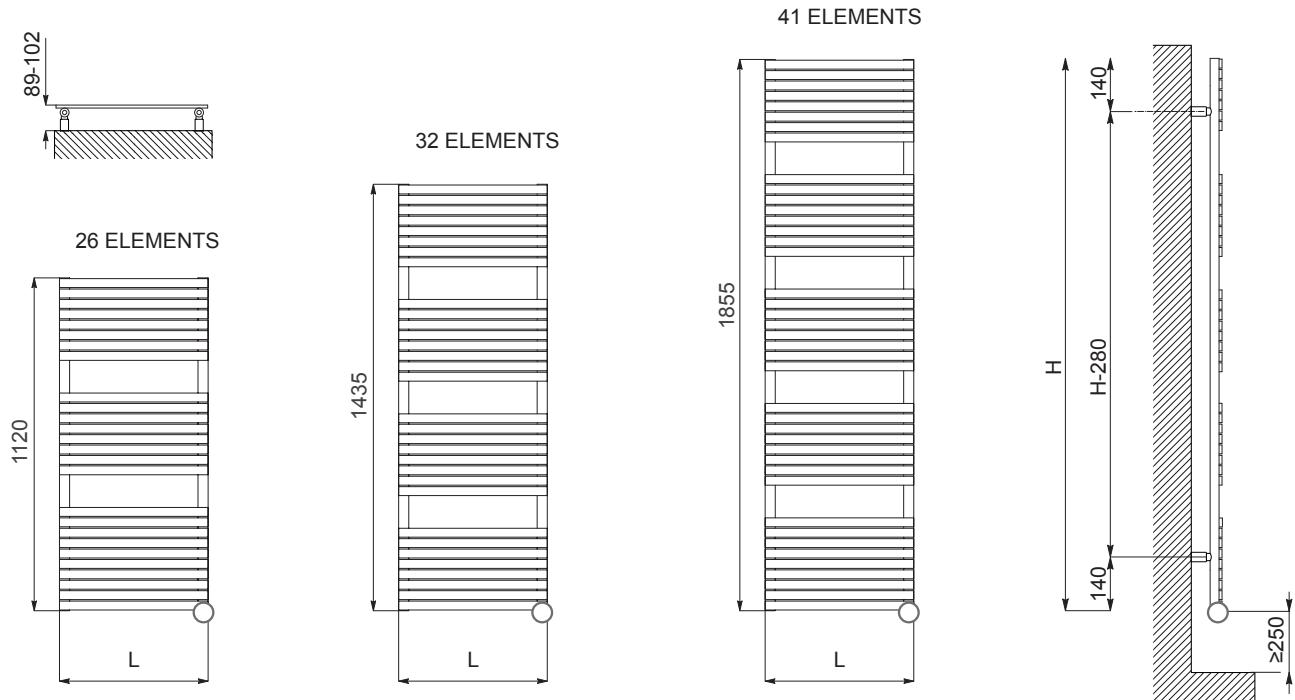
ACCESSORIES

Kit 2 hooks-polished stainless steel



Art. nr. 5991990010218

Accessories and spare parts - see from page 508

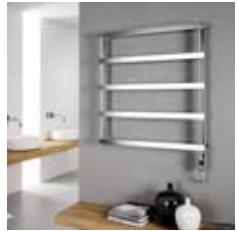


The general footprint has to be calculated considering the thermostat height

STEFANIA ELECTRIC - POLISHED STAINLESS STEEL (remote control included)

Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
1120	500	3581610401112	400	18,0
1435	500	3581610401113	500	22,0
1855	600	3581610401114	700	32,0

Technical specification of thermostat see page 527



ALESSANDRA ELECTRIC POLISHED STAINLESS STEEL


page 137

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in polished stainless steel ø 30 mm.
- Horizontal elements in polished stainless steel 30 x10 mm.
- Glycolate water.

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The towel rail is protected by recyclable carton box. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES:

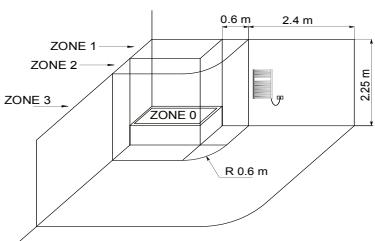
See page 508

Electrical only:	<input checked="" type="checkbox"/> Simple heater with cable cover (wire for direct wall fixed outlet)	<input checked="" type="checkbox"/> Manual ON/OFF (1200 mm wire lenght with Schuko plug)
Class protection: CLASS 1		Minimum ingress protection: IP 54

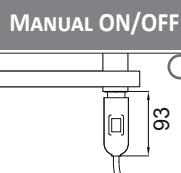
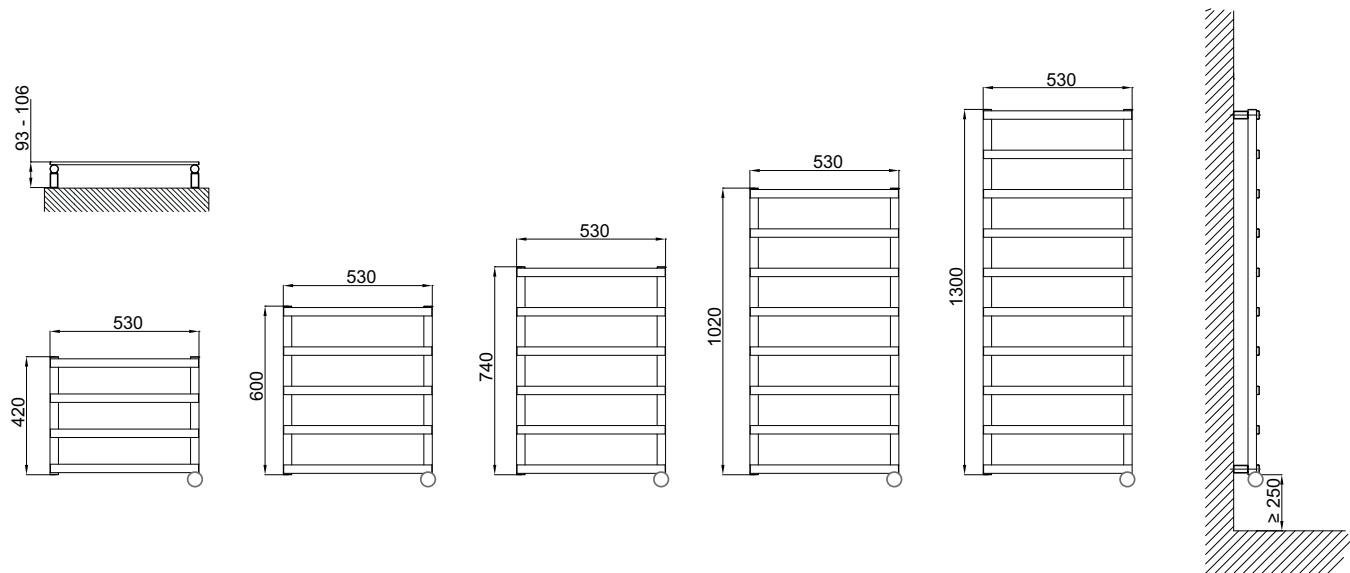
CERTIFICATIONS



HOW TO PLACE ELECTRIC TOWEL RAILS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric towel rail must be always installed outside zone 1 and 2.
In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.

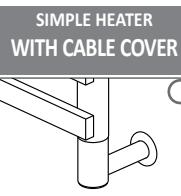


The general footprint has to be calculated considering the resistance cap height

ALESSANDRA ELECTRIC - POLISHED STAINLESS STEEL

Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
420	530	3581680400001	150	3,3
600	530	3581680400002	150	4,4
740	530	3581680400003	150	5,0
1020	530	3581680400004	150	5,9
1300	530	3581680400005	150	6,7

NEW



The general footprint has to be calculated considering the resistance cap height

ALESSANDRA ELECTRIC - POLISHED STAINLESS STEEL (SIMPLE HEATER WITH CABLE COVER)

Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
420	530	3581680400011	150	3,3
600	530	3581680400012	150	4,4
740	530	3581680400013	150	5,0
1020	530	3581680400014	150	5,9
1300	530	3581680400015	150	6,7



LAURA ELECTRIC POLISHED STAINLESS STEEL



page 142

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in polished stainless steel ø 30 mm.
- Horizontal elements in polished stainless steel ø 25 mm.
- Glycolate water.

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The towel rail is protected by recyclable carton box. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES:

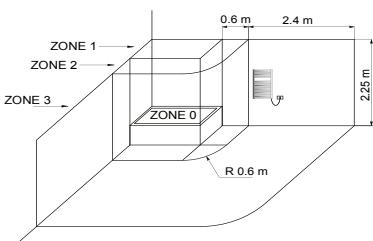
See page 508

Electrical only:	<input checked="" type="checkbox"/> Simple heater with cable cover (wire for direct wall fixed outlet)	<input checked="" type="checkbox"/> Manual ON/OFF (1200 mm wire lenght with Schuko plug)
Class protection: CLASS 1		Minimum ingress protection: IP 54

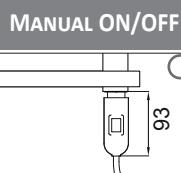
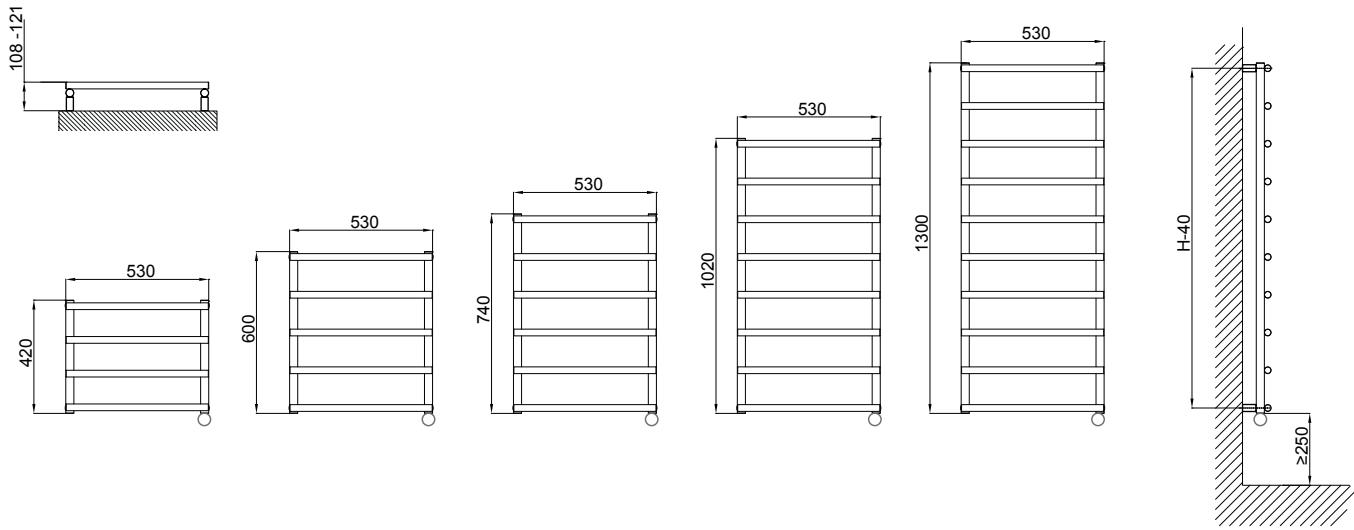
CERTIFICATIONS



HOW TO PLACE ELECTRIC TOWEL RAILS



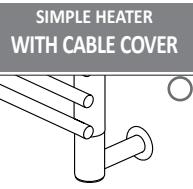
The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric towel rail must be always installed outside zone 1 and 2.
In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



The general footprint has to be calculated considering the resistance cap height

LAURA ELECTRIC - POLISHED STAINLESS STEEL

Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
420	530	3581570400001	150	4,40
600	530	3581570400002	150	5,60
740	530	3581570400003	150	6,60
1020	530	3581570400004	150	8,7
1300	530	3581570400005	150	10,9

NEW

The general footprint has to be calculated considering the resistance cap height

LAURA ELECTRIC - POLISHED STAINLESS STEEL (SIMPLE HEATER WITH CABLE COVER)

Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
420	530	3581570400011	150	4,40
600	530	3581570400012	150	5,60
740	530	3581570400013	150	6,60
1020	530	3581570400014	150	8,7
1300	530	3581570400015	150	10,9



CLAUDIA® BLOWER



page 42

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel semi oval 30 x 40 mm.
- Horizontal heating elements in painted mild steel Ø 25 mm.
- Glycolate water.

ELECTRIC MODULE FOR VENTILATED FUNCTION:

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: +10°C to + 30°C

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.

For other colours price has to be increased by 30%.

Colour chart: see page 540

ACCESSORIES:

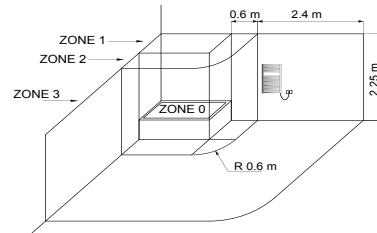
See page 508

Electrical only:	<input checked="" type="checkbox"/> With BLOWER electric module for the ventilated function	Seasonal energy efficiency η_s : 40%
Class protection: CLASS 2	Minimum ingress protection: IP 24	Wire lenght: 800 mm with Schuko plug

CERTIFICATIONS



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.

ACCESSORIES

Wireless remote control



Remote control of "BLOWER" ventilated functioning
Art. nr. 5150990000011



Kit 2 hooks painted mild steel - white R01

Art. nr. 5991990310028

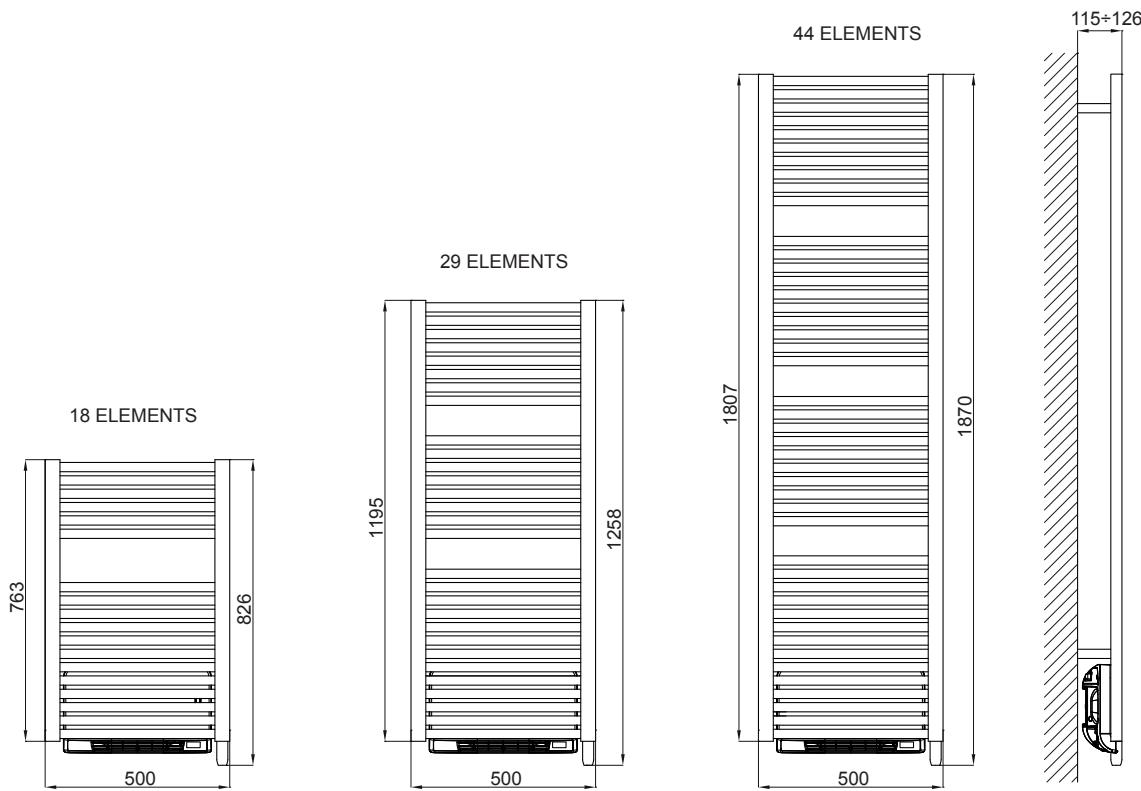
If ordered separately from the radiator, the accessories are available in standard white only.



Towel bar painted mild steel-white R01

WIDTH 377 mm	L
5991990310047	≥ 400 mm
5991990310029	≥ 500 mm
5991990310034	≥ 600 mm
5991990310030	≥ 750 mm

Accessories and spare parts - see from page 508



CLAUDIA® BLOWER

Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	BLOWER Output [Watt]	Weight [Kg]
763	500	3581356100083	500	1000	17
1195	500	3581356100084	750	1000	24
1807	500	3581356100085	1000	1000	33



For the radiators manufactured in coloured version different from standard white the "Blower" electric module for ventilated function is provided in grey finishing.

ELECTRIC MODULE FOR THE VENTILATED FUNCTION:

- Ultra-discreet : Once integrated, the controller at the back of the heating body is aesthetically invisible
- Excellent ergonomic settings
- "Smart" electronic control : this means stable and accurate temperature in the bathroom all year round
- Energy Saving Pack
- Super comfort feature (automatic Boost): additional instantaneous heating, the hot air blower enables automatic and swift room temperature increase, after an Eco, Frost protection or Standby period
- Minimal thickness behind the towel rail
- Active memory: clock and settings are saved by EEPROM in case the mains power supply goes off

Art. nr. and price are referred to colour WHITE R01 - RAL 9010 version.



CLAUDIA® BLOWER DUAL ENERGY



page 43

EUROPEAN
WARRANTY

NEW

MATERIAL:

- Vertical collectors in painted mild steel semi oval 30 x 40 mm.
- Horizontal heating elements in painted mild steel Ø 25 mm.

ELECTRIC MODULE FOR VENTILATED FUNCTION:

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: +10°C to + 30°C

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

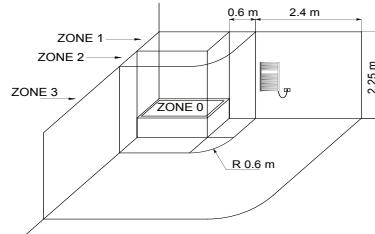
Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	Minimum ingress protection: IP 24	<input checked="" type="checkbox"/> Dual energy (With BLOWER electric module for the ventilated function)
--------------	---	-----------------------------------	--

P. Max: 8 bar	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	----------------	--

CERTIFICATIONS**HOW TO PLACE ELECTRIC RADIATORS**

The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.

INCLUDED**Wireless remote control**

Remote control of "BLOWER" ventilated functioning
Art. nr. 5150990000011

ACCESSORIES**Kit 2 hooks painted mild steel - white R01**

Art. nr. 5991990310028

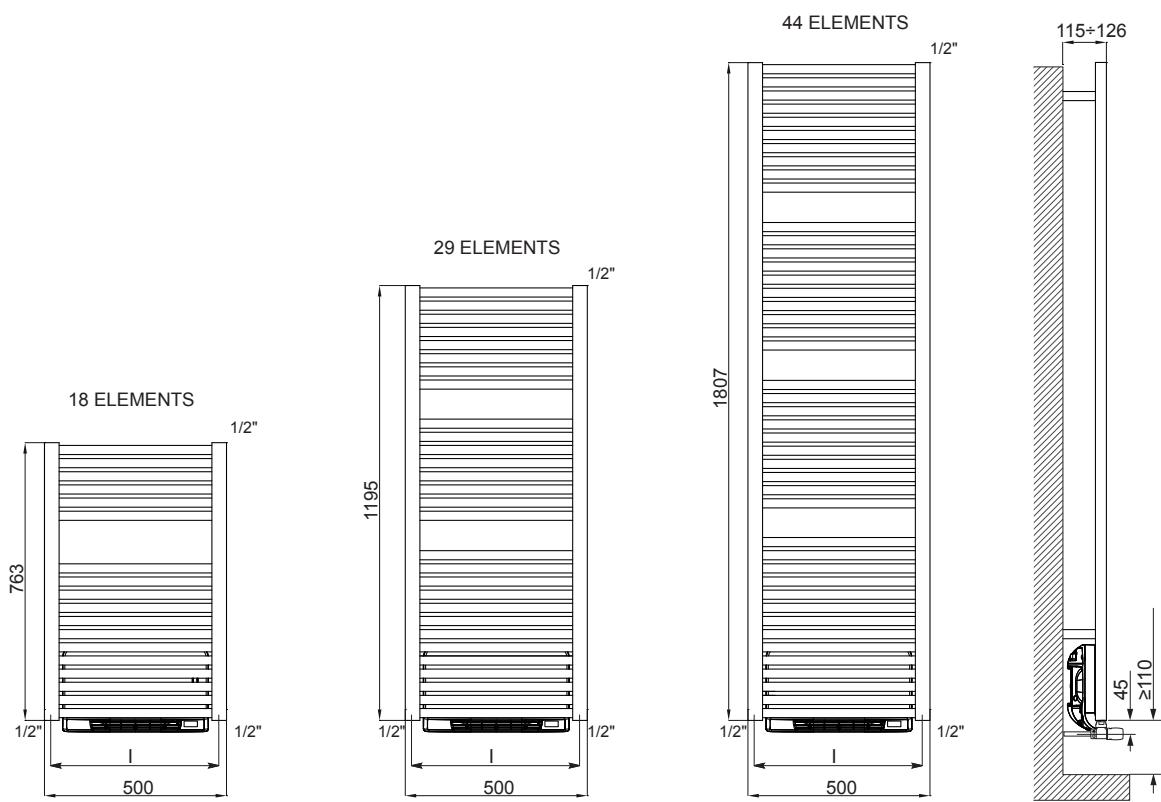
If ordered separately from the radiator, the accessories are available in standard white only.

**Towel bar painted mild steel-white R01**

WIDTH 377 mm

Art. nr.	L
5991990310047	≥ 400 mm
5991990310029	≥ 500 mm
5991990310034	≥ 600 mm
5991990310030	≥ 750 mm

Accessories and spare parts - see from page 508



CLAUDIA® BLOWER DUAL ENERGY

Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Thermal output [Watt]		BLOWER Output	
							Δt=50°C	Δt=30°C	Exp. n	[Watt]
763	500	450	3581356100170	10,1	0,821	4,8	389	206	1,2472	1000
1195	500	450	3581356100171	13,4	1,26	7,4	595	314	1,2488	1000
1807	500	450	3581356100172	18,1	1,91	11,3	907	479	1,2513	1000

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



GLORIA 22 BLOWER



NEW

MATERIAL:

- Vertical collectors in painted mild steel ø 30 mm.
- Horizontal heating elements in painted mild steel ø 22 mm.
- Glycolate water.

ELECTRIC MODULE FOR VENTILATED FUNCTION:

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: +10°C to + 30°C

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.

For other colours price has to be increased by 30%.

Colour chart: see page 540

ACCESSORIES:

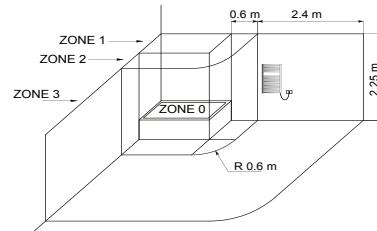
See page 508

Electrical only:	<input checked="" type="checkbox"/> With BLOWER electric module for the ventilated function	Seasonal energy efficiency η_s : 40%
Class protection: CLASS 2	Minimum ingress protection: IP 24	Wire lenght: 800 mm with Schuko plug

CERTIFICATIONS



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.

ACCESSORIES

Wireless remote control



Remote control of "BLOWER" ventilated functioning

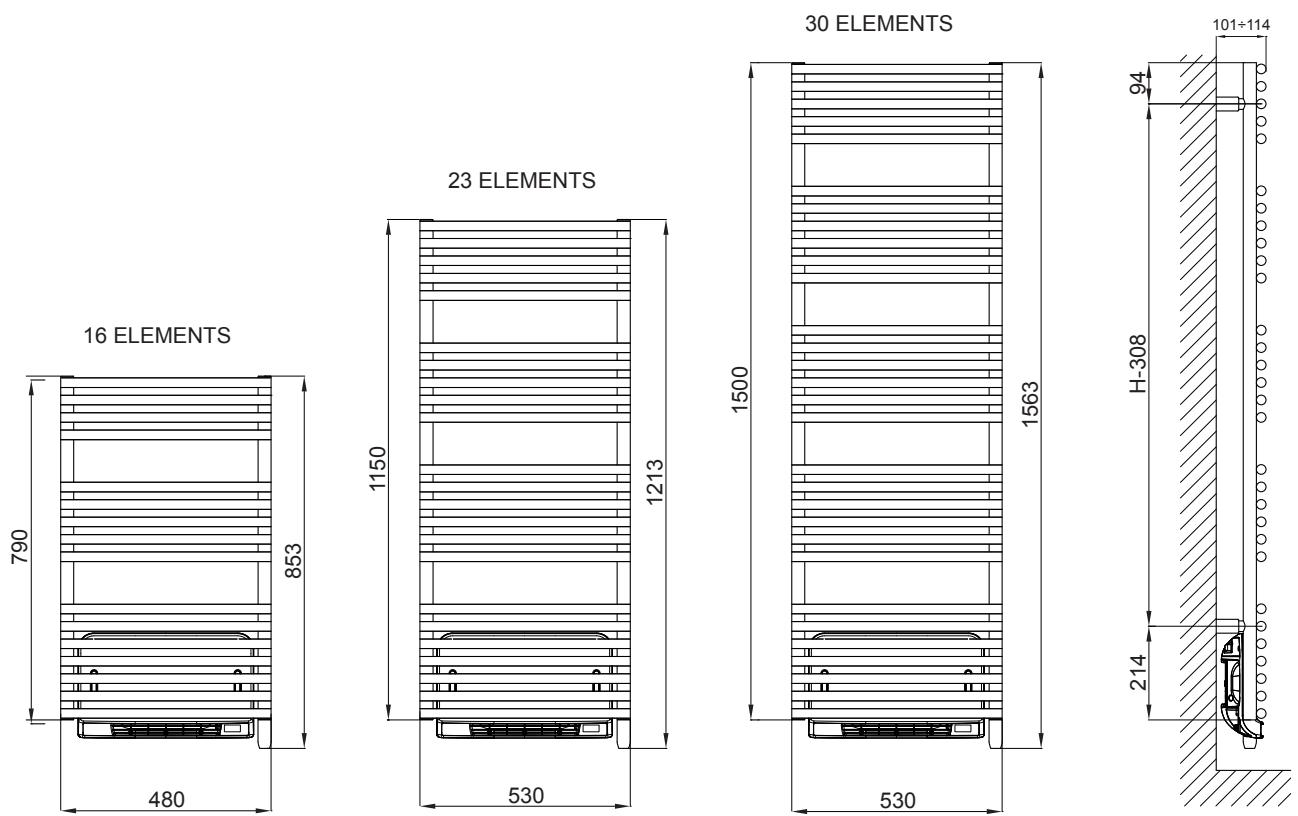
Art. nr. 5150990000011

Accessories and spare parts - see from page 508



page 80

EUROPEAN
WARRANTY



GLORIA 22 BLOWER

Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	BLOWER Output [Watt]	Weight [Kg]
790	480	3581666100020	500	1000	15
1150	530	3581666100021	750	1000	19
1500	530	3581666100022	1000	1000	24



For the radiators manufactured in coloured version different from standard white the "Blower" electric module for ventilated function is provided in grey finishing.

ELECTRIC MODULE FOR THE VENTILATED FUNCTION:

- Ultra-discreet : Once integrated, the controller at the back of the heating body is aesthetically invisible
- Excellent ergonomic settings
- "Smart" electronic control : this means stable and accurate temperature in the bathroom all year round
- Energy Saving Pack
- Super comfort feature (automatic Boost): additional instantaneous heating, the hot air blower enables automatic and swift room temperature increase, after an Eco, Frost protection or Standby period
- Minimal thickness behind the towel rail
- Active memory: clock and settings are saved by EEPROM in case the mains power supply goes off

Art. nr. and price are referred to colour WHITE R01 - RAL 9010 version.



GLORIA 22 BLOWER DUAL ENERGY



NEW

MATERIAL:

- Vertical collectors in painted mild steel ø 30 mm.
- Horizontal heating elements in painted mild steel ø 22 mm.

ELECTRIC MODULE FOR VENTILATED FUNCTION:

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: +10°C to + 30°C

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

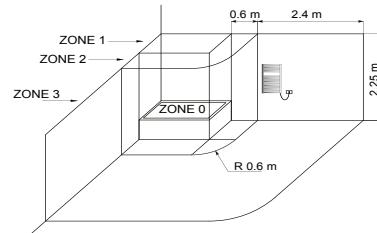
Functioning:	<input checked="" type="checkbox"/> Hot water	Minimum ingress protection: IP 24	<input checked="" type="checkbox"/> Dual energy (With BLOWER electric module for the ventilated function)
--------------	---	-----------------------------------	--

P. Max: 8 bar	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	----------------	--

CERTIFICATIONS



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.

INCLUDED

Wireless remote control



Remote control of "BLOWER" ventilated functioning
Art. nr. 5150990000011

ACCESSORIES

**Kristal valve square
With thermostatic option
White R01 - ral 9010**



Copper conn. Ø 12/14/15
Art. nr. 5991990311161
Multilayer conn. Ø 16
Art. nr. 5991990311160

White thermostatic head



(Kit 2 pieces)
Art. nr. 5035270710016

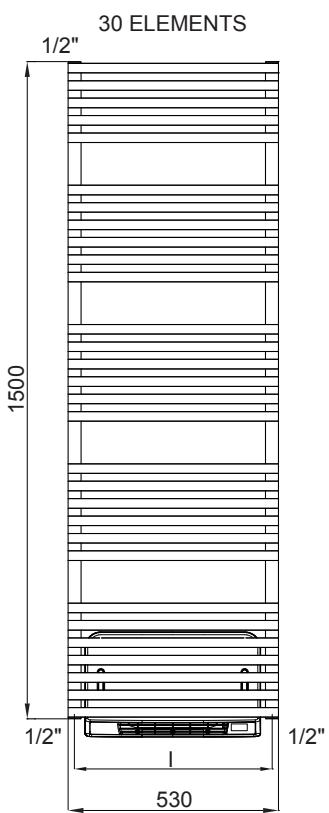
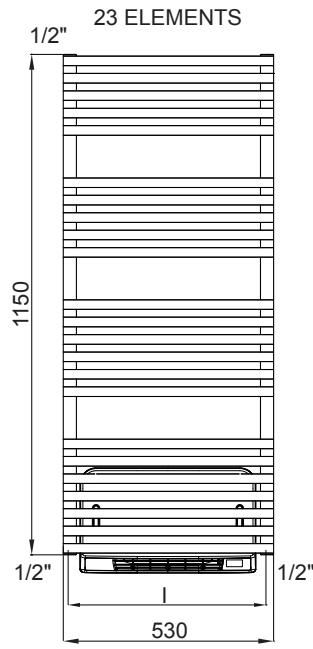
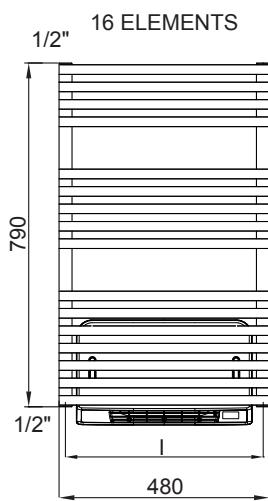
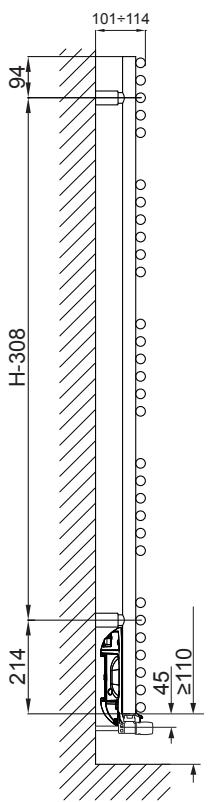
If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



page 81

EUROPEAN
WARRANTY



GLORIA 22 BLOWER DUAL ENERGY

Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m ²]	Water content [lt]	Thermal output [Watt]		BLOWER Output	
							Δt=50°C	Δt=30°C	Exp. n	[Watt]
790	480	450	3581666100030	10,7	0,66	3,1	302	164	1,1941	1000
1150	530	500	3581666100031	14,3	1,03	5	460	247	1,2153	1000
1500	530	500	3581666100032	17,3	1,32	6,5	591	318	1,2157	1000

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



DORY BLOWER



page 86

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel ø 30 mm.
- Horizontal heating elements in painted mild steel 50 x 10 mm.
- Glycolate water.

ELECTRIC MODULE FOR VENTILATED FUNCTION:

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: +10°C to + 30°C

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.

For other colours price has to be increased by 30%.

Colour chart: see page 540

ACCESSORIES:

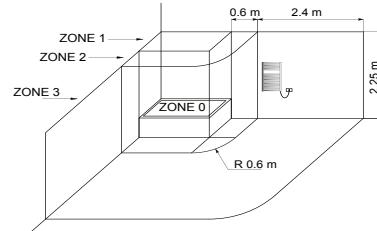
See page 508

Electrical only:	<input checked="" type="checkbox"/> With BLOWER electric module for the ventilated function	Seasonal energy efficiency η_s : 40%
Class protection: CLASS 2	Minimum ingress protection: IP 24	Wire lenght: 800 mm with Schuko plug

CERTIFICATIONS



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.

ACCESSORIES

Wireless remote control



Remote control of "BLOWER" ventilated functioning
Art. nr. 5150990000011



Kit 2 hooks painted mild steel - white R01

Art. nr. 5991990310389

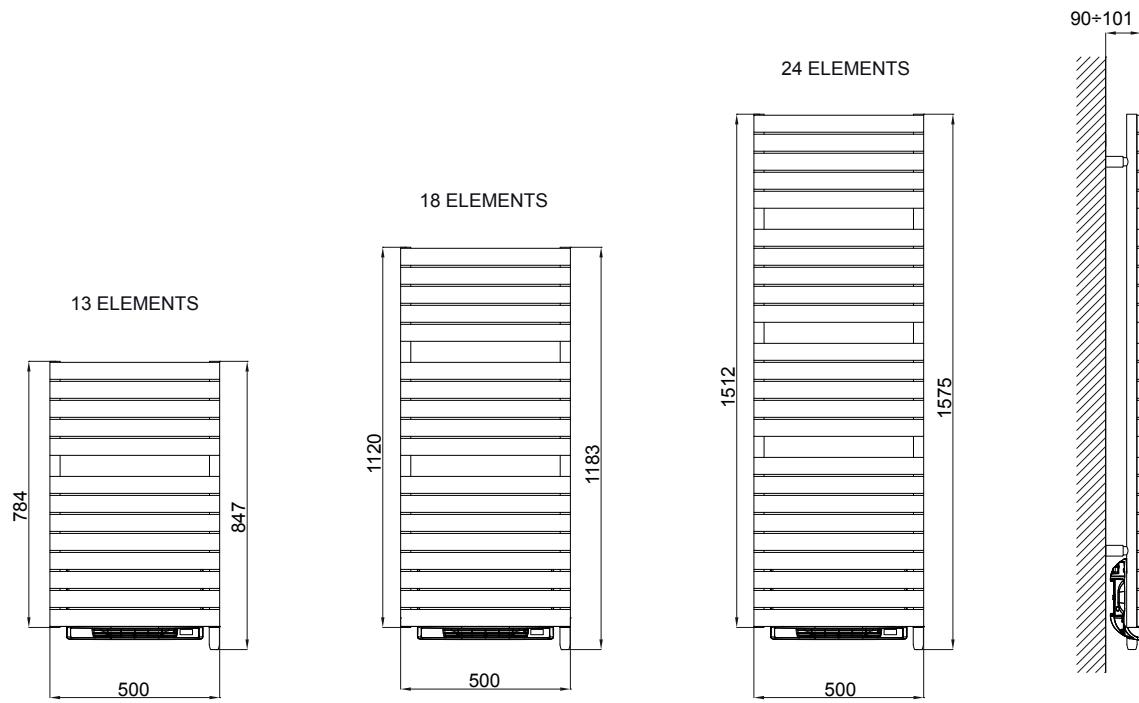


Towel bar painted mild steel-white R01

Art. nr. 5991990331127

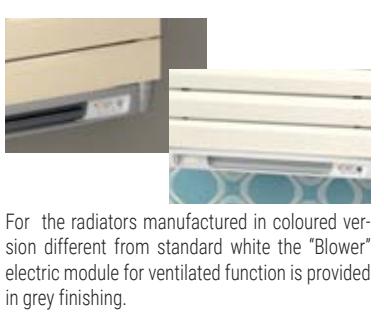
If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



DORY BLOWER

Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	BLOWER Output [Watt]	Weight [Kg]
784	500	3581426100060	500	1000	19
1120	500	3581426100061	750	1000	25
1512	500	3581426100062	1000	1000	32



ELECTRIC MODULE FOR THE VENTILATED FUNCTION:

- Ultra-discreet : Once integrated, the controller at the back of the heating body is aesthetically invisible
- Excellent ergonomic settings
- "Smart" electronic control : this means stable and accurate temperature in the bathroom all year round
- Energy Saving Pack
- Super comfort feature (automatic Boost): additional instantaneous heating, the hot air blower enables automatic and swift room temperature increase, after an Eco, Frost protection or Standby period
- Minimal thickness behind the towel rail
- Active memory: clock and settings are saved by EEPROM in case the mains power supply goes off

Art. nr. and price are referred to colour WHITE R01 - RAL 9010 version.



DORY BLOWER DUAL ENERGY



NEW

MATERIAL:

- Vertical collectors in painted mild steel ø 30 mm.
- Horizontal heating elements in painted mild steel 50 x 10 mm.

ELECTRIC MODULE FOR VENTILATED FUNCTION:

Power 1000 Watt • 230 V 50 Hz • On / Off Switch • Temperature settings: +10°C to + 30°C

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

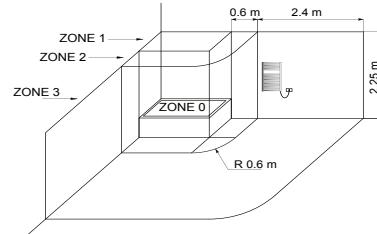
Functioning:	<input checked="" type="checkbox"/> Hot water	Minimum ingress protection: IP 24	<input checked="" type="checkbox"/> Dual energy (With BLOWER electric module for the ventilated function)
--------------	---	-----------------------------------	--

P. Max: 5 bar	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	----------------	--

CERTIFICATIONS



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.

INCLUDED

Wireless remote control



Remote control of "BLOWER" ventilated functioning
Art. nr. 5150990000011

ACCESSORIES

**Kristal valve square
With thermostatic option
White R01 - ral 9010**



Copper conn. Ø 12/14/15
Art. nr. 5991990311161

Multilayer conn. Ø 16
Art. nr. 5991990311160

White thermostatic head



(Kit 2 pieces)
Art. nr. 5035270710016

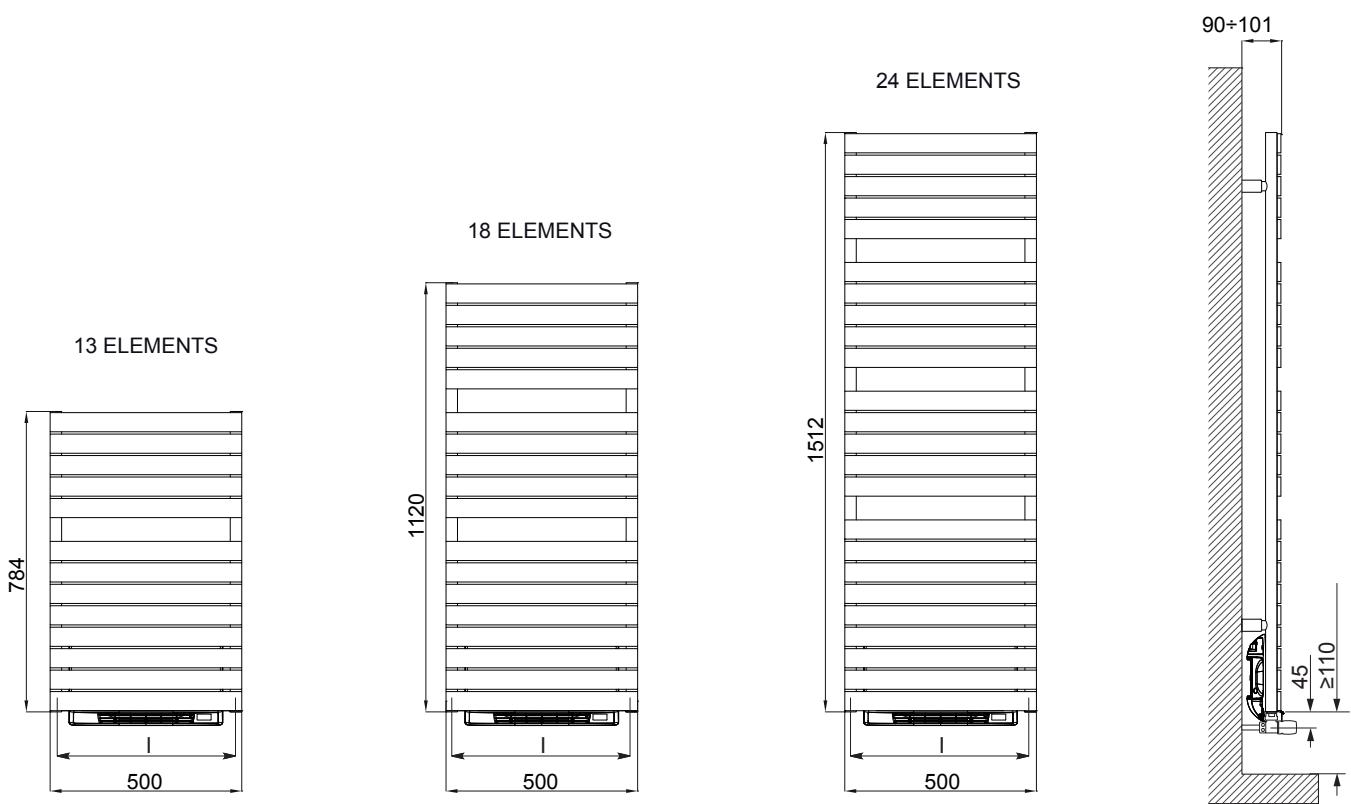
If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508



page 87

EUROPEAN
WARRANTY



DORY BLOWER DUAL ENERGY

Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m ²]	Water content [lt]	Thermal output [Watt]		BLOWER Output	
							Δt=50°C	Δt=30°C	Exp. n	[Watt]
784	500	470	3581426100070	12,8	0,928	3,2	442	243	1,1679	1000
1120	500	470	3581426100071	16,2	1,291	4,5	592	326	1,1693	1000
1512	500	470	3581426100072	20,3	1,725	6,1	767	422	1,1709	1000

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MY WAY®
SYSTEM

ACCESSORIES
AND TECHNICAL
SUPPORT

CORDIVARI®



KELLY FLAT DX BLOWER



EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel ø 38 mm.
- Horizontal heating elements in painted mild steel 50 x10 mm.
- Glycolate water.

ELECTRIC MODULE FOR VENTILATED FUNCTION:

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: +10°C to + 30°C

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.

For other colours price has to be increased by 30%.

Colour chart: see page 540

ACCESSORIES:

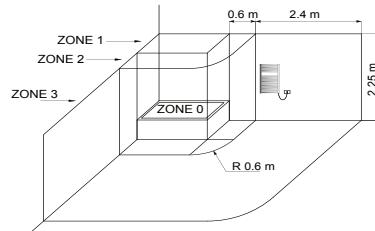
See page 508

Electrical only:	<input checked="" type="checkbox"/> With BLOWER electric module for the ventilated function	Seasonal energy efficiency η_s : 40%
Class protection: CLASS 2	Minimum ingress protection: IP 24	Wire lenght: 800 mm with Schuko plug

CERTIFICATIONS



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.

ACCESSORIES

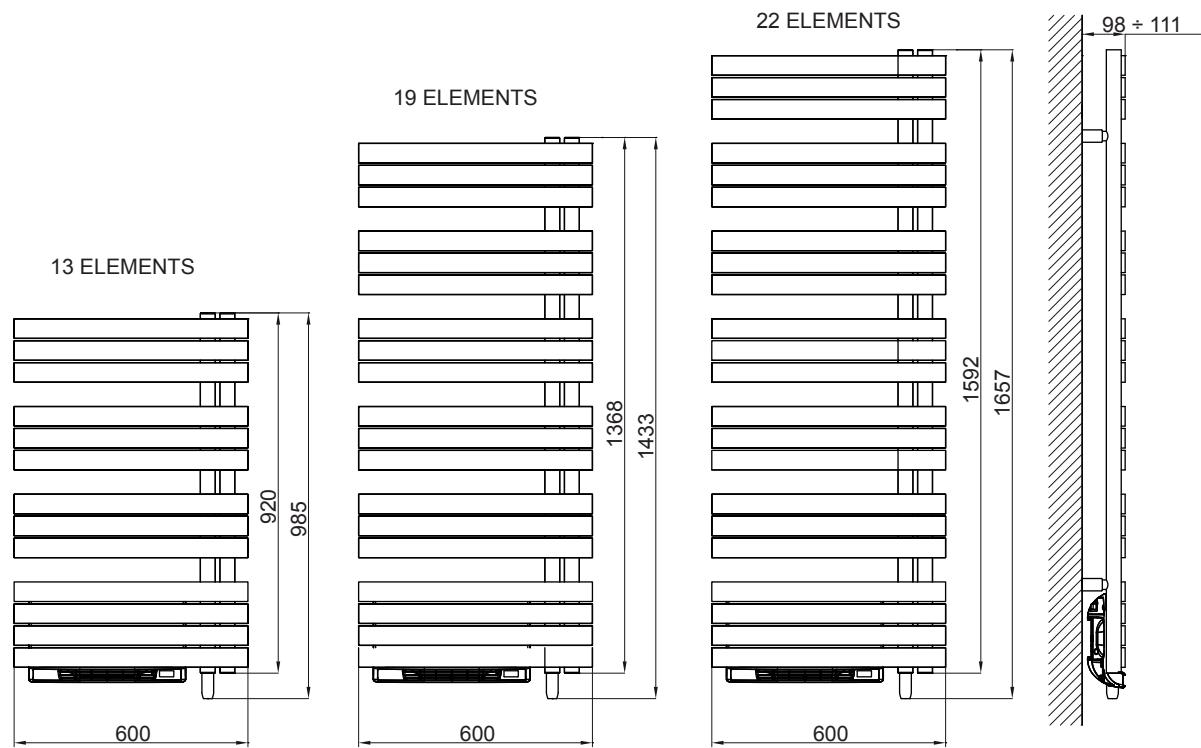
Wireless remote control



Remote control of "BLOWER" ventilated functioning

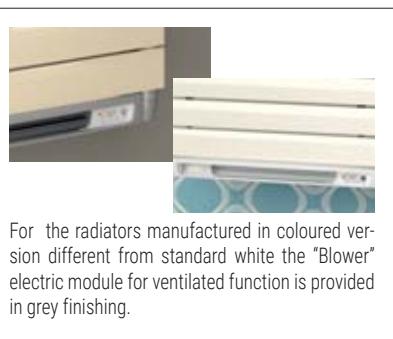
Art. nr. 5150990000011

Accessories and spare parts - see from page 508



KELLY FLAT DX BLOWER

Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	BLOWER Output [Watt]	Weight [Kg]
920	600	3581726100156	500	1000	20
1368	600	3581726100157	750	1000	27
1592	600	3581726100158	1000	1000	31



ELECTRIC MODULE FOR THE VENTILATED FUNCTION:

- Ultra-discreet : Once integrated, the controller at the back of the heating body is aesthetically invisible
- Excellent ergonomic settings
- "Smart" electronic control : this means stable and accurate temperature in the bathroom all year round
- Energy Saving Pack
- Super comfort feature (automatic Boost): additional instantaneous heating, the hot air blower enables automatic and swift room temperature increase, after an Eco, Frost protection or Standby period
- Minimal thickness behind the towel rail
- Active memory: clock and settings are saved by EEPROM in case the mains power supply goes off

Art. nr. and price are referred to colour WHITE R01 - RAL 9010 version.



KELLY FLAT SX BLOWER



EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel ø 38 mm.
- Horizontal heating elements in painted mild steel 50 x10 mm.
- Glycolate water.

ELECTRIC MODULE FOR VENTILATED FUNCTION:

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: +10°C to + 30°C

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.

For other colours price has to be increased by 30%.

Colour chart: see page 540

ACCESSORIES:

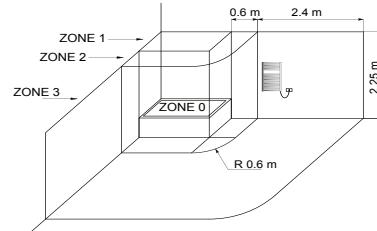
See page 508

Electrical only:	<input checked="" type="checkbox"/> With BLOWER electric module for the ventilated function	Seasonal energy efficiency η_s : 40%
Class protection: CLASS 2	Minimum ingress protection: IP 24	Wire lenght: 800 mm with Schuko plug

CERTIFICATIONS



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.

ACCESSORIES

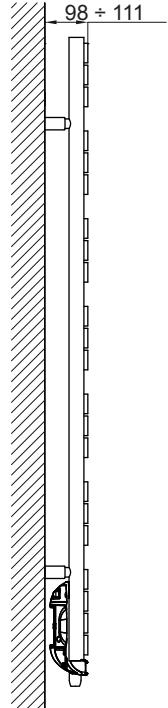
Wireless remote control



Remote control of "BLOWER" ventilated functioning

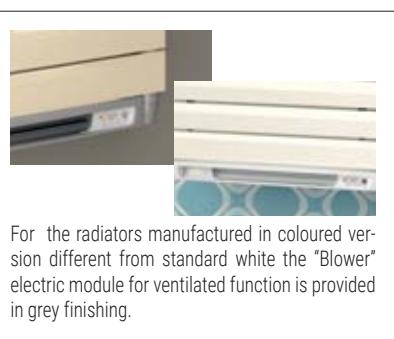
Art. nr. 5150990000011

Accessories and spare parts - see from page 508



KELLY FLAT SX BLOWER

Height [mm]	WIDTH L [mm]	Art. nr.	Output [Watt]	BLOWER Output [Watt]	Weight [Kg]
920	600	3581726100159	500	1000	20
1368	600	3581726100160	750	1000	27
1592	600	3581726100161	1000	1000	31



ELECTRIC MODULE FOR THE VENTILATED FUNCTION:

- Ultra-discreet : Once integrated, the controller at the back of the heating body is aesthetically invisible
- Excellent ergonomic settings
- "Smart" electronic control : this means stable and accurate temperature in the bathroom all year round
- Energy Saving Pack
- Super comfort feature (automatic Boost): additional instantaneous heating, the hot air blower enables automatic and swift room temperature increase, after an Eco, Frost protection or Standby period
- Minimal thickness behind the towel rail
- Active memory: clock and settings are saved by EEPROM in case the mains power supply goes off

Art. nr. and price are referred to colour WHITE R01 - RAL 9010 version.



KELLY FLAT (DX/SX) BLOWER DUAL ENERGY



NEW

MATERIAL:

- Vertical collectors in painted mild steel ø 38 mm.
- Horizontal heating elements in painted mild steel 50 x 10 mm.

ELECTRIC MODULE FOR VENTILATED FUNCTION:

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: +10°C to + 30°C

FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.
For other colours price has to be increased by 30%.
Colour chart: see page 540

ACCESSORIES:

See page 508

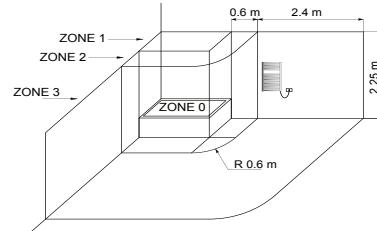
Functioning:	<input checked="" type="checkbox"/> Hot water	Minimum ingress protection: IP 24	<input checked="" type="checkbox"/> Dual energy (With BLOWER electric module for the ventilated function)
--------------	---	-----------------------------------	--

P. Max: 5 bar	T. Max: 110° C	Connections: 2 x 1/2" gas - 2 x 1/2" gas for airvent
---------------	----------------	--

CERTIFICATIONS



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2. In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%.

The seasonal energy efficiency of ambient heating (η_s) is expressed with the ratio between the demand of ambient heating supplied by a heating appliance and the annual energy consumption required to meet this demand, expressed as percentage.

The Cordivari ErP is in line with the new Ecodesign directives, which are characterized by a great efficiency combined with the maximum attention to energy saving. In particular the radiators are at least equipped with: electronic temperature control; open window sensor; weekly program timer.

Thanks to the new fully programmable digital thermostats and sensors present on the radiators, now the new Cordivari ErP electric radiators, heat, efficiency and energy saving are the best allies of your comfort.

INCLUDED

Wireless remote control



Remote control of "BLOWER" ventilated functioning
Art. nr. 5150990000011

ACCESSORIES

**Kristal valve square
With thermostatic option
White R01 - ral 9010**



Copper conn. Ø 12/14/15
Art. nr. 5991990311161
Multilayer conn. Ø 16
Art. nr. 5991990311160

White thermostatic head



(Kit 2 pieces)
Art. nr. 5035270710016

If ordered separately from the radiator, the accessories are available in standard white only.

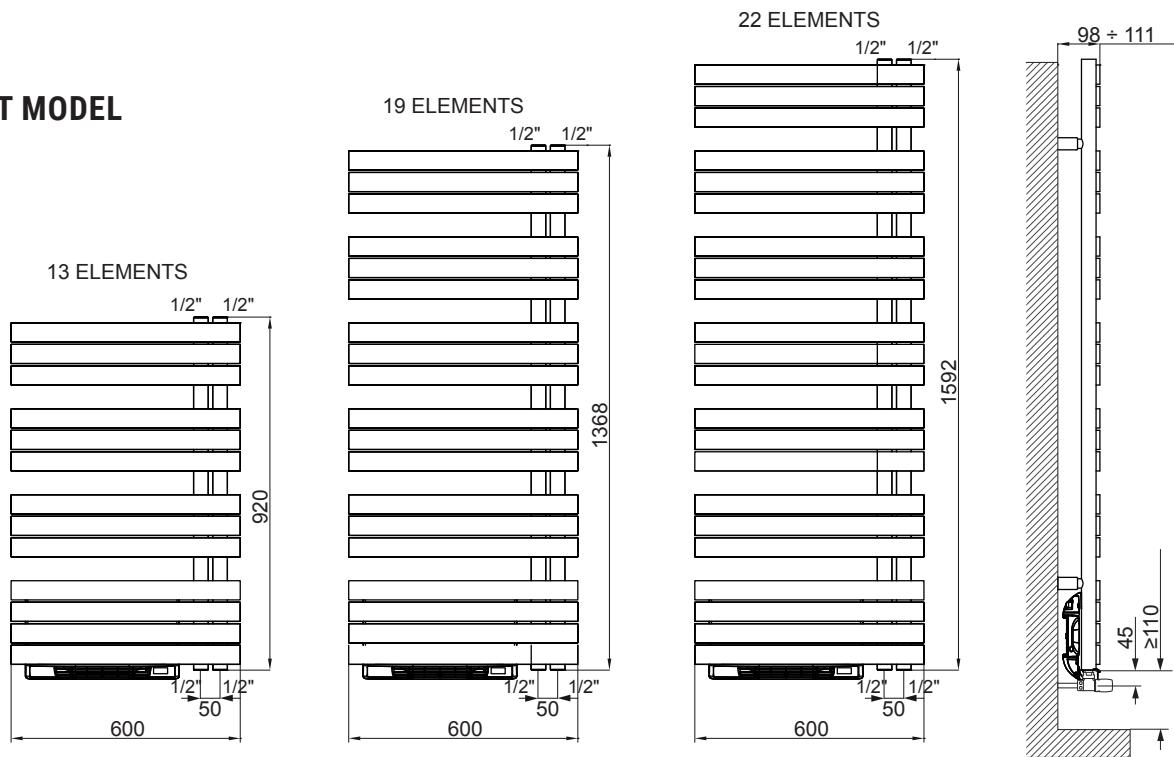
Accessories and spare parts - see from page 508



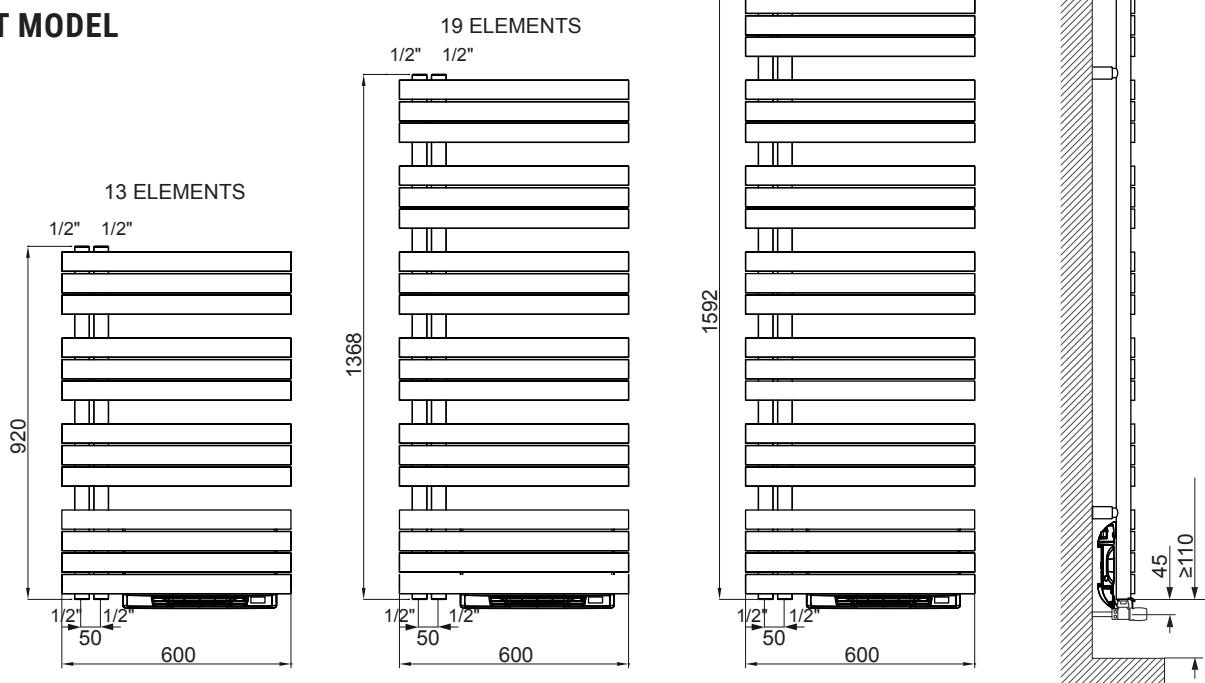
page 100

EUROPEAN
WARRANTY

RIGHT MODEL



LEFT MODEL



KELLY FLAT BLOWER DUAL ENERGY

Height [mm]	WIDTH L [mm]	Pipe Centres I [mm]	Art. nr. RIGHT model	Art. nr. LEFT model	Thermal output						BLOWER Output [Watt]
					Dry Weight [Kg]	Surface [m ²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	
920	600	50	3581726100213	3581726100210	14,7	1,10	4,33	443	234	1,2536	1000
1368	600	50	3581726100214	3581726100211	19,5	1,60	6,53	637	336	1,2533	1000
1592	600	50	3581726100215	3581726100212	22,0	1,86	7,63	742	388	1,2696	1000

ACCESSORIES
AND TECHNICAL
SUPPORT

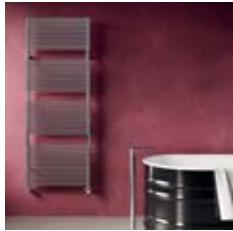
INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

ARDÉSIA®

ELECTRIC RADIATORS
AND FAN HEATER



ELEN 18

POLISHED STAINLESS STEEL



page 110

**WARRANTY
10 YEARS**

MATERIAL:

- Vertical collectors in polished stainless steel da ø 30 mm.
- Horizontal elements in polished stainless steel ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES:

See page 508

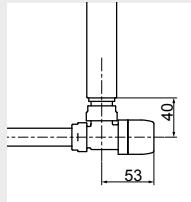
Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Electric (see page 348)	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

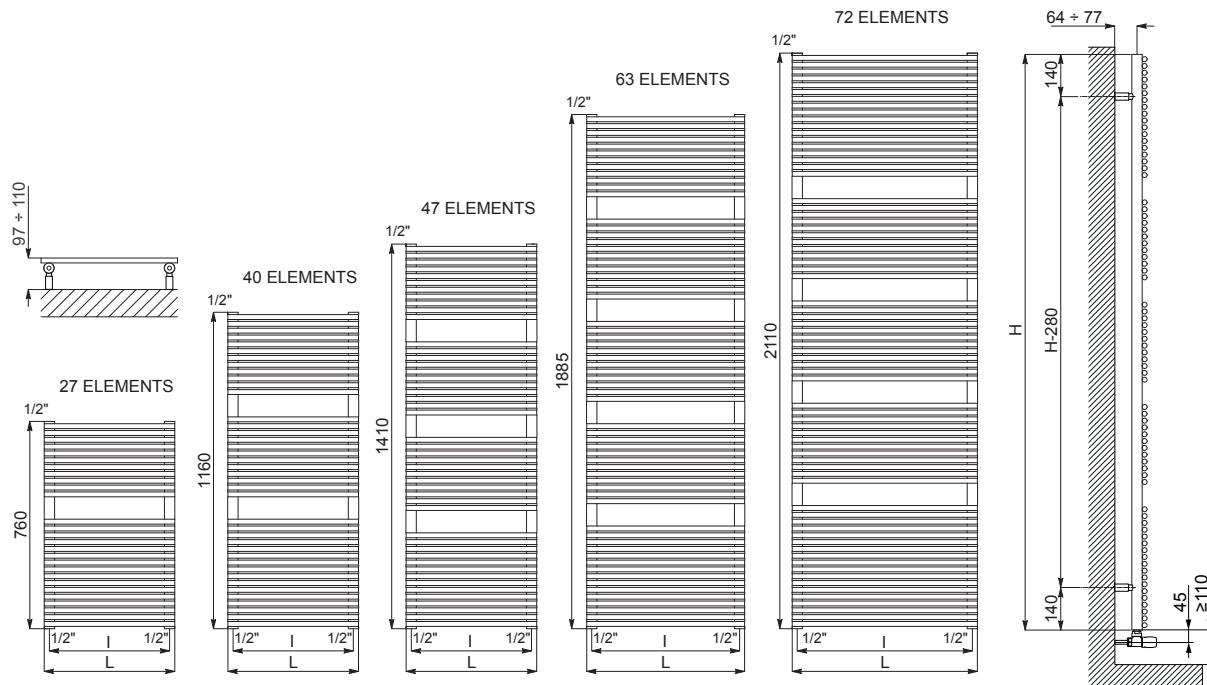
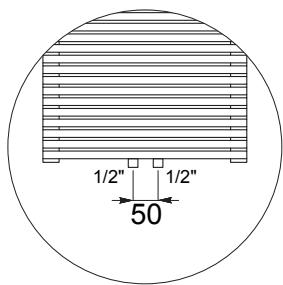
CERTIFICATIONS



ACCESSORIES

 Kristal valve square with thermostatic option-chromed Copper conn. Ø 12/14/15 Art. nr. 5991990311165 Multilayer conn. Ø 16 Art. nr. 5991990311166	 Kit 2 hooks-polished stainless steel Art. nr. 5991990010216	 Towel bar-polished stainless steel WIDTH 350 mm Art. nr. 5991990010221
 Quotes for square Kristal valves with thermostatic option		

Accessories and spare parts - see from page 508



Quotes for Kristal valves

ELEN 18 POLISHED STAINLESS STEEL

	Height [mm]	WIDTH L [mm]	Pipe Centres I [mm]	Art. nr.
760	430	400	3551440133130	
	480	450	3551440133134	
	430	400	3551440133131	3551440133148
1160	480	450	3551440133135	3551440133152
	530	500	3551440133138	3551440133155
	580	550	3551440133142	3551440133159
1410	430	400	3551440133132	3551440133149
	480	450	3551440133136	3551440133153
	530	500	3551440133139	3551440133156
1885	580	550	3551440133143	3551440133160
	430	400	3551440133133	3551440133150
	480	450	3551440133137	3551440133154
2110	530	500	3551440133140	3551440133157
	580	550	3551440133144	3551440133161
	530	500	3551440133141	3551440133158
	580	550	3551440133145	3551440133162
	730	700	3551440133146	3551440133163

Pipe Centres 50 mm

Art. nr.
3551440133147
3551440133151
3551440133148
3551440133152
3551440133155
3551440133159
3551440133149
3551440133153
3551440133156
3551440133160
3551440133150
3551440133154
3551440133157
3551440133161
3551440133158
3551440133162
3551440133163

Thermal output [Watt]

Dry Weight [Kg]	Surface [m ²]	Water content [lt]	$\Delta t=50^\circ\text{C}$	$\Delta t=30^\circ\text{C}$	Exp. n	Dual energy kit [Watt]
7,8	0,8	3,5	282	147	1,2718	300
9,2	0,9	4,0	358	188	1,2626	400
11,5	1,2	5,3	415	217	1,2705	500
13,7	1,4	6,0	523	275	1,2576	600
15,7	1,6	6,8	631	333	1,2490	700
19,8	2,1	8,3	846	449	1,2384	900
13,7	1,4	6,3	486	254	1,2697	600
16,2	1,7	7,2	609	321	1,2549	700
18,6	1,9	8,1	732	388	1,2450	900
23,3	2,4	9,9	978	521	1,2325	1200
18,3	1,9	8,4	646	338	1,2681	700
21,7	2,2	9,6	799	422	1,2487	900
24,9	2,6	10,8	952	506	1,2357	900
31,2	3,3	13,2	1259	675	1,2192	1200
24,6	2,5	10,9	902	477	1,2453	900
28,3	2,9	12,3	1070	571	1,2305	1200
35,6	3,8	15,0	1404	756	1,2117	1200

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt /50)ⁿ



ELEN 18

SATIN STAINLESS STEEL



page 112

**WARRANTY
10 YEARS**

MATERIAL:

- Vertical collectors in satin stainless steel ø 30 mm.
- Horizontal elements in satin stainless steel ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

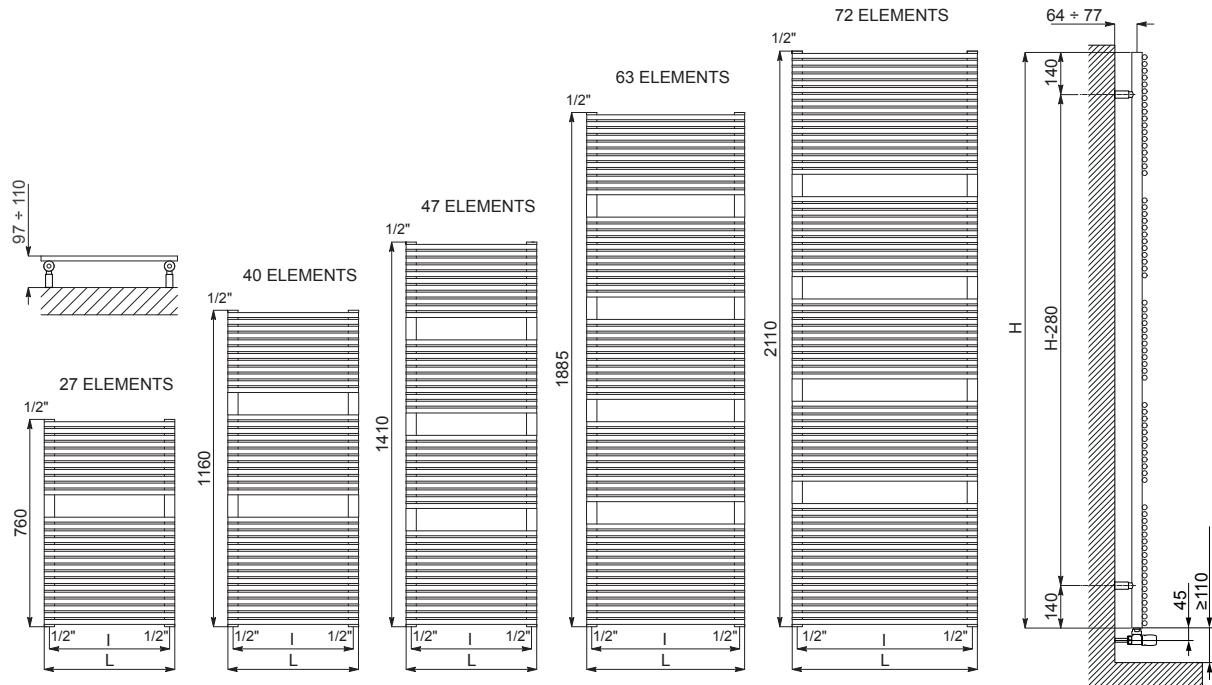
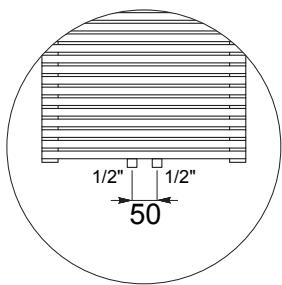
CERTIFICATIONS



ACCESSORIES

 Kristal valve square with thermostatic option-satin Copper conn. Ø 12/14/15 Art. nr. 5991990321145 Multilayer conn. Ø 16 Art. nr. 5991990321144	 Kit 2 hooks-satin stainless steel Art. nr. 5991990010217	 Towel bar-satin stainless steel (width 350 mm) Art. nr. 5991990010222
 Quotes for square Kristal valves with thermostatic option		

Accessories and spare parts - see from page 508



Quotes for Kristal valves

ELEN 18 SATIN STAINLESS STEEL

	Height [mm]	WIDTH L [mm]	Pipe Centres I [mm]	Art. nr.
760	430	400	3551590133040	
	480	450	3551590133044	
	430	400	3551590133041	
1160	480	450	3551590133045	
	530	500	3551590133048	
	580	550	3551590133052	
1410	430	400	3551590133042	
	480	450	3551590133046	
	530	500	3551590133049	
1885	580	550	3551590133053	
	430	400	3551590133043	
	480	450	3551590133047	
2110	530	500	3551590133050	
	580	550	3551590133054	
	530	500	3551590133051	
	730	700	3551590133055	
			3551590133056	

Pipe Centres 50 mm

Art. nr.	Thermal output [Watt]					Dual energy kit [Watt]
	Dry Weight [Kg]	Surface [m ²]	Water content [lt]	Δt=50°C	Δt=30°C	
3551590133057	7,8	0,8	3,5	291	151	1,2856
3551590133061	9,2	0,9	4,0	370	193	1,2714
3551590133058	11,5	1,2	5,3	434	226	1,2795
3551590133062	13,7	1,4	6,0	545	286	1,2634
3551590133065	15,7	1,6	6,8	657	346	1,2527
3551590133069	19,8	2,1	8,3	880	467	1,2395
3551590133059	13,7	1,4	6,3	509	265	1,2762
3551590133063	16,2	1,7	7,2	636	334	1,2590
3551590133066	18,6	1,9	8,1	764	404	1,2476
3551590133070	23,3	2,4	9,9	1020	543	1,2334
3551590133060	18,3	1,9	8,4	701	375	1,2236
3551590133064	21,7	2,2	9,6	868	455	1,2631
3551590133067	24,9	2,6	10,8	1014	532	1,2630
3551590133071	31,2	3,3	13,2	1317	706	1,2192
3551590133068	24,6	2,5	10,9	945	501	1,2436
3551590133072	28,3	2,9	12,3	1120	598	1,2293
3551590133073	35,6	3,8	15,0	1472	793	1,2113

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



ELEN 18 WIDE POLISHED STAINLESS STEEL



page 114

**WARRANTY
10 YEARS**

MATERIAL:

- Vertical collectors in polished stainless steel da ø 38 mm.
- Horizontal elements in polished stainless steel ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

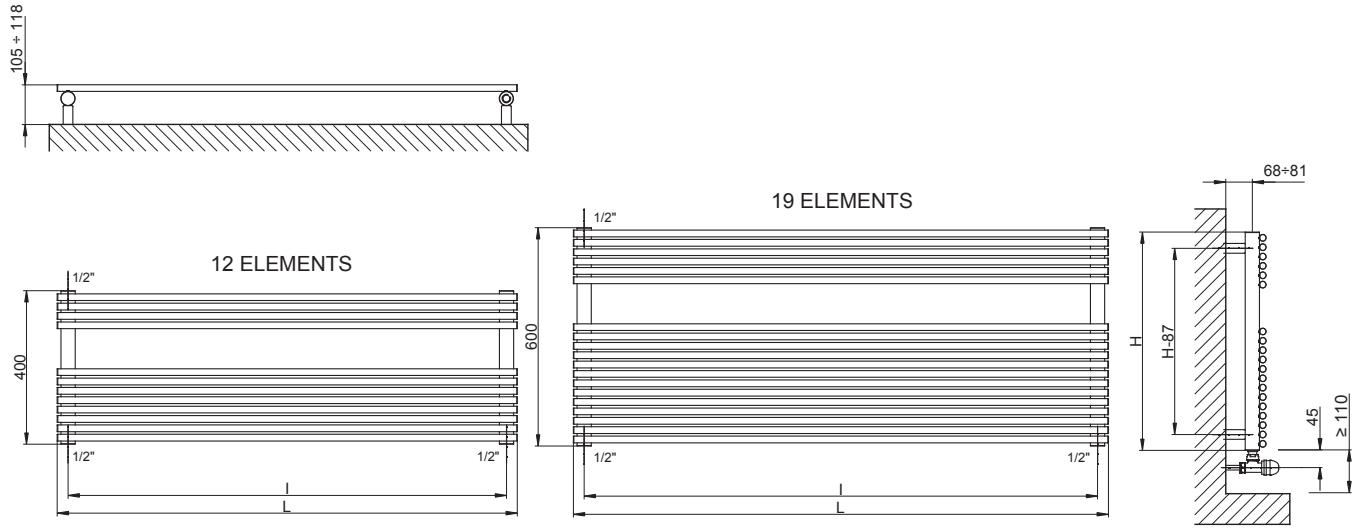
P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



ACCESSORIES

	Kristal valve square with thermostatic option-chromed Copper conn. Ø 12/14/15 Art. nr. 5991990311165 Multilayer conn. Ø 16 Art. nr. 5991990311166		Kristal corner valve with thermostatic option-chromed Copper conn. Ø 12/14/15 Art. nr. 5991990301148 Multilayer conn. Ø 16 Art. nr. 5991990301147		Kit 2 hooks-polished stainless steel Art. nr. 5991990010216
	Quotes for square Kristal valves with thermostatic option		Quotes for corner Kristal valves with thermostatic option		Accessories and spare parts - see from page 508



Quotes for Kristal valves

ELEN 18 WIDE POLISHED STAINLESS STEEL

	Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m ²]	Water content [lt]	Thermal output [Watt]		Dual energy kit [Watt]
								Δt=50°C	Δt=30°C	
400	1228	1170	3551440130201		8,4	0,9	3,6	460	249	1,2050
	1428	1370	3551440130202		9,2	1,06	4,1	535	289	1,2050
600	1228	1170	3551440130203		12,3	1,45	5,7	706	382	1,2010
	1428	1370	3551440130204		14,8	1,67	6,3	822	445	1,2010

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



ELEN 22

POLISHED STAINLESS STEEL



page 118

**WARRANTY
10 YEARS**

NEW

MATERIAL:

- Vertical collectors in polished stainless steel da ø 30 mm.
- Horizontal elements in polished stainless steel ø 22 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES:

See page 508

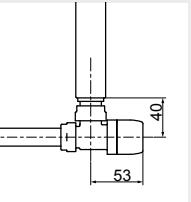
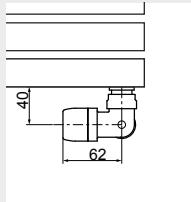
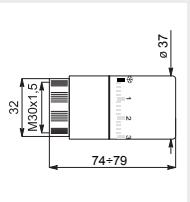
Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

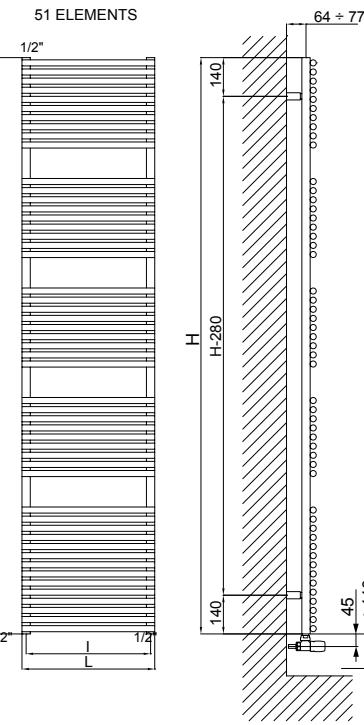
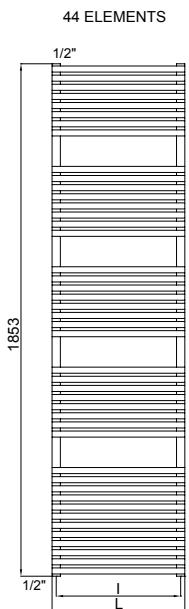
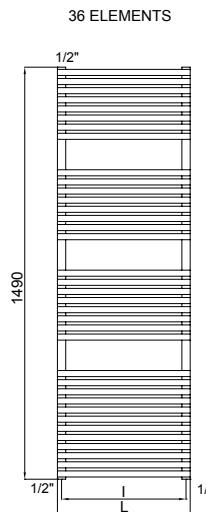
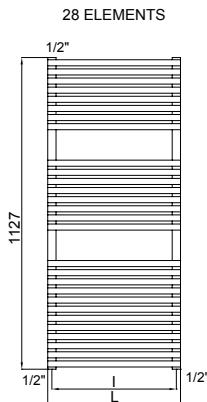
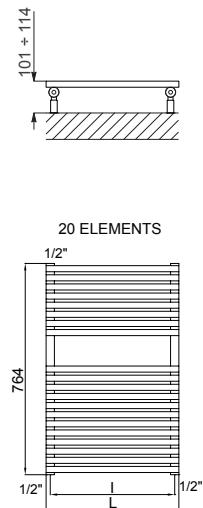
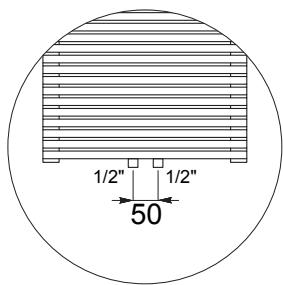
CERTIFICATIONS



ACCESSORIES

 Kristal valve square with thermostatic option-chromed Copper conn. Ø 12/14/15 Art. nr. 5991990311165 Multilayer conn. Ø 16 Art. nr. 5991990311166	 Kristal corner valve with thermostatic option-chromed Copper conn. Ø 12/14/15 Art. nr. 5991990301148 Multilayer conn. Ø 16 Art. nr. 5991990301147	 Chromed thermostatic head (Kit 2 pieces) Art. nr. 5035270710015
 Quotes for square Kristal valves with thermostatic option	 Quotes for corner Kristal valves with thermostatic option	 Thermostatic head quotes

Accessories and spare parts - see from page 508



Quotes for Kristal valves

ELEN 22 POLISHED STAINLESS STEEL

	Height [mm]	WIDTH L [mm]	Pipe Centres I [mm]	Art. nr.
764	430	400	3551440133080	
	480	450	3551440133085	
	430	400	3551440133081	
1127	480	450	3551440133086	
	530	500	3551440133091	
	580	550	3551440133096	
1490	430	400	3551440133082	
	480	450	3551440133087	
	530	500	3551440133092	
1853	580	550	3551440133097	
	430	400	3551440133083	
	480	450	3551440133088	
2084	530	500	3551440133093	
	580	550	3551440133098	
	480	450	3551440133089	
	530	500	3551440133094	
	580	550	3551440133099	
	730	700	3551440133104	

Pipe Centres 50 mm		Art. nr.	Thermal output [Watt]					Dual energy kit
Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]		
5,8	0,74	3,62	276	147	1,2335	300		
6,3	0,81	3,93	305	163	1,2248	400		
8,2	1,04	5,13	387	206	1,2348	500		
8,9	1,14	5,57	426	228	1,2265	500		
9,6	1,24	6,01	466	250	1,2181	600		
10,3	1,33	6,45	505	272	1,2098	700		
10,6	1,35	6,65	503	268	1,2289	700		
11,5	1,48	7,21	553	296	1,2233	700		
12,4	1,60	7,78	604	324	1,2178	700		
13,4	1,72	8,34	654	352	1,2122	900		
13,0	1,66	8,16	628	338	1,2147	700		
14,1	1,81	8,85	689	371	1,2123	900		
15,2	1,96	9,54	750	404	1,2099	900		
16,4	2,11	10,23	811	438	1,2076	900		
16,2	2,08	10,18	781	422	1,2053	900		
17,6	2,26	10,99	849	459	1,2049	900		
18,9	2,44	11,79	917	496	1,2046	1200		
22,9	2,97	14,19	1122	607	1,2037	1200		

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



NANCY POLISHED STAINLESS STEEL



page 120

WARRANTY
10 YEARS

MATERIAL:

- Vertical collectors in polished stainless steel ø 30 mm.
- Curved horizontal elements in polished stainless steel ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

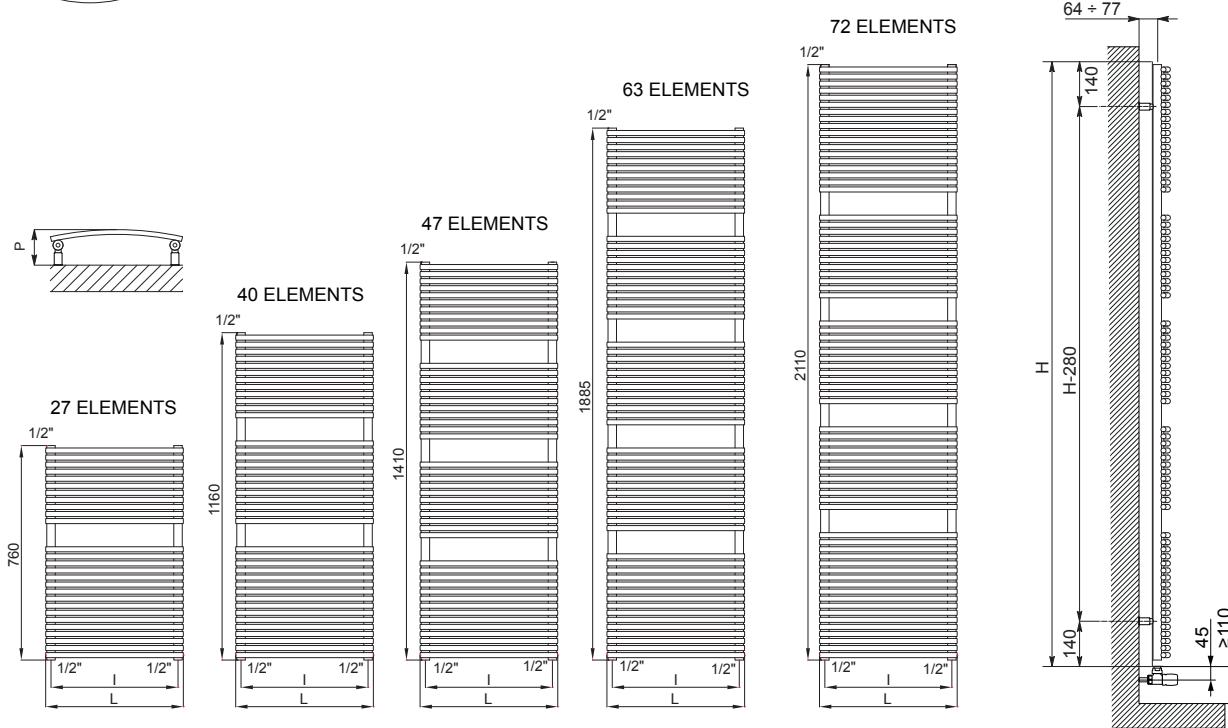
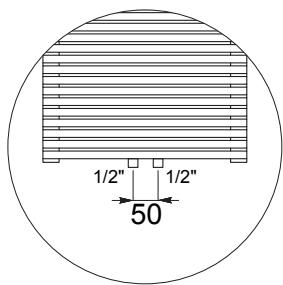
P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



ACCESSORIES

	Kristal valve square with thermostatic option-chromed Copper conn. Ø 12/14/15 Art. nr. 5991990311165 Multilayer conn. Ø 16 Art. nr. 5991990311166		Kristal corner valve with thermostatic option-chromed Copper conn. Ø 12/14/15 Art. nr. 5991990301148 Multilayer conn. Ø 16 Art. nr. 5991990301147		Kit 2 hooks-polished stainless steel Art. nr. 5991990010216
	Quotes for square Kristal valves with thermostatic option		Quotes for corner Kristal valves with thermostatic option		Accessories and spare parts - see from page 508



NANCY POLISHED STAINLESS STEEL

Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.
760	387	350	3551440132050
	488	450	3551440132054
1160	387	350	3551440132051
	488	450	3551440132055
1410	589	550	3551440132059
	387	350	3551440132052
1885	488	450	3551440132056
	589	550	3551440132060
2110	387	350	3551440132053
	488	450	3551440132057
	589	550	3551440132061
	488	450	3551440132058
	589	550	3551440132062
	793	750	3551440132063

Pipe Centres 50 mm	Art. nr.	Thermal output [Watt]						Dual energy kit [Watt]
		P [mm]	Dry Weight [Kg]	Surface [m ²]	Water con- tent [lt]	Δt=50°C	Δt=30°C	
	3551440132064	106 - 116	8,1	0,8	3,6	301	157	1,2729
	3551440132068	111 - 121	9,6	1,0	4,2	396	211	1,2354
	3551440132065	106 - 116	11,2	1,1	5,0	408	213	1,2726
	3551440132069	111 - 121	13,1	1,3	5,7	527	280	1,2386
	3551440132073	118 - 128	15,1	1,6	6,5	646	347	1,2175
	3551440132066	106 - 116	14,2	1,4	6,4	514	268	1,2724
	3551440132070	111 - 121	16,6	1,7	7,3	658	349	1,2419
	3551440132074	118 - 128	19,1	2,0	8,3	801	429	1,2227
	3551440132067	106 - 116	17,1	1,7	7,8	621	324	1,2722
	3551440132071	111 - 121	20,2	2,1	8,9	789	418	1,2451
	3551440132075	118 - 128	23,1	2,4	10,0	958	512	1,2280
	3551440132072	111 - 121	23,7	2,4	10,5	922	487	1,2483
	3551440132076	118 - 128	27,1	2,8	11,8	1116	594	1,2332
	3551440132077	136 - 146	34,1	3,5	14,4	1505	809	1,2150
								1200

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt /50)ⁿ



NANCY SATIN STAINLESS STEEL



**WARRANTY
10 YEARS**

MATERIAL:

- Vertical collectors in satin stainless steel ø 30 mm.
- Curved horizontal elements in satin stainless steel ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES:

See page 508

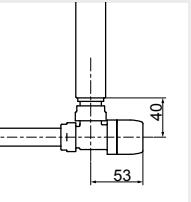
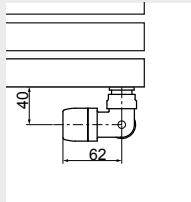
Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

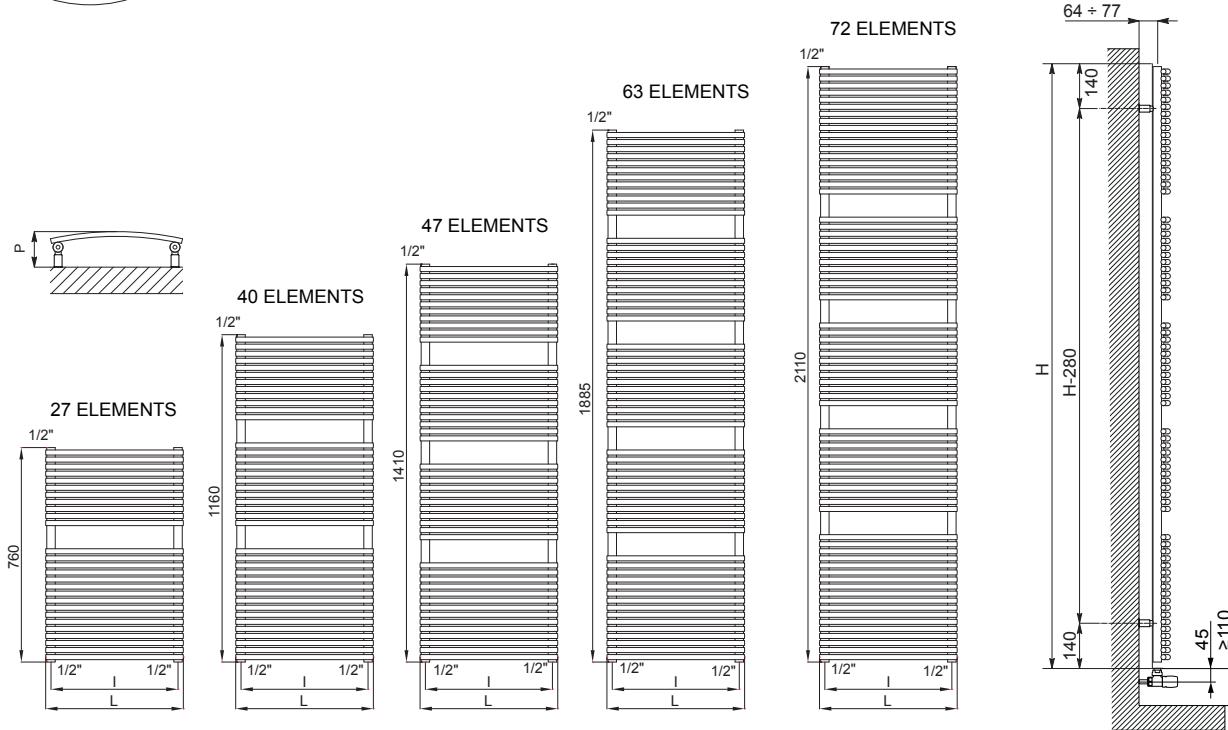
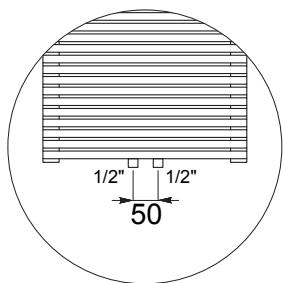
P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



ACCESSORIES

 Kristal valve square with thermostatic option-satin Copper conn. Ø 12/14/15 Art. nr. 5991990321145 Multilayer conn. Ø 16 Art. nr. 5991990321144	 Kristal corner valve with thermostatic option-satin Copper conn. Ø 12/14/15 Art. nr. 5991990321134 Multilayer conn. Ø 16 Art. nr. 5991990321133	 Kit 2 hooks-satin stainless steel Art. nr. 5991990010217
 Quotes for square Kristal valves with thermostatic option	 Quotes for corner Kristal valves with thermostatic option	Accessories and spare parts - see from page 508



Quotes for Kristal valves

NANCY SATIN STAINLESS STEEL

Height [mm]	WIDTH L [mm]	Pipe Centres I [mm]	Art. nr.
760	387	350	3551440132550
	488	450	3551440132554
1160	387	350	3551440132551
	488	450	3551440132555
1410	589	550	3551440132559
	387	350	3551440132552
1885	488	450	3551440132556
	589	550	3551440132560
2110	387	350	3551440132553
	488	450	3551440132557
	589	550	3551440132561
	488	450	3551440132558
	589	550	3551440132562
	793	750	3551440132563

Pipe Centres 50 mm	Thermal output [Watt]							Dual energy kit [Watt]
	Art. nr.	P [mm]	Dry Weight [Kg]	Surface [m²]	Water con- tent [lt]	Δt=50°C	Δt=30°C	
3551440132564	106 - 116	8,1	0,8	3,6	307	161	1,2644	300
3551440132568	111 - 121	9,6	1,0	4,2	405	216	1,2262	500
3551440132565	106 - 116	11,2	1,1	5,0	418	219	1,2673	500
3551440132569	111 - 121	13,1	1,3	5,7	540	287	1,2342	600
3551440132573	118 - 128	15,1	1,6	6,5	662	356	1,2138	700
3551440132566	106 - 116	14,2	1,4	6,4	531	278	1,2702	600
3551440132570	111 - 121	16,6	1,7	7,3	677	359	1,2423	700
3551440132574	118 - 128	19,1	2,0	8,3	824	441	1,2248	900
3551440132567	106 - 116	17,1	1,7	7,8	646	337	1,2731	700
3551440132571	111 - 121	20,2	2,1	8,9	819	432	1,2530	900
3551440132575	118 - 128	23,1	2,4	10,0	992	528	1,2359	1200
3551440132572	111 - 121	23,7	2,4	10,5	966	508	1,2583	1200
3551440132576	118 - 128	27,1	2,8	11,8	1168	618	1,2470	1200
3551440132577	136 - 146	34,1	3,5	14,4	1574	838	1,2333	1200

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt /50)ⁿ



SANDY POLISHED STAINLESS STEEL



page 124

WARRANTY
10 YEARS

MATERIAL:

- Vertical collectors in polished stainless steel da ø 38 mm.
- Horizontal elements in polished stainless steel ø 25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES:

See page 508

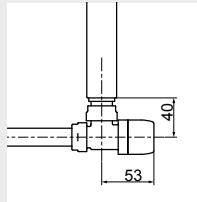
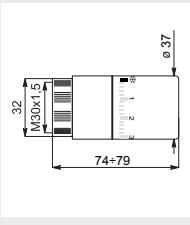
Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Electric (see page 350)	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	---	--

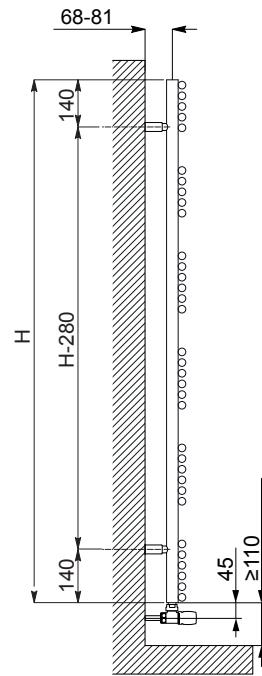
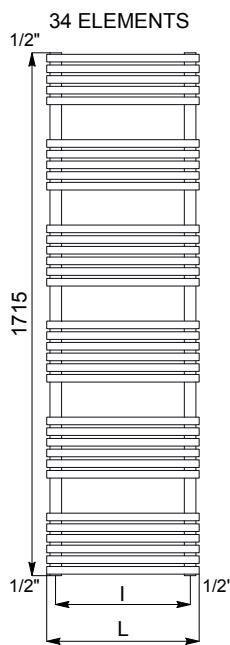
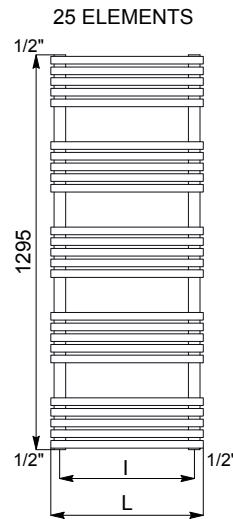
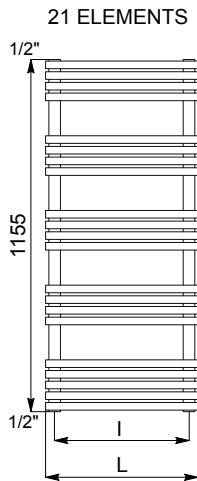
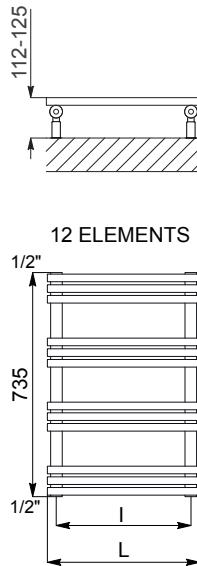
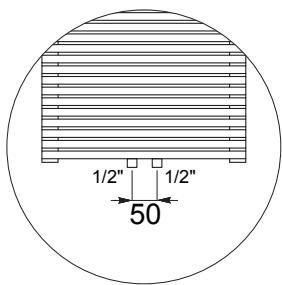
P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



ACCESSORIES

 Kristal valve square with thermostatic option-chromed Copper conn. Ø 12/14/15 Art. nr. 5991990311165 Multilayer conn. Ø 16 Art. nr. 5991990311166	 Chromed thermostatic head (Kit 2 pieces) Art. nr. 5035270710015	 Kit 2 hooks-polished stainless steel Art. nr. 5991990010215
 Quotes for square Kristal valves with thermostatic option 53 40	 Thermostatic head quotes 74-79 M30x1.5 32 0.37	Accessories and spare parts - see from page 508



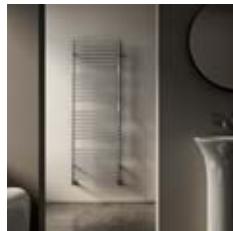
Quotes for Kristal valves

SANDY POLISHED STAINLESS STEEL

	Height [mm]	WIDTH L [mm]	Pipe Centres I [mm]	Art. nr.
735	400	342	3551440130250	
	500	442	3551440130254	
	400	342	3551440130251	
1155	500	442	3551440130255	
	600	542	3551440130258	
	800	742	3551440130261	
1295	400	342	3551440130252	
	500	442	3551440130256	
	600	542	3551440130259	
1715	800	742	3551440130262	
	400	342	3551440130253	
	500	442	3551440130257	
	600	542	3551440130260	
	800	742	3551440130263	

Pipe Centres 50 mm	Thermal output [Watt]					Dual energy kit [Watt]
	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	
3551440130270	5,8	0,55	3,3	217	117	1,2120
3551440130274	6,7	0,64	3,8	256	139	1,2020
3551440130271	9,7	0,93	5,6	340	181	1,2357
3551440130275	11,2	1,10	6,4	408	219	1,2166
3551440130278	12,7	1,26	7,3	476	257	1,2030
3551440130281	15,6	1,59	9,0	612	334	1,1850
3551440130272	11,3	1,09	6,5	396	210	1,2462
3551440130276	13,1	1,29	7,5	475	254	1,2231
3551440130279	14,9	1,49	8,5	555	300	1,2066
3551440130282	18,4	1,88	10,5	715	390	1,1849
3551440130273	15,2	1,47	8,7	528	276	1,2699
3551440130277	17,7	1,75	10,1	630	335	1,2377
3551440130280	20,1	2,01	11,5	733	394	1,2148
3551440130283	24,8	2,54	14,2	939	513	1,1845

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt /50)ⁿ



LEILA

POLISHED STAINLESS STEEL



page 128

**WARRANTY
10 YEARS**

MATERIAL:

- Vertical collectors in polished stainless steel ø 30 mm.
- Horizontal elements in polished stainless steel ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

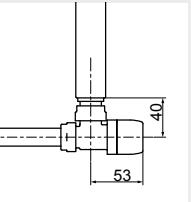
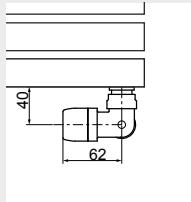
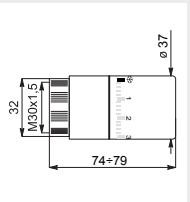
ACCESSORIES:

See page 508

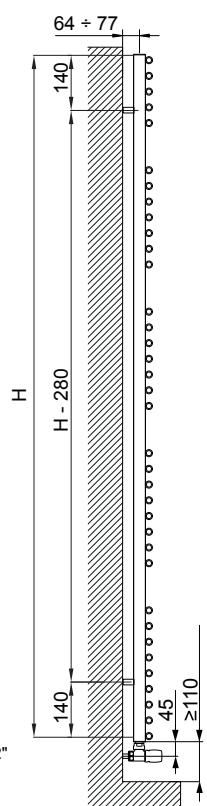
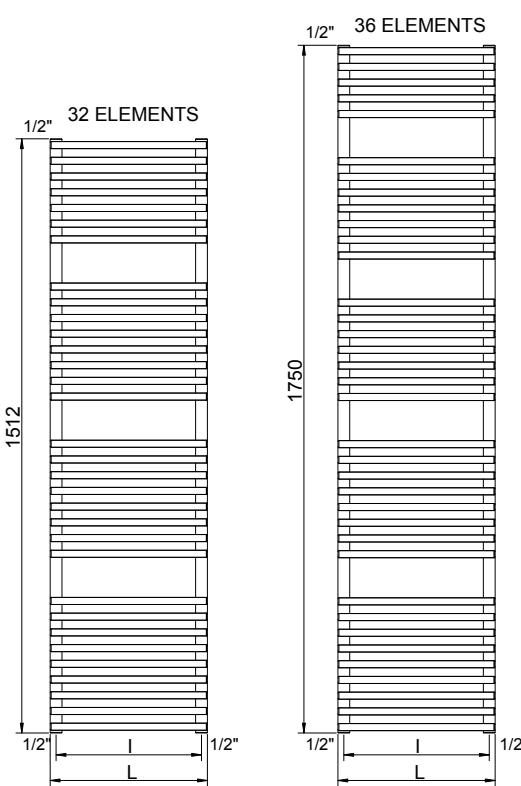
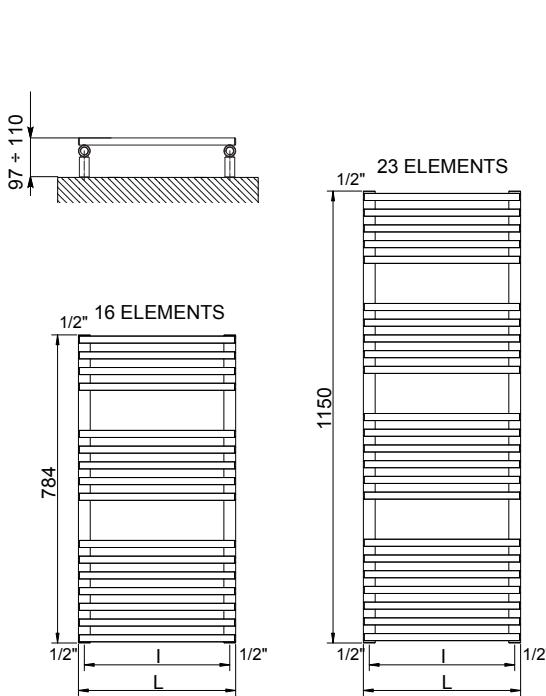
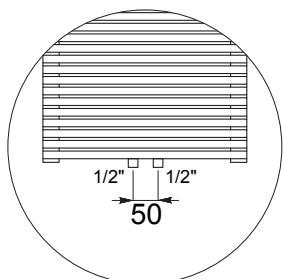
Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Electric (see page 352)	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS**ACCESSORIES**

 Kristal valve square with thermostatic option-chromed Copper conn. Ø 12/14/15 Art. nr. 5991990311165 Multilayer conn. Ø 16 Art. nr. 5991990311166	 Kristal corner valve with thermostatic option-chromed Copper conn. Ø 12/14/15 Art. nr. 5991990301148 Multilayer conn. Ø 16 Art. nr. 5991990301147	 Chromed thermostatic head (Kit 2 pieces) Art. nr. 5035270710015
 Quotes for square Kristal valves with thermostatic option	 Quotes for corner Kristal valves with thermostatic option	 Thermostatic head quotes

Accessories and spare parts - see from page 508



Quotes for Kristal valves

LEILA POLISHED STAINLESS STEEL

Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.
784	400	370	3551560400001
	450	420	3551560400002
	500	470	3551560400003
	600	570	3551560400005
	400	370	3551560400006
	450	420	3551560400007
1150	500	470	3551560400008
	600	570	3551560400010
	800	770	3551560400021
	400	370	3551560400011
	450	420	3551560400012
	500	470	3551560400013
1512	600	570	3551560400015
	800	770	3551560400022
	400	370	3551560400016
	450	420	3551560400017
	500	470	3551560400018
	600	570	3551560400020
1750	800	770	3551560400023

Pipe Centres 50 mm	Thermal output [Watt]					Dual energy kit
	Dry Weight [Kg]	Surface [m ²]	Water con- tent [lt]	Δt=50°C	Δt=30°C	
3551560400051	5,7	0,50	2,0	217	118	1,2007
3551560400052	6,2	0,55	2,2	237	129	1,1963
3551560400053	6,6	0,60	2,3	258	140	1,1919
3551560400055	7,6	0,69	2,6	299	163	1,1831
3551560400056	8,2	0,73	3,0	313	167	1,2306
3551560400057	8,9	0,82	3,1	342	182	1,2324
3551560400058	9,6	0,87	3,3	370	197	1,2342
3551560400060	11,0	0,99	3,7	428	227	1,2378
3551560400071	13,3	1,27	4,5	544	288	1,2426
3551560400061	11,2	1,00	4,0	416	220	1,2434
3551560400062	12,1	1,10	4,3	455	242	1,2393
3551560400063	13,1	1,19	4,6	493	262	1,2352
3551560400065	15,1	1,37	5,1	570	305	1,2270
3551560400072	18,3	1,73	6,2	724	389	1,2159
3551560400066	12,7	1,14	4,6	490	259	1,2518
3551560400067	13,8	1,25	4,9	536	284	1,2438
3551560400068	14,9	1,34	5,2	581	307	1,2459
3551560400070	17,1	1,55	5,9	673	361	1,2199
3551560400073	20,7	1,95	7,1	857	468	1,1852

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



STEFANIA

POLISHED STAINLESS STEEL



page 133

WARRANTY
10 YEARS

MATERIAL:

- Vertical collectors in polished stainless steel Ø 30 mm.
- Horizontal elements in polished stainless steel da 30 x10 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Electric (see page 354)	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	---	--

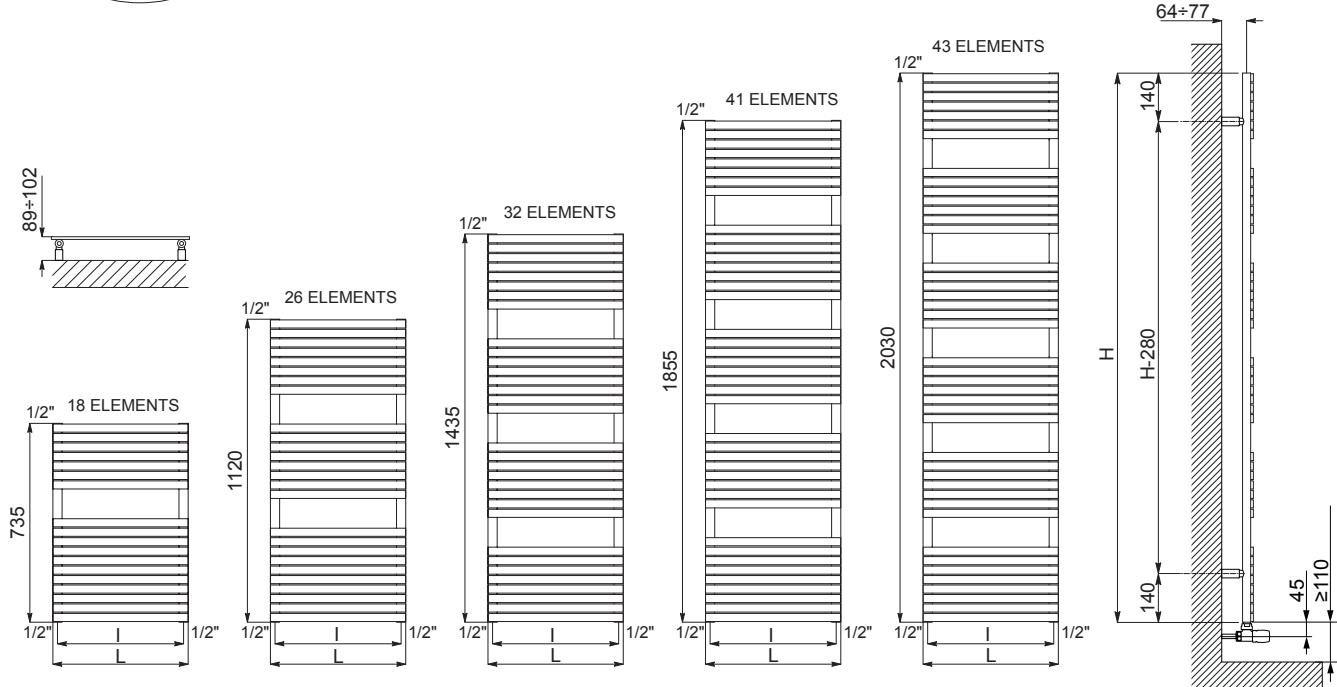
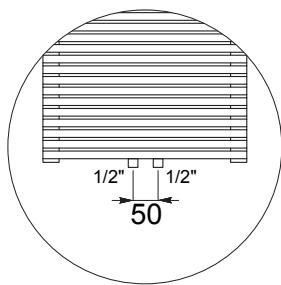
P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



ACCESSORIES

	Kristal valve square with thermostatic option-chromed Copper conn. Ø 12/14/15 Art. nr. 5991990311165 Multilayer conn. Ø 16 Art. nr. 5991990311166		Kristal corner valve with thermostatic option-chromed Copper conn. Ø 12/14/15 Art. nr. 5991990301148 Multilayer conn. Ø 16 Art. nr. 5991990301147		Kit 2 hooks-polished stainless steel Art. nr. 5991990010218
	Quotes for square Kristal valves with thermostatic option		Quotes for corner Kristal valves with thermostatic option		Accessories and spare parts - see from page 508



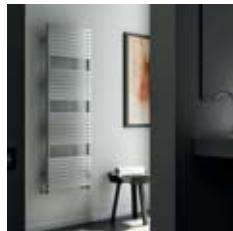
Quotes for Kristal valves

STEFANIA POLISHED STAINLESS STEEL

	Height [mm]	WIDTH L [mm]	Pipe Centres I [mm]	Art. nr.
735	400	370	3551610130100	
	500	470	3551610130104	
1120	400	370	3551610130101	
	500	470	3551610130105	
1435	600	570	3551610130109	
	400	370	3551610130102	
1855	500	470	3551610130106	
	600	570	3551610130110	
2030	400	370	3551610130103	
	500	470	3551610130107	
	600	570	3551610130111	
	500	470	3551610130108	
	600	570	3551610130112	
	800	770	3551610130113	

Pipe Centres 50 mm	Thermal output [Watt]					Dual energy kit
	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	
3551610130120	8,0	0,71	2,2	218	119	1,1913
3551610130124	9,5	0,85	2,5	362	197	1,1918
3551610130121	11,6	1,04	3,2	300	161	1,2244
3551610130125	13,8	1,25	3,7	365	196	1,2194
3551610130129	16,0	1,45	4,2	431	232	1,216
3551610130122	14,4	1,29	4,0	368	194	1,2492
3551610130126	17,1	1,55	4,6	450	239	1,2401
3551610130130	19,8	1,80	5,3	531	283	1,2338
3551610130123	18,4	1,66	5,2	484	251	1,2865
3551610130127	21,9	1,99	6,0	591	309	1,2712
3551610130131	25,4	2,32	6,8	697	366	1,2606
3551610130128	23,2	2,10	6,4	625	325	1,2781
3551610130132	26,8	2,44	7,2	737	386	1,2665
3551610130133	34,2	3,13	8,8	962	508	1,2515

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt /50)ⁿ



STEFANIA

SATIN STAINLESS STEEL



page 134

**WARRANTY
10 YEARS**

MATERIAL:

- Vertical collectors in satin stainless steel Ø 30 mm.
- Horizontal elements in satin stainless steel da 30 x10 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Dual energy (see page 524)
--------------	---	--

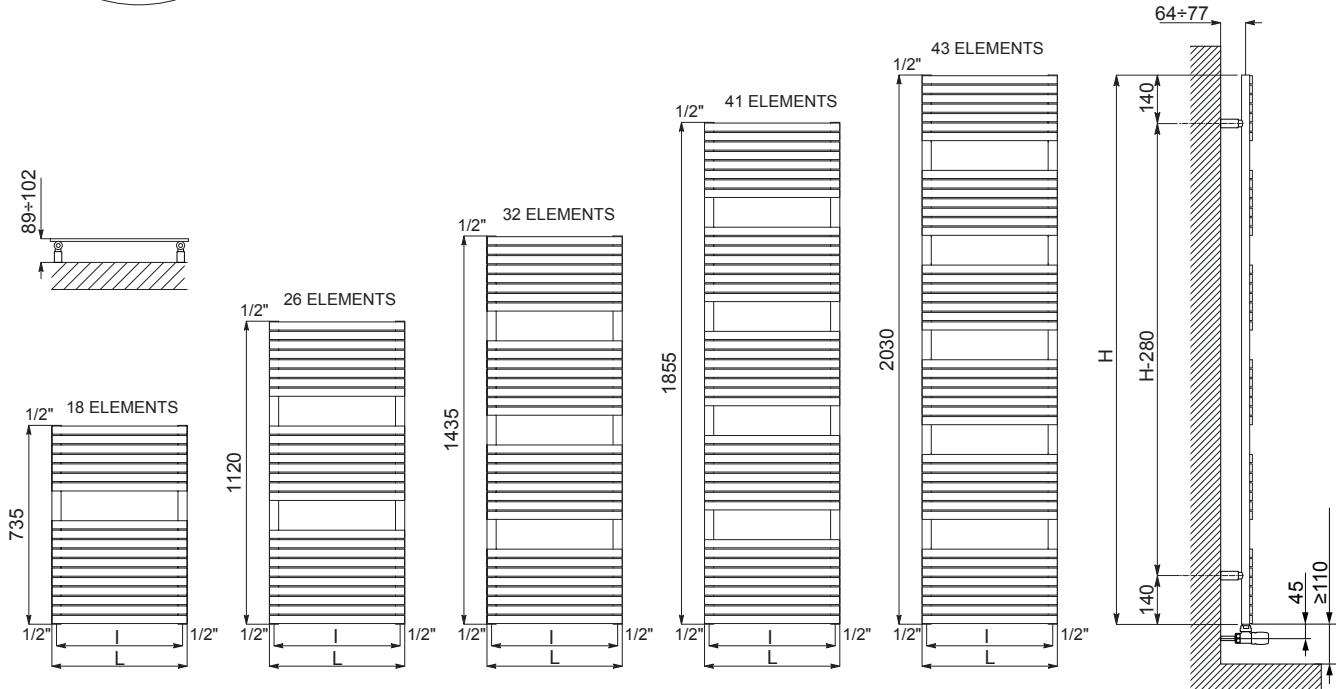
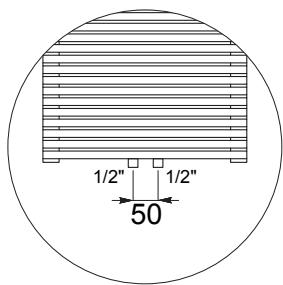
P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

CERTIFICATIONS



ACCESSORIES

	Kristal valve square with thermostatic option-satin Copper conn. Ø 12/14/15 Art. nr. 5991990321145 Multilayer conn. Ø 16 Art. nr. 5991990321144		Kristal corner valve with thermostatic option-satin Copper conn. Ø 12/14/15 Art. nr. 5991990321134 Multilayer conn. Ø 16 Art. nr. 5991990321133		Kit 2 hooks-satin stainless steel Art. nr. 5991990010219
	Quotes for square Kristal valves with thermostatic option		Quotes for corner Kristal valves with thermostatic option		Accessories and spare parts - see from page 508



Quotes for Kristal valves

STEFANIA SATIN STAINLESS STEEL

	Height [mm]	WIDTH L [mm]	Pipe Centres I [mm]	Art. nr.
735	400	370	3551610130200	
	500	470	3551610130204	
1120	400	370	3551610130201	
	500	470	3551610130205	
1435	600	570	3551610130209	
	400	370	3551610130202	
1855	500	470	3551610130206	
	600	570	3551610130210	
2030	400	370	3551610130203	
	500	470	3551610130207	
	600	570	3551610130211	
	500	470	3551610130208	
	600	570	3551610130212	
	800	770	3551610130213	

Pipe Centres 50 mm	Thermal output [Watt]						Dual energy kit
	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	
3551610130220	8,0	0,71	2,2	228	123	1,2072	300
3551610130224	9,5	0,85	2,5	283	152	1,2128	400
3551610130221	11,6	1,04	3,2	325	174	1,2285	400
3551610130225	13,8	1,25	3,7	399	213	1,2283	500
3551610130229	16,0	1,45	4,2	474	253	1,2281	600
3551610130222	14,4	1,29	4,0	402	213	1,2444	500
3551610130226	17,1	1,55	4,6	491	261	1,2398	600
3551610130230	19,8	1,80	5,3	579	308	1,2366	700
3551610130223	18,4	1,66	5,2	529	277	1,2683	700
3551610130227	21,9	1,99	6,0	636	335	1,2572	700
3551610130231	25,4	2,32	6,8	744	393	1,2493	900
3551610130228	23,2	2,10	6,4	670	352	1,2611	900
3551610130232	26,8	2,44	7,2	782	413	1,2521	900
3551610130233	34,2	3,13	8,8	1005	533	1,2401	1200

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)^n



ALESSANDRA

POLISHED/SATIN STAINLESS STEEL



page 136

**WARRANTY
10 YEARS**

MATERIAL:

- Vertical collectors in polished or satin stainless steel Ø 30 mm.
- Horizontal elements in polished or satin stainless steel da 30 x 10 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES:

See page 508

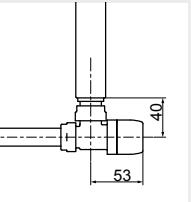
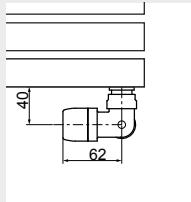
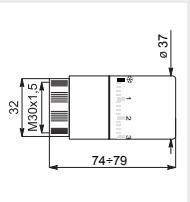
Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Electric (see page 356)	
--------------	---	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

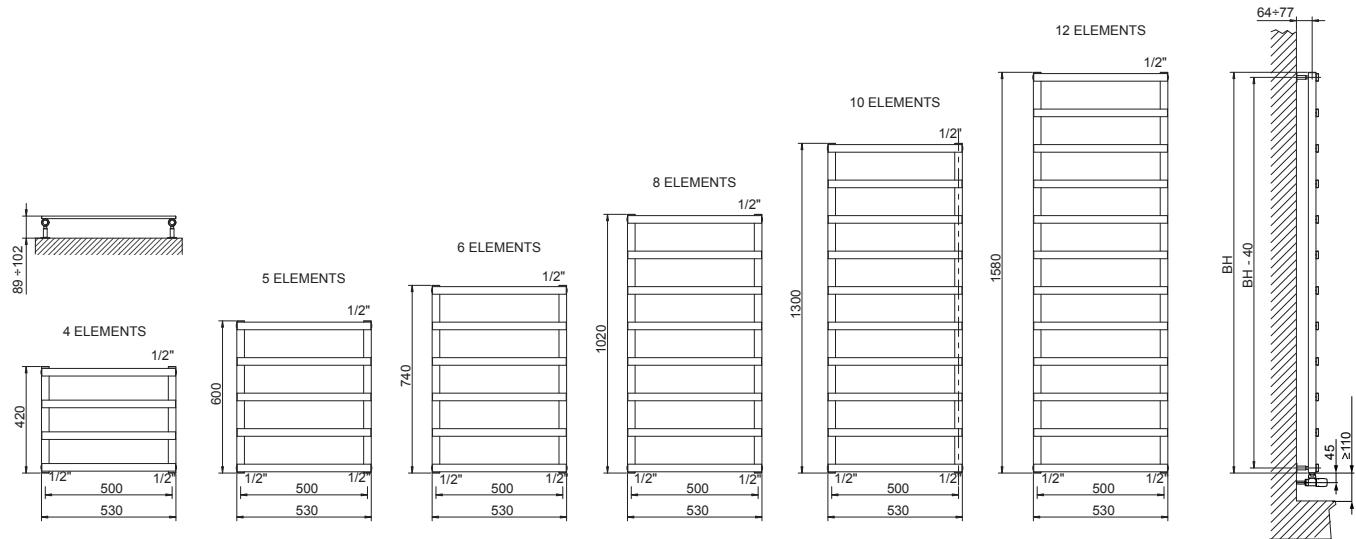
CERTIFICATIONS



ACCESSORIES

 Kristal valve square with thermostatic option-chromed Copper conn. Ø 12/14/15 Art. nr. 5991990311165 Multilayer conn. Ø 16 Art. nr. 5991990311166	 Kristal corner valve with thermostatic option-chromed Copper conn. Ø 12/14/15 Art. nr. 5991990301148 Multilayer conn. Ø 16 Art. nr. 5991990301147	 Chromed thermostatic head (Kit 2 pieces) Art. nr. 5035270710015
 Quotes for square Kristal valves with thermostatic option	 Quotes for corner Kristal valves with thermostatic option	 Thermostatic head quotes

Accessories and spare parts - see from page 508



Quotes for Kristal valves

ALESSANDRA POLISHED STAINLESS STEEL

Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Thermal output [Watt]				
				Dry Weight [Kg]	Surface [m ²]	Water content [lt]	Δt=50°C	Δt=30°C
420	530	500	3551680400001	2,49	0,25	0,92	111	61
600	530	500	3551680400002	3,25	0,32	1,24	146	79
740	530	500	3551680400003	4,01	0,39	1,51	172	91
1020	530	500	3551680400004	4,77	0,53	2,05	223	116
1300	530	500	3551680400005	5,52	0,66	2,59	276	143
1580	530	500	3551680400006	6,27	0,81	3,13	331	171

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ

NEW

ALESSANDRA SATIN STAINLESS STEEL

Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Thermal output [Watt]				
				Dry Weight [Kg]	Surface [m ²]	Water content [lt]	Δt=50°C	Δt=30°C
420	530	500	3551680450001	2,49	0,25	0,92	125	70
600	530	500	3551680450002	3,25	0,32	1,24	164	92
740	530	500	3551680450003	4,01	0,39	1,51	193	108
1020	530	500	3551680450004	4,77	0,53	2,05	251	139
1300	530	500	3551680450005	5,52	0,66	2,59	310	170
1580	530	500	3551680450006	6,27	0,81	3,13	372	201

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



LAURA

POLISHED STAINLESS STEEL



page 140

**WARRANTY
10 YEARS**

MATERIAL:

- Vertical collectors in polished stainless steel ø 30 mm.
- Horizontal elements in polished stainless steel ø 25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.
The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES:

See page 508

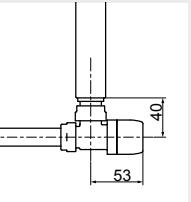
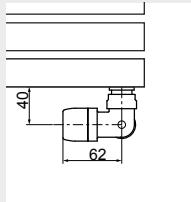
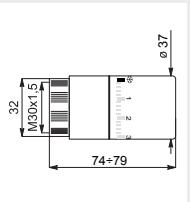
Functioning:	<input checked="" type="checkbox"/> Hot water	<input checked="" type="checkbox"/> Electric (see page 358)	
--------------	---	---	--

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

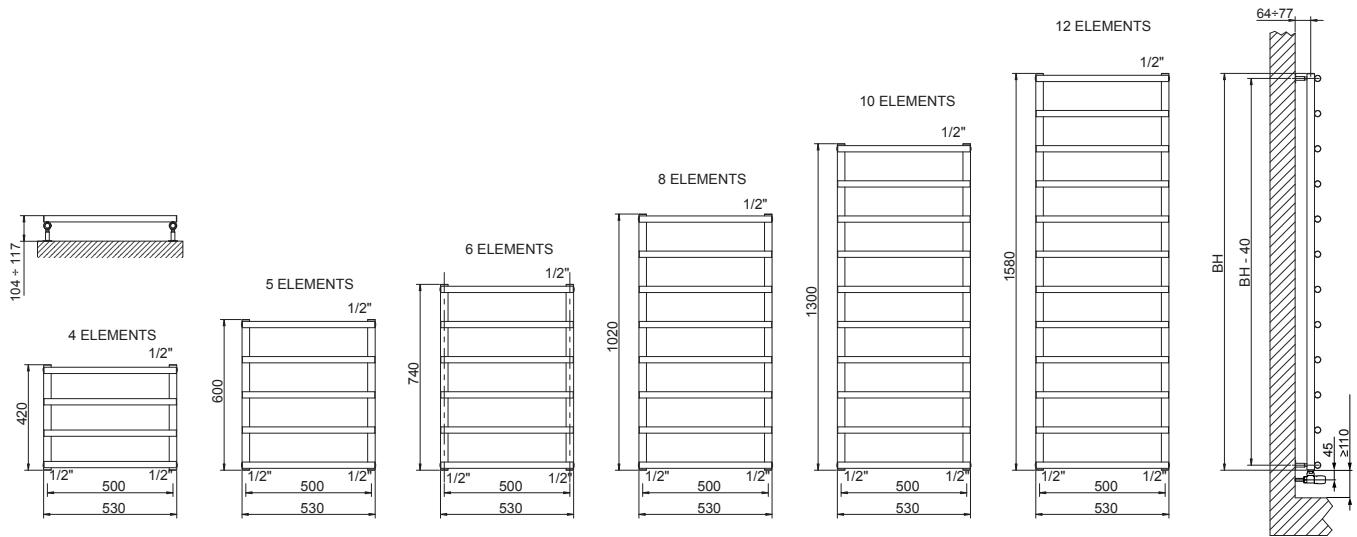
CERTIFICATIONS



ACCESSORIES

 Kristal valve square with thermostatic option-chromed Copper conn. Ø 12/14/15 Art. nr. 5991990311165 Multilayer conn. Ø 16 Art. nr. 5991990311166	 Kristal corner valve with thermostatic option-chromed Copper conn. Ø 12/14/15 Art. nr. 5991990301148 Multilayer conn. Ø 16 Art. nr. 5991990301147	 Chromed thermostatic head (Kit 2 pieces) Art. nr. 5035270710015
 Quotes for square Kristal valves with thermostatic option	 Quotes for corner Kristal valves with thermostatic option	 Thermostatic head quotes

Accessories and spare parts - see from page 508



Quotes for Kristal valves

LAURA POLISHED STAINLESS STEEL

Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	Art. nr.	Thermal output [Watt]				
				Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C
420	530	500	3551570400001	2,57	0,25	1,32	94	51
600	530	500	3551570400002	3,36	0,32	1,74	117	63
740	530	500	3551570400003	4,03	0,39	2,11	141	74
1020	530	500	3551570400004	5,41	0,53	2,86	188	98
1300	530	500	3551570400005	6,80	0,66	3,60	235	122
1580	530	500	3551570400006	8,18	0,80	4,34	282	145

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)ⁿ



GIADA POLISHED STAINLESS STEEL VERTICAL



EN 442-1
EURO NORM
RADIATORS AND CONVECTORS

CERTIFIQUE D'ÉGALISATION MANDATOIRE
NF
Radiators, convectors and ceiling-mounted radiant panels, hot water heating, fan assisted and mixed



page 144

**WARRANTY
10 YEARS**

MATERIAL:

- Horizontal collectors in polished stainless steel, Ø 38 mm.
- Vertical elements in polished stainless steel Ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES

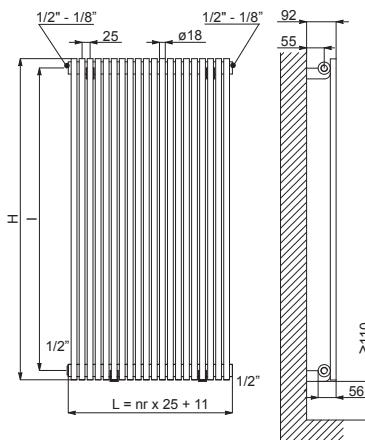
See page 508

P. Max: 8 bar	Functioning: hot water	T. Max: 110°C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas
---------------	------------------------	---------------	--

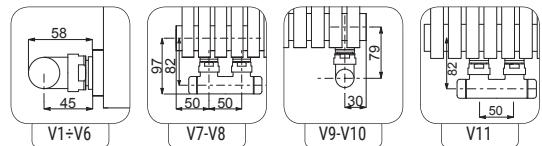
Height H [mm]	400	500	600	800	1000	1200	1400	1500	1600
Therm. output per el. Δt = 50 °C [Watt]	10,6	13,2	16	21,3	26,6	31,6	36,6	39,2	41,3
Dry Weight per section [kg]	0,277	0,327	0,377	0,477	0,576	0,676	0,775	0,826	0,875
Element Water content [lt]	0,147	0,167	0,186	0,225	0,263	0,301	0,339	0,357	0,377
Element surface [m²]	0,029	0,035	0,04	0,051	0,063	0,074	0,085	0,089	0,096
Exp. n	1,3347	1,3330	1,329	1,324	1,318	1,312	1,307	1,30342	1,301
Pipe Centres l [mm] (V3-V4 only)	342	442	542	742	942	1142	1342	1442	1542

For output at different Δ than 50°C, please refer to the following formula:
desired output = output at Δt 50°C x (desired Δt/50)^n

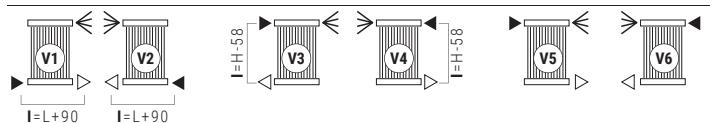
Height H [mm]	1700	1800	1900	2000	2200	2300	2500
Therm. output per el. Δt = 50 °C [Watt]	44,4	45,9	48,4	50,3	54,2	56,6	60,6
Dry Weight per section [kg]	0,924	0,974	1,024	1,074	1,173	1,223	1,322
Element Water content [lt]	0,397	0,416	0,435	0,454	0,492	0,511	0,549
Element surface [m²]	0,103	0,108	0,113	0,119	0,13	0,136	0,147
Exp. n	1,29774	1,295	1,291	1,289	1,284	1,280	1,2750
Pipe Centres l [mm] (V3-V4 only)	1642	1742	1842	1942	2142	2242	2442



Quotes for Kristal valves

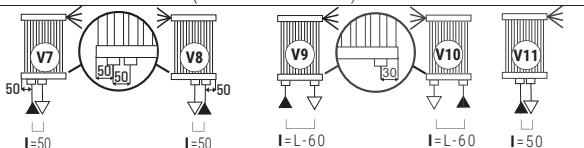


STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda= ► In □ Out ← Airvent H Height I Pipe Centres L WIDTH

SPECIAL CONNECTIONS (WITH SURCHARGE)



Always specify the kind of connection needed when ordering.

Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR GIADA POLISHED STAINLESS STEEL VERTICAL

ARTICLE NR. STRUCTURE						EXAMPLE					
Radiator model	Elements nr.	Height in cm	Article code of the connection	Art. nr. finishing	Constant value	Radiator model	Numero elements	Height in cm	Article code of the connection	Art. nr. finishing	Constant value
AAAA	BB	CCC	DDD	EEE	A	GI18	24	140	V08	X01	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

GI18 GIADA VERTICAL

24 24 elements (see the table shown on the side)

140 Height 1400 mm (see the table shown on the side)

V08 connection V8

X01 finishing: polished stainless steel

A (Constant value)

The article code will be:

GI18 24 140 V08 X01 A

ACCESSORIES

	Kristal valve square with thermostatic option-chromed Copper conn. Ø 12/14/15 Art. nr. 5991990311165 Multilayer conn. Ø 16 Art. nr. 5991990311166		Kit 2 hooks-polished stainless steel Art. nr. 5991990010216		Chromed thermostatic head (Kit 2 pieces) Art. nr. 5035270710015
--	---	--	--	--	---

GIADA POLISHED STAINLESS STEEL VERTICAL

INOX RANGE

All intermediate sizes are available for widths from 5 to 44 elements and heights from 400 to 2500 mm

Height H [mm]	400	500	600	800	1000	1200	1400	1500	1600
WIDTH L [mm]	N° El.	Watt Δt=50°C							
136	5	53	66	80	107	133	158	183	196
161	6	64	79	96	128	160	190	220	235
186	7	74	92	112	149	186	221	256	274
211	8	85	106	128	170	213	253	293	314
236	9	95	119	144	192	239	284	329	353
261	10	106	132	160	213	266	316	366	392
286	11	117	145	176	234	293	348	403	431
311	12	127	158	192	256	319	379	439	470
336	13	138	172	208	277	346	411	476	510
361	14	148	185	224	298	372	442	512	549
386	15	159	198	240	320	399	474	549	588
411	16	170	211	256	341	426	506	586	627
436	17	180	224	272	362	452	537	622	666
461	18	191	238	288	383	479	569	659	706
486	19	201	251	304	405	505	600	695	745
511	20	212	264	320	426	532	632	732	784
536	21	223	277	336	447	559	664	769	823
561	22	233	290	352	469	585	695	805	862
586	23	244	304	368	490	612	727	842	902
611	24	254	317	384	511	638	758	878	941
636	25	265	330	400	533	665	790	915	980
661	26	276	343	416	554	692	822	952	1019
686	27	286	356	432	575	718	853	988	1058
711	28	297	370	448	596	745	885	1025	1098
736	29	307	383	464	618	771	916	1061	1137
761	30	318	396	480	639	798	948	1098	1176
786	31	329	409	496	660	825	980	1135	1215
811	32	339	422	512	682	851	1011	1171	1254
836	33	350	436	528	703	878	1043	1208	1294
861	34	360	449	544	724	904	1074	1244	1333
886	35	371	462	560	746	931	1106	1281	1372
911	36	382	475	576	767	958	1138	1318	1411
936	37	392	488	592	788	984	1169	1354	1450
961	38	403	502	608	809	1011	1201	1391	1490
986	39	413	515	624	831	1037	1232	1427	1529
1011	40	424	528	640	852	1064	1264	1464	1568
1061	42	445	554	672	895	1117	1327	1537	1646
1111	44	466	581	704	937	1170	1390	1610	1725

ARDÈSIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

ACCESSORIES
AND TECHNICAL
SUPPORT

MY WAY®
SYSTEM

Height H [mm]	1700	1800	1900	2000	2200	2300	2500
WIDTH L [mm]	N° El.	Watt Δt=50°C					
136	5	222	230	242	252	271	283
161	6	266	275	290	302	325	340
186	7	311	321	339	352	379	396
211	8	355	367	387	402	434	453
236	9	400	413	436	453	488	509
261	10	444	459	484	503	542	566
286	11	488	505	532	553	596	623
311	12	533	551	581	604	650	679
336	13	577	597	629	654	705	736
361	14	622	643	678	704	759	792
386	15	666	689	726	755	813	849
411	16	710	734	774	805	867	906
436	17	755	780	823	855	921	962
461	18	799	826	871	905	976	1019
486	19	844	872	920	956	1030	1075
511	20	888	918	968	1006	1084	1132
536	21	932	964	1016	1056	1138	1189
561	22	977	1010	1065	1107	1192	1245
586	23	1021	1056	1113	1157	1247	1302
611	24	1066	1102	1162	1207	1301	1358
636	25	1110	1148	1210	1258	1355	1415
661	26	1154	1193	1258	1308	1409	1472
686	27	1199	1239	1307	1358	1463	1528
711	28	1243	1285	1355	1408	1518	1585
736	29	1288	1331	1404	1459	1572	1641
761	30	1332	1377	1452	1509	1626	1698
786	31	1376	1423	1500	1559	1680	1755
811	32	1421	1469	1549	1610	1734	1811
836	33	1465	1515	1597	1660	1789	1868
861	34	1510	1561	1646	1710	1843	1924
886	35	1554	1607	1694	1761	1897	1981
911	36	1598	1652	1742	1811	1951	2038
936	37	1643	1698	1791	1861	2005	2094
961	38	1687	1744	1839	1911	2060	2151
986	39	1732	1790	1888	1962	2114	2207
1011	40	1776	1836	1936	2012	2168	2264
1061	42	1865	1928	2033	2113	2276	2377
1111	44	1954	2020	2130	2213	2385	2490



GIADA POLISHED STAINLESS STEEL HORIZONTAL



EN 442-1
EURONORM
RADIATORS AND CONVECTORS



page 146

**WARRANTY
10 YEARS**

MATERIAL:

- Vertical collectors in polished stainless steel, Ø 38 mm.
- Horizontal elements in polished stainless steel Ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES

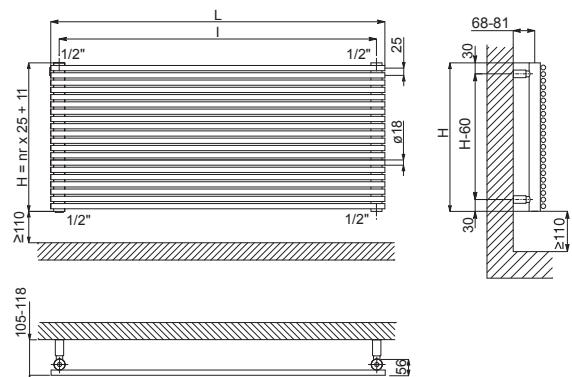
See page 508

P. Max: 8 bar	Functioning: hot water	T. Max: 110 °C	Connections: 2 x 1 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

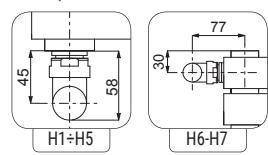
WIDTH L [mm]	400	500	600	800	1000	1200	1400	1500	1600
Dry Weight per section [kg]	0,277	0,327	0,377	0,477	0,576	0,676	0,775	0,826	0,875
Element Water content [lt]	0,147	0,167	0,186	0,225	0,263	0,301	0,339	0,357	0,377
Element surface [m ²]	0,029	0,035	0,04	0,051	0,063	0,074	0,085	0,089	0,096
Pipe Centres I [mm] (H1 only)	342	442	542	742	942	1142	1342	1442	1542

For output at different Δt than 50°C, please refer to the following formula:
desired output = output at Δt 50°C \times (desired Δt /50)ⁿ

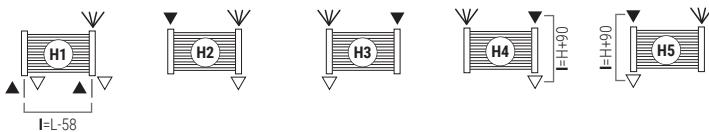
WIDTH L [mm]	1700	1800	1900	2000	2200	2300	2500
Dry Weight per section [kg]	0,924	0,974	1,024	1,074	1,173	1,223	1,322
Element Water content [lt]	0,397	0,416	0,435	0,454	0,492	0,511	0,549
Element surface [m ²]	0,103	0,108	0,113	0,119	0,13	0,136	0,147
Pipe Centres I [mm] (H1 only)	1642	1742	1842	1942	2142	2242	2442



Quotes for Kristal valves

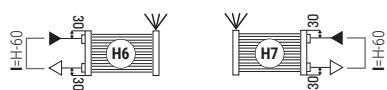


STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda= In Out Airvent H Height I Pipe Centres L WIDTH Sleeve

SPECIAL CONNECTIONS (WITH SURCHARGE)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR GIADA POLISHED STAINLESS STEEL HORIZONTAL

ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION							
Radiator model	Elements nr.	WIDTH in cm	Article code of the connection	Art. nr. finishing	Constant value	Radiator model	Numero elements	WIDTH in cm	Article code of the connection	Art. nr. finishing	Constant value	In case of a radiator:	GI18	24	080	H01	X01	A	GI18 GIADA HORIZONTAL
AAAA	BB	CCC	DDD	EEE	A	GI18	24	080	H01	X01	A	24 elements (see the table shown on the side)	24	24	080	H01	X01	A	GI18 24 080 H01 X01 A

ACCESSORI

	Kristal valve square with thermostatic option-chromed		Kristal valve corner with thermostatic option-chromed		Chromed thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311165	Multilayer conn. Ø 16 Art. nr. 5991990311166	Copper conn. Ø 12/14/15 Art. nr. 5991990301148	Multilayer conn. Ø 16 Art. nr. 5991990301147	(Kit 2 pieces)	Art. nr. 5035270710015

GIADA POLISHED STAINLESS STEEL HORIZONTAL

INOX RANGE

All intermediate sizes are available for widths from 5 to 44 elements and heights from 400 to 2500 mm

WIDTH L [mm]	400	500	600	800	1000	1200	1400	1500	1600	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C								
136	5	54	67	81	108	135	161	188	202	215
161	6	65	81	97	130	162	195	227	243	260
186	7	76	95	114	152	191	229	267	286	305
211	8	88	109	131	175	219	263	306	328	350
236	9	59	74	88	118	147	177	206	221	236
261	10	110	138	166	221	276	331	386	414	442
286	11	122	152	183	244	305	366	427	457	488
311	12	134	167	200	267	334	401	468	501	534
336	13	145	181	217	290	362	434	507	543	579
361	14	156	196	235	313	391	469	547	587	626
386	15	168	210	252	336	420	504	588	630	672
411	16	179	224	269	358	448	538	627	672	717
436	17	191	239	286	382	477	572	668	716	763
461	18	202	253	303	404	505	606	707	758	808
486	19	214	267	320	427	534	641	748	801	854
511	20	225	281	337	450	562	674	787	843	899
536	21	236	295	354	472	590	708	826	885	944
561	22	247	309	371	494	618	742	865	927	989
586	23	258	323	387	516	645	774	903	968	1032
611	24	269	337	404	538	673	808	942	1010	1077
636	25	280	350	420	560	700	840	980	1050	1120
661	26	291	364	437	582	728	874	1019	1092	1165
686	27	302	378	453	604	755	906	1057	1133	1208
711	28	313	391	469	626	782	938	1095	1173	1251
736	29	323	404	485	646	808	970	1131	1212	1293
761	30	334	418	501	668	835	1002	1169	1253	1336
786	31	344	431	517	689	861	1033	1205	1292	1378
811	32	355	444	532	710	887	1064	1242	1331	1419
836	33	365	457	548	730	913	1096	1278	1370	1461
861	34	375	469	563	750	938	1126	1313	1407	1501
886	35	386	482	578	771	964	1157	1350	1446	1542
911	36	395	494	593	791	989	1186	1384	1483	1582
936	37	405	507	608	811	1014	1216	1419	1520	1622
961	38	415	519	623	831	1038	1246	1454	1557	1661
986	39	425	531	638	850	1063	1275	1488	1594	1700
1011	40	435	544	652	870	1087	1304	1522	1631	1739
1061	42	454	567	681	908	1135	1362	1589	1702	1816
1111	44	473	591	709	945	1182	1418	1654	1773	1891

ARDÈSIA®
TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER
INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT
MY WAY®
SYSTEM

ACCESSORIES
AND TECHNICAL
SUPPORT

WIDTH L [mm]	1700	1800	1900	2000	2200	2300	2500	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C						
136	5	229	242	256	269	296	309	336
161	6	276	292	308	325	357	373	406
186	7	324	343	362	381	419	438	476
211	8	372	394	416	438	481	503	547
236	9	251	265	280	295	324	339	369
261	10	469	497	524	552	607	635	690
286	11	518	549	579	610	671	701	762
311	12	568	601	635	668	735	768	835
336	13	615	652	688	724	796	833	905
361	14	665	704	743	782	860	899	978
386	15	714	756	798	840	924	966	1050
411	16	762	806	851	896	986	1030	1120
436	17	811	859	906	954	1049	1097	1193
461	18	859	909	960	1010	1111	1162	1263
486	19	908	961	1015	1068	1175	1228	1335
511	20	955	1012	1068	1124	1236	1293	1405
536	21	1003	1062	1121	1180	1298	1357	1475
561	22	1051	1112	1174	1236	1360	1421	1545
586	23	1097	1161	1226	1290	1419	1484	1613
611	24	1144	1211	1279	1346	1481	1548	1683
636	25	1190	1260	1330	1400	1540	1610	1750
661	26	1238	1310	1383	1456	1602	1674	1820
686	27	1284	1359	1435	1510	1661	1737	1888
711	28	1329	1408	1486	1564	1720	1799	1955
736	29	1374	1454	1535	1616	1778	1858	2020
761	30	1420	1503	1587	1670	1837	1921	2088
786	31	1464	1550	1636	1722	1894	1980	2153
811	32	1508	1597	1685	1774	1951	2040	2218
836	33	1552	1643	1735	1826	2009	2100	2283
861	34	1595	1688	1782	1876	2064	2157	2345
886	35	1639	1735	1832	1928	2121	2217	2410
911	36	1681	1779	1878	1977	2175	2274	2472
936	37	1723	1824	1926	2027	2230	2331	2534
961	38	1765	1869	1973	2077	2284	2388	2596
986	39	1807	1913	2019	2125	2338	2444	2657
1011	40	1848	1957	2065	2174	2391	2500	2718
1061	42	1929	2043	2156	2270	2497	2610	2837
1111	44	2009	2127	2245	2363	2600	2718	2954



GIADA SATIN STAINLESS STEEL VERTICAL



EN 442-1
EURO NORM
RADIATORS AND CONVECTORS



CERTIFIQUE D'ÉGALISATION MANDATOIRE
Radiators, convectors and ceiling-mounted radiant panels, hot water heating, fan assisted and mixed



page 148

**WARRANTY
10 YEARS**

MATERIAL:

- Horizontal collectors in satin stainless steel, Ø 38 mm.
- Vertical elements in satin stainless steel Ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

ACCESSORIES

See page 508

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

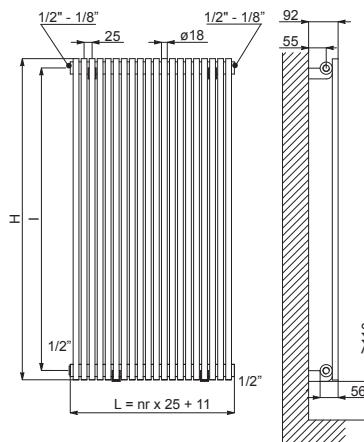
P. Max: 8 bar	Functioning: hot water	T. Max: 110°C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas
---------------	------------------------	---------------	--

Height H [mm]	400	500	600	800	1000	1200	1400	1500	1600
Therm. output per el. Δt = 50 °C [Watt]	11,5	14,0	16,4	21,2	25,9	30,5	35,1	37,4	39,7
Dry Weight per section [kg]	0,277	0,327	0,377	0,477	0,576	0,676	0,775	0,826	0,875
Element Water content [lt]	0,147	0,167	0,186	0,225	0,263	0,301	0,339	0,357	0,377
Element surface [m²]	0,029	0,035	0,04	0,051	0,063	0,074	0,085	0,089	0,096
Exp. n	1,2622	1,2695	1,2767	1,2912	1,3056	1,3201	1,3146	1,3119	1,3091
Pipe Centres l [mm] (V3-V4 only)	342	442	542	742	942	1142	1342	1442	1542

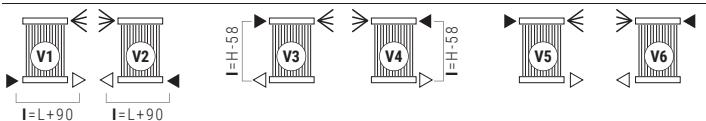
For output at different Δ than 50°C, please refer to the following formula:

$$\text{desired output} = \text{output at } \Delta t = 50^\circ\text{C} \times (\text{desired } \Delta t / 50)^n$$

Height H [mm]	1700	1800	1900	2000
Therm. output per el. Δt = 50 °C [Watt]	41,9	44,2	46,5	48,8
Dry Weight per section [kg]	0,924	0,974	1,024	1,074
Element Water content [lt]	0,397	0,416	0,435	0,454
Element surface [m²]	0,103	0,108	0,113	0,119
Exp. n	1,3064	1,3036	1,3062	1,3088
Pipe Centres l [mm] (V3-V4 only)	1642	1742	1842	1942



STANDARD CONNECTIONS WITHOUT SURCHARGE



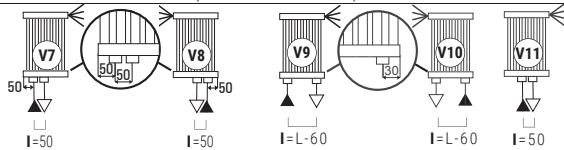
Legenda=



H Height

L Pipe Centres

SPECIAL CONNECTIONS (WITH SURCHARGE)



HOW TO ORDER THE RADIATOR GIADA SATIN STAINLESS STEEL VERTICAL

ARTICLE NR. STRUCTURE					
Radiator model	Elements nr.	Height in cm	Article code of the connection	Art. nr. finishing	Constant value
AAAA	BB	CCC	DDD	EEE	A

EXAMPLE

Radiator model E.g.: Giada vertical	Numero elements E.g.: 24 elements	Height in cm Example: 1600 mm	Article code of the connection Example: connection V8	Art. nr. finishing E.g.: satin stainless steel	Constant value
GI18	24	160	V08	X02	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

GI18 GIADA VERTICAL

24 24 elements (see the table shown on the side)

160 Height 1600 mm (see the table shown on the side)

V08 connection V8

X02 finishing: satin stainless steel

A (Constant value)

The article code will be:

GI18 24 160 V08 X02 A

ACCESSORIES

Kristal valve square with thermostatic option-satin

Copper conn. Ø 12/14/15
Art. nr. 5991990321143

Multilayer conn. Ø 16
Art. nr. 5991990321144

Kit 2 hooks-satin stainless steel

Art. nr. 5991990010222

Satin thermostatic head

(Kit 2 pieces)
Art. nr. 5035270710018

Accessories and spare parts - see from page 508

GIADA SATIN STAINLESS STEEL VERTICAL

INOX RANGE

All intermediate sizes are available for widths from 5 to 44 elements and heights from 400 to 2000 mm

Height H [mm]	400	500	600	800	1000	1200	1400	1500	1600
WIDTH L [mm]	N° El.	Watt Δt=50°C							
136	5	58	70	82	106	129	152	175	187
161	6	69	84	99	127	155	183	210	224
186	7	81	98	115	148	181	213	246	278
211	8	92	112	131	170	207	244	281	317
236	9	104	126	148	191	233	274	316	357
261	10	115	140	164	212	259	305	351	374
286	11	127	154	181	233	285	335	386	411
311	12	138	168	197	254	310	366	421	448
336	13	150	182	214	276	336	396	456	515
361	14	161	196	230	297	362	427	491	555
386	15	173	210	246	318	388	457	526	595
411	16	184	224	263	339	414	488	561	634
436	17	196	238	279	360	440	518	596	674
461	18	207	252	296	382	466	549	631	714
486	19	219	266	312	403	492	579	667	753
511	20	230	280	329	424	517	610	702	747
536	21	242	294	345	445	543	640	737	785
561	22	253	308	361	466	569	671	772	822
586	23	265	322	378	488	595	701	807	912
611	24	276	336	394	509	621	732	842	952
636	25	288	350	411	530	647	762	877	991
661	26	300	364	427	551	673	793	912	1031
686	27	311	378	444	572	698	823	947	1009
711	28	323	392	460	594	724	854	982	1046
736	29	334	406	476	615	750	884	1017	1150
761	30	346	420	493	636	776	915	1052	1190
786	31	357	434	509	657	802	945	1087	1158
811	32	369	448	526	678	828	976	1123	1196
836	33	380	462	542	700	854	1006	1158	1308
861	34	392	476	559	721	880	1037	1193	1271
886	35	403	490	575	742	905	1067	1228	1388
911	36	415	504	591	763	931	1098	1263	1345
936	37	426	518	608	784	957	1128	1298	1383
961	38	438	532	624	806	983	1159	1333	1420
986	39	449	546	641	827	1009	1189	1368	1457
1011	40	461	560	657	848	1035	1220	1403	1495
1061	42	484	588	690	890	1087	1281	1473	1570
1111	44	507	616	723	933	1138	1342	1544	1644

Height H [mm]	1700	1800	1900	2000
WIDTH L [mm]	N° El.	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C
136	5	210	221	233
161	6	252	265	279
186	7	294	309	326
211	8	335	354	372
236	9	377	398	419
261	10	419	442	465
286	11	461	486	512
311	12	503	531	558
336	13	545	575	605
361	14	587	619	651
386	15	629	663	698
411	16	671	707	744
436	17	713	752	791
461	18	755	796	837
486	19	797	840	884
511	20	839	884	930
536	21	881	928	977
561	22	922	973	1023
586	23	964	1017	1070
611	24	1006	1061	1116
636	25	1048	1105	1163
661	26	1090	1149	1209
686	27	1132	1194	1256
711	28	1174	1238	1302
736	29	1216	1282	1349
761	30	1258	1326	1395
786	31	1300	1371	1442
811	32	1342	1415	1488
836	33	1384	1459	1535
861	34	1426	1503	1581
886	35	1468	1547	1628
911	36	1509	1592	1674
936	37	1551	1636	1721
961	38	1593	1680	1767
986	39	1635	1724	1814
1011	40	1677	1768	1860
1061	42	1761	1857	1953
1111	44	1845	1945	2046

ARDÈSIA®
TOWEL RAILS

INOX RANGE
ELECTRIC RADIATORS
AND FAN HEATER

LIVING
DESIGN RADIATORS
VENTILATED
RADIATORS
MY WAY®
SYSTEM
ACCESSORIES
AND TECHNICAL
SUPPORT



GIADA SATIN STAINLESS STEEL HORIZONTAL



EN 442-1
EURONORM
RADIATORS AND CONVECTORS



page 150

**WARRANTY
10 YEARS**

MATERIAL:

- Vertical collectors in satin stainless steel, Ø 38 mm.
- Horizontal elements in satin stainless steel Ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES

See page 508

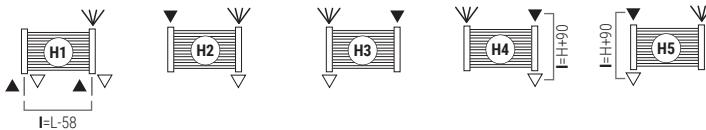
P. Max: 8 bar	Functioning: hot water	T. Max: 110 °C	Connections: 2 x 1 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

WIDTH L [mm]	400	500	600	800	1000	1200	1400	1500	1600
Dry Weight per section [kg]	0,277	0,327	0,377	0,477	0,576	0,676	0,775	0,826	0,875
Element Water content [lt]	0,147	0,167	0,186	0,225	0,263	0,301	0,339	0,357	0,377
Element surface [m ²]	0,029	0,035	0,04	0,051	0,063	0,074	0,085	0,089	0,096
Pipe Centres I [mm] (H1 only)	342	442	542	742	942	1142	1342	1442	1542

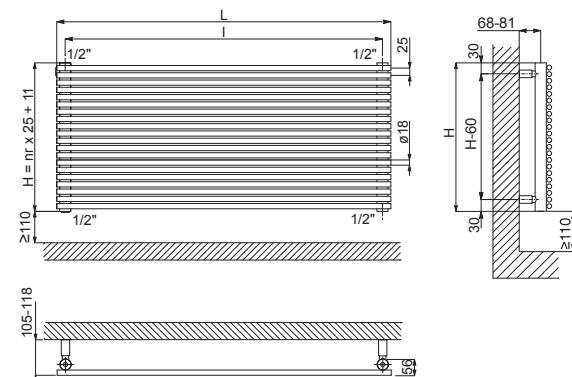
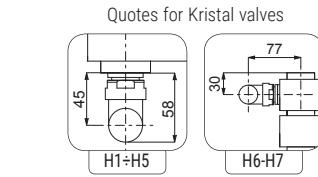
For output at different Δt than 50°C, please refer to the following formula:
desired output = output at Δt 50°C \times (desired Δt /50)ⁿ

WIDTH L [mm]	1700	1800	1900	2000
Dry Weight per section [kg]	0,924	0,974	1,024	1,074
Element Water content [lt]	0,397	0,416	0,435	0,454
Element surface [m ²]	0,103	0,108	0,113	0,119
Pipe Centres I [mm] (H1 only)	1642	1742	1842	1942

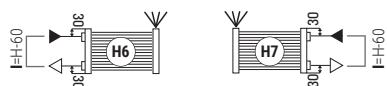
STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda= In Out Airvent H Height I Pipe Centres L WIDTH Sleeve



SPECIAL CONNECTIONS (WITH SURCHARGE)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR GIADA SATIN STAINLESS STEEL HORIZONTAL

ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION						
Radiator model	Elements nr.	WIDTH in cm	Article code of the connection	Art. nr. finishing	Constant value	Radiator model	Numero elements	WIDTH in cm	Article code of the connection	Art. nr. finishing	Constant value	In case of a radiator:	Article code:	Numero elements	WIDTH in cm	Article code of the connection	Art. nr. finishing	Constant value
AAAA	BB	CCC	DDD	EEE	A	GI18	24	120	H01	X02	A	GI18	GIADA HORIZONTAL	24	1200 mm	Example: connection H1	E.g.: satin stainless steel	Constant value

ACCESSORIES

	Kristal valve square with thermostatic option-satin		Kristal valve corner with thermostatic option-satin		Kit 2 hooks-satin stainless steel
Copper conn. Ø 12/14/15 Art. nr. 5991990321143	Multilayer conn. Ø 16 Art. nr. 5991990321144	Copper conn. Ø 12/14/15 Art. nr. 5991990321134	Multilayer conn. Ø 16 Art. nr. 5991990321133		Art. nr. 5991990010222

GIADA SATIN STAINLESS STEEL HORIZONTAL

INOX RANGE

All intermediate sizes are available for widths from 5 to 44 elements and heights from 400 to 2000 mm

WIDTH L [mm]	400	500	600	800	1000	1200	1400	1500	1600	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C								
136	5	57	71	85	114	142	171	199	213	228
161	6	68	85	102	137	171	205	239	256	273
186	7	80	100	120	160	200	240	280	300	320
211	8	92	114	137	183	229	275	320	343	366
236	9	103	129	155	206	258	310	361	387	413
261	10	115	144	173	230	288	345	403	431	460
286	11	127	158	190	254	317	380	444	475	507
311	12	138	173	208	277	346	415	484	519	554
336	13	150	188	226	301	376	451	526	564	602
361	14	162	203	243	324	405	486	567	608	648
386	15	174	218	261	348	435	522	609	653	696
411	16	186	232	278	371	464	557	650	696	742
436	17	198	247	296	395	494	593	692	741	790
461	18	209	262	314	418	523	628	732	785	837
486	19	221	276	331	442	552	662	773	828	883
511	20	232	291	349	465	581	697	813	872	930
536	21	244	305	366	488	610	732	854	915	976
561	22	256	320	383	511	639	767	895	959	1022
586	23	267	334	401	534	668	802	935	1002	1069
611	24	279	349	418	558	697	836	976	1046	1115
636	25	290	363	435	580	725	870	1015	1088	1160
661	26	302	377	452	603	754	905	1056	1131	1206
686	27	313	391	469	626	782	938	1095	1173	1251
711	28	324	406	487	649	811	973	1135	1217	1298
736	29	336	420	503	671	839	1007	1175	1259	1342
761	30	347	434	520	694	867	1040	1214	1301	1387
786	31	358	447	536	715	894	1073	1252	1341	1430
811	32	369	461	553	738	922	1106	1291	1383	1475
836	33	380	475	570	760	950	1140	1330	1425	1520
861	34	391	489	586	782	977	1172	1368	1466	1563
886	35	402	502	602	803	1004	1205	1406	1506	1606
911	36	412	516	619	825	1031	1237	1443	1547	1650
936	37	423	529	635	846	1058	1269	1481	1587	1693
961	38	435	544	652	870	1087	1305	1522	1631	1740
986	39	444	556	667	889	1111	1333	1556	1667	1778
1011	40	455	569	683	910	1138	1365	1593	1706	1820
1061	42	476	595	714	952	1190	1428	1666	1785	1904
1111	44	497	621	745	993	1241	1490	1738	1862	1986

WIDTH L [mm]	1700	1800	1900	2000	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	
136	5	242	256	270	1,2012
161	6	290	307	325	1,2018
186	7	339	359	379	1,2024
211	8	389	412	435	1,2029
236	9	439	465	490	1,2035
261	10	489	518	546	1,2041
286	11	539	570	602	1,2047
311	12	588	623	657	1,2052
336	13	639	677	714	1,2058
361	14	689	729	770	1,2064
386	15	740	783	827	1,2069
411	16	789	835	882	1,2075
436	17	840	889	939	1,2081
461	18	889	941	994	1,2087
486	19	938	994	1049	1,2092
511	20	988	1046	1104	1,2098
536	21	1037	1098	1159	1,2104
561	22	1086	1150	1214	1,2110
586	23	1136	1202	1269	1,2115
611	24	1185	1255	1324	1,2121
636	25	1233	1305	1378	1,2127
661	26	1282	1357	1433	1,2133
686	27	1329	1408	1486	1,2138
711	28	1379	1460	1541	1,2144
736	29	1426	1510	1594	1,2150
761	30	1474	1561	1647	1,2156
786	31	1520	1609	1699	1,2146
811	32	1567	1660	1752	1,2136
836	33	1615	1710	1805	1,2126
861	34	1661	1759	1856	1,2116
886	35	1707	1807	1908	1,2107
911	36	1753	1856	1959	1,2097
936	37	1798	1904	2010	1,2087
961	38	1849	1957	2066	1,2078
986	39	1889	2000	2111	1,2068
1011	40	1934	2048	2161	1,2058
1061	42	2023	2142	2261	1,2030
1111	44	2110	2235	2359	1,2010





ELSA POLISHED STAINLESS STEEL



page 152

**WARRANTY
10 YEARS**

MATERIAL:

- Horizontal collectors in polished stainless steel, Ø 30 mm.
- Vertical elements in polished stainless steel Ø 38 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036-class 4.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

ACCESSORIES

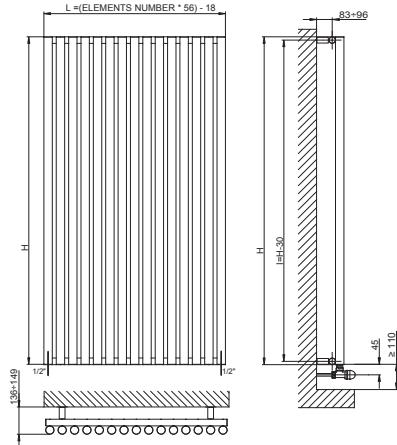
See page 508

P. Max: 8 bar	Functioning: hot water	T. Max: 110°C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas
---------------	------------------------	---------------	--

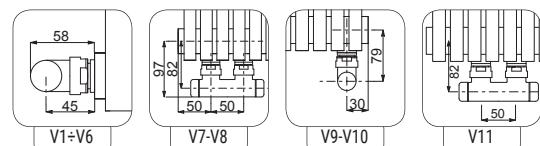
Height H [mm]	1800	2000
Therm. output per el. Δt = 50 °C [Watt]	81	90
Dry Weight per section [kg]	2,48	2,75
Element Water content [l]	1,82	1,95
Element surface [m²]	0,225	0,249
Exp. n	1,2842	1,2759
Pipe Centres I [mm] (V3-V4 only)	1770	1970

For output at different Δt than 50°C, please refer to the following formula:

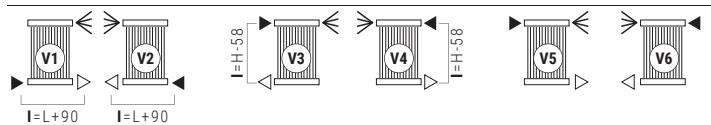
$$\text{desired output} = \text{output at } \Delta t 50^\circ\text{C} \times (\text{desired } \Delta t/50)^n$$



Quotes for Kristal valves



STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda=



H Height

I Pipe Centres

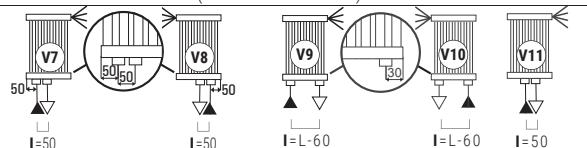
L WIDTH



Always specify the kind of connection needed when ordering.

Bidirectional pipe connection not available

SPECIAL CONNECTIONS (WITH SURCHARGE)



HOW TO ORDER THE RADIATOR ELSA POLISHED STAINLESS STEEL

ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION					
Radiator model	Elements nr.	Height in cm	Article code of the connection	Art. nr. finishing	Constant value	Radiator model E.g.: ELSA	Numero elements E.g.: 7 elements	Height in cm Example: 2000 mm	Article code of the connection Example: connection V1	Art. nr. finishing Example: polished stainless steel	Constant value	In the case of a radiator: EL38 ELSA POLISHED STAINLESS STEEL	07 7 elements (see the table shown on the side)	200 Height 2000 mm (see the table shown on the side)	V01 connection V1	X01 finishing: polished stainless steel	A (Constant value) The article code will be: EL38 07 200 V01 X01 A
AAAA	BB	CCC	DDD	EEE	A	EL38	07	200	V01	X01	A						

ACCESSORIES

	Kristal valve square with thermostatic option-chromed		Kristal valve corner with thermostatic option-chromed		Chromed thermostatic head
	Copper conn. Ø 12/14/15 Art. nr. 5991990311165		Copper conn. Ø 12/14/15 Art. nr. 5991990301148		(Kit 2 pieces) Art. nr. 5035270710015

ELSA POLISHED STAINLESS STEEL

INOX RANGE

Art. nr.	Height H [mm]		
	WIDTH L [mm]	N° El.	Watt $\Delta t=50^\circ\text{C}$
EL38 07 180 DDD X01 A	374	7	567
EL38 08 180 DDD X01 A	430	8	648
EL38 09 180 DDD X01 A	486	9	729
EL38 10 180 DDD X01 A	542	10	810
EL38 11 180 DDD X01 A	598	11	891
EL38 12 180 DDD X01 A	654	12	972
EL38 13 180 DDD X01 A	710	13	1053
EL38 14 180 DDD X01 A	766	14	1134
EL38 15 180 DDD X01 A	822	15	1215

DDD: replace with the connection code

Art. nr.	Height H [mm]		
	WIDTH L [mm]	N° El.	Watt $\Delta t=50^\circ\text{C}$
EL38 07 200 DDD X01 A	374	7	630
EL38 08 200 DDD X01 A	430	8	720
EL38 09 200 DDD X01 A	486	9	810
EL38 10 200 DDD X01 A	542	10	900
EL38 11 200 DDD X01 A	598	11	990
EL38 12 200 DDD X01 A	654	12	1080
EL38 13 200 DDD X01 A	710	13	1170
EL38 14 200 DDD X01 A	766	14	1260
EL38 15 200 DDD X01 A	822	15	1350

DDD: replace with the connection code

ARDÉSIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MY WAY®
SYSTEM

ACCESSORIES
AND TECHNICAL
SUPPORT



ROSY VERTICAL



EN 442-1
RADIATORS AND CONVECTORS



Radiators, convectors and ceiling-mounted radiant panels, hot water heating, fan assisted and mixed



page 156

EUROPEAN
WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel Ø 38 mm.
- Vertical heating elements in painted mild steel 50 x 10 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

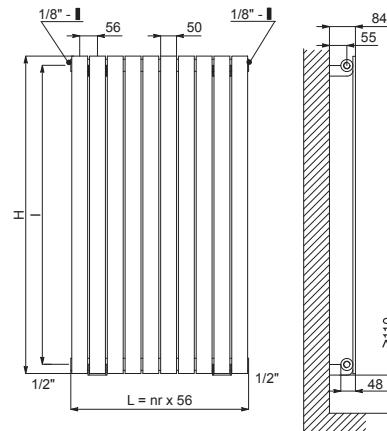
P. Max: 5 bar	Functioning: hot water	T. Max: 110°C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	---------------	--

Height H [mm]	400	500	600	700	800	1000	1200	1400	1500
Therm. output per el. Δt = 50 °C [Watt]	28,0	34,6	41,1	47,5	53,8	66,3	78,6	90,6	98,2
Dry Weight per section [kg]	0,689	0,823	0,774	1,091	0,991	1,208	1,425	1,643	2,167
Element Water content [lt]	0,239	0,272	0,329	0,338	0,401	0,473	0,546	0,618	0,601
Element surface [m²]	0,257	0,293	0,085	0,365	0,109	0,133	0,157	0,181	0,691
Exp. n	1,2935	1,2928	1,2922	1,2914	1,2907	1,2894	1,2881	1,2867	1,2860
Pipe Centres l [mm] (V3-V4 only)	342	442	542	642	742	942	1142	1342	1442

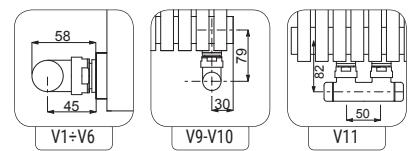
For output at different Δt than 50°C, please refer to the following formula:

$$\text{desired output} = \text{output at } \Delta t = 50^\circ\text{C} \times (\text{desired } \Delta t/50)^\text{n}$$

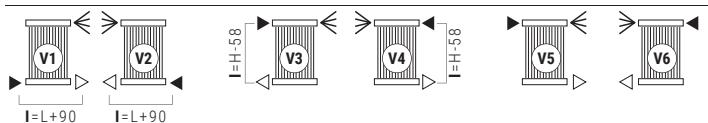
Height H [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. Δt = 50 °C [Watt]	102	108	114	120	126	131	137	142	153
Dry Weight per section [kg]	1,86	2,435	2,077	2,186	2,294	2,973	2,512	2,62	2,837
Element Water content [lt]	0,69	0,667	0,763	0,799	0,835	0,799	0,907	0,944	1,016
Element surface [m²]	0,205	0,726	0,229	0,241	0,253	0,871	0,277	0,289	0,313
Exp. n	1,2854	1,2847	1,284	1,284	1,2826	1,2820	1,282	1,2806	1,2792
Pipe Centres l [mm] (V3-V4 only)	1542	1642	1742	1842	1942	2042	2142	2242	2442



Quotes for Kristal valves



STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda=



In



Out



Airvent

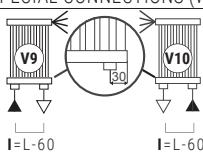


Height



Pipe Centres

SPECIAL CONNECTIONS (WITH SURCHARGE)



Bidirectional pipe connection available for models with elements ≥ 8

Always specify the kind of connection needed when ordering.

HOW TO ORDER THE RADIATOR ROSY VERTICAL

ARTICLE NR. STRUCTURE						EXAMPLE					
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	Numero elements	Height in cm	Article code of the connection	Article code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	RO50	12	150	V01	R01	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

RO50 ... ROSY VERTICAL

12 ... 12 elements (see the table shown on the side)

150 ... Height 1500 mm (see the table shown on the side)

V01 ... connection V1

R01 ... colour R01-White (see page 540)

A ... (Constant value)

The article code will be:

RO50 12 150 V01 R01 A

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010	Kit 2 Hooks WHITE RAL 9010 - R01	White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161	Multilayer conn. Ø 16 Art. nr. 5991990311160	(Kit 2 pieces) Art. nr. 5035270710016

ROSY VERTICAL

All intermediate sizes are available for widths from 4 to 32 elements and heights from 400 to 2500 mm

Height H [mm]	400	500	600	700	800	1000	1200	1400	1500
WIDTH L [mm]	N° El.	Watt Δt=50°C							
224	4	112	134	164	187	215	265	314	362
280	5	140	168	206	234	269	332	393	453
336	6	168	202	247	281	323	398	472	544
392	7	196	235	288	328	377	464	550	634
448	8	224	269	329	374	430	530	629	725
504	9	252	302	370	421	484	597	707	815
560	10	280	336	411	468	538	663	786	906
616	11	308	370	452	515	592	729	865	997
672	12	336	403	493	562	646	796	943	1087
728	13	364	437	534	608	699	862	1022	1178
784	14	392	470	575	655	753	928	1100	1268
840	15	420	504	617	702	807	995	1179	1359
896	16	448	538	658	749	861	1061	1258	1450
952	17	476	571	699	796	915	1127	1336	1540
1008	18	504	605	740	842	968	1193	1415	1631
1064	19	532	638	781	889	1022	1260	1493	1721
1120	20	560	672	822	936	1076	1326	1572	1812
1176	21	588	706	863	983	1130	1392	1651	1903
1232	22	616	739	904	1030	1184	1459	1729	1993
1288	23	644	773	945	1076	1237	1525	1808	2084
1344	24	672	807	986	1123	1291	1591	1886	2174
1400	25	700	840	1028	1170	1345	1658	1965	2265
1456	26	728	874	1069	1217	1399	1724	2044	2356
1512	27	756	907	1110	1264	1453	1790	2122	2446
1568	28	784	941	1151	1310	1506	1856	2201	2537
1624	29	812	975	1192	1357	1560	1923	2279	2627
1680	30	840	1008	1233	1404	1614	1989	2358	2718
1736	31	868	1042	1274	1451	1668	2055	2437	2809
1792	32	896	1075	1315	1498	1722	2122	2515	2899

ARDÈSIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MY WAY®
SYSTEM
MODELS FOR
REPLACEMENT

ACCESSORIES
AND TECHNICAL
SUPPORT

Height H [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
WIDTH L [mm]	N° El.	Watt Δt=50°C							
224	4	408	443	456	480	504	541	544	568
280	5	510	553	570	600	630	676	680	710
336	6	612	664	684	720	756	812	816	852
392	7	714	775	798	840	882	947	952	994
448	8	816	885	912	960	1008	1082	1088	1136
504	9	918	996	1026	1080	1134	1217	1224	1278
560	10	1020	1107	1140	1200	1260	1353	1360	1420
616	11	1122	1217	1254	1320	1386	1488	1496	1562
672	12	1224	1328	1368	1440	1512	1623	1632	1704
728	13	1326	1439	1482	1560	1638	1759	1768	1846
784	14	1428	1549	1596	1680	1764	1894	1904	1988
840	15	1530	1660	1710	1800	1890	2029	2040	2130
896	16	1632	1771	1824	1920	2016	2164	2176	2272
952	17	1734	1882	1938	2040	2142	2300	2312	2414
1008	18	1836	1992	2052	2160	2268	2435	2448	2556
1064	19	1938	2103	2166	2280	2394	2570	2584	2698
1120	20	2040	2214	2280	2400	2520	2706	2720	2840
1176	21	2142	2324	2394	2520	2646	2841	2856	2982
1232	22	2244	2435	2508	2640	2772	2976	2992	3124
1288	23	2346	2546	2622	2760	2898	3111	3128	3266
1344	24	2448	2656	2736	2880	3024	3247	3264	3408
1400	25	2550	2767	2850	3000	3150	3382	3400	3550
1456	26	2652	2878	2964	3120	3276	3517	3536	3692
1512	27	2754	2988	3078	3240	3402	3652	3672	3834
1568	28	2856	3099	3192	3360	3528	3788	3808	3976
1624	29	2958	3210	3306	3480	3654	3923	3944	4118
1680	30	3060	3320	3420	3600	3780	4058	4080	4260
1736	31	3162	3431	3534	3720	3906	4194	4216	4402
1792	32	3264	3542	3648	3840	4032	4329	4352	4544



ROSY HORIZONTAL



EN 442-1
EURO NORM
RADIATORS AND CONVECTORS

CERTIFIQUE MANDATIF
NF
Radiators, convectors and ceiling-mounted radiant panels, hot water heating, fan assisted and mixed

VDI 6036
COMPLIANT WITH
CLASS 1-2-3-4



page 158

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel Ø 38 mm.
- Horizontal heating elements in painted mild steel, 50 x 10 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice. The kit is certified from TÜV in compliance with

VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

P. Max: 5 bar	Functioning: hot water	T. Max: 110 °C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

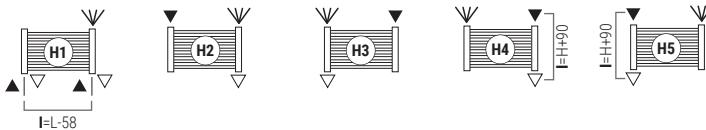
WIDTH L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per section [kg]	0,56	0,67	0,77	0,88	0,99	1,21	1,43	1,64	1,75
Element Water content [lt]	0,26	0,29	0,33	0,37	0,40	0,47	0,55	0,62	0,65
Element surface [m ²]	0,061	0,073	0,085	0,097	0,109	0,133	0,157	0,181	0,193
Pipe Centres l [mm] (H1 only)	342	442	542	642	742	942	1142	1342	1442

For output at different Δt than 50°C, please refer to the following formula:

$$\text{desired output} = \text{output at } \Delta t 50^\circ\text{C} \times (\text{desired } \Delta t/50)^\alpha n$$

WIDTH L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per section [kg]	1,86	1,97	2,08	2,19	2,29	2,40	2,51	2,62	2,83
Element Water content [lt]	0,69	0,73	0,76	0,80	0,84	0,87	0,91	0,94	1,02
Element surface [m ²]	0,205	0,217	0,229	0,241	0,253	0,265	0,277	0,289	0,313
Pipe Centres l [mm] (H1 only)	1542	1642	1742	1842	1942	2042	2142	2242	2442

STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda=



Airvent

H Height

I Pipe Centres

L WIDTH



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR ROSY HORIZONTAL

ARTICLE NR. STRUCTURE					
Radiator model	Elements nr.	WIDTH in cm	Article code of the connection	Article code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A

EXAMPLE

Radiator model E.g.: Rosy horizontal	Numero elements E.g.: 12 elements	WIDTH in cm Example: 1500 mm	Article code of the connection Example: connection H1	Article code of the colour Example: R01-White	Constant value
RO50	12	150	H01	R01	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

RO50 ROSY HORIZONTAL

12 12 elements (see the table shown on the side)

150 WIDTH 1500 mm (see the table shown on the side)

H01 connection H1

R01 colour R01-White (see page 540)

A (Constant value)

The article code will be:

RO50 12 150 H01 R01 A

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010	Kristal valve corner With thermostatic option White R01 - ral 9010	White thermostatic head
 Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160	 Copper conn. Ø 12/14/15 Art. nr. 5991990311176 Multilayer conn. Ø 16 Art. nr. 5991990311175	 (Kit 2 pieces) Art. nr. 5035270710016

ROSY HORIZONTAL

All intermediate sizes are available for widths from 4 to 32 elements and heights from 400 to 2500 mm

WIDTH L [mm]	400	500	600	700	800	1000	1200	1400	1500	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C								
224	4	112	140	168	196	224	280	336	392	420
280	5	138	172	206	241	275	344	413	482	516
336	6	162	203	244	284	325	406	487	568	609
392	7	187	234	280	327	374	467	560	654	701
448	8	211	264	317	370	422	528	634	739	792
504	9	235	294	353	412	470	588	706	823	882
560	10	259	324	388	453	518	647	776	906	971
616	11	282	353	424	494	565	706	847	988	1059
672	12	306	383	459	536	612	765	918	1071	1148
728	13	329	412	494	576	658	823	988	1152	1235
784	14	352	441	529	617	705	881	1057	1233	1322
840	15	376	470	563	657	751	939	1127	1315	1409
896	16	399	499	598	698	798	997	1196	1396	1496
952	17	422	527	632	738	843	1054	1265	1476	1581
1008	18	444	556	667	778	889	1111	1333	1555	1667
1064	19	467	584	701	818	934	1168	1402	1635	1752
1120	20	490	613	735	858	980	1225	1470	1715	1838
1176	21	513	641	769	897	1026	1282	1538	1795	1923
1232	22	536	670	803	937	1071	1339	1607	1875	2009
1288	23	558	698	837	977	1116	1395	1674	1953	2093
1344	24	581	726	871	1016	1162	1452	1742	2033	2178
1400	25	603	754	905	1056	1206	1508	1810	2111	2262
1456	26	626	782	938	1095	1251	1564	1877	2190	2346
1512	27	648	810	972	1134	1296	1620	1944	2268	2430
1568	28	670	838	1006	1173	1341	1676	2011	2346	2514
1624	29	693	866	1039	1212	1386	1732	2078	2425	2598
1680	30	715	894	1073	1252	1430	1788	2146	2503	2682
1736	31	738	922	1106	1291	1475	1844	2213	2582	2766
1792	32	760	950	1140	1330	1520	1900	2280	2660	2850

ARDÈSIA®

TOWEL RAILS
ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

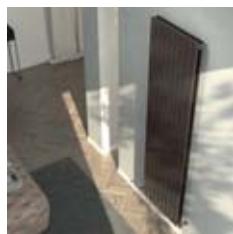
VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

MY WAY®
SYSTEM

ACCESSORIES
AND TECHNICAL
SUPPORT

WIDTH L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C								
224	4	448	476	504	532	560	588	616	644	700
280	5	550	585	619	654	688	722	757	791	860
336	6	650	690	731	771	812	853	893	934	1015
392	7	747	794	841	887	934	981	1027	1074	1168
448	8	845	898	950	1003	1056	1109	1162	1214	1320
504	9	941	1000	1058	1117	1176	1235	1294	1352	1470
560	10	1035	1100	1165	1229	1294	1359	1423	1488	1618
616	11	1130	1200	1271	1341	1412	1483	1553	1624	1765
672	12	1224	1301	1377	1454	1530	1607	1683	1760	1913
728	13	1317	1399	1481	1564	1646	1728	1811	1893	2058
784	14	1410	1498	1586	1674	1762	1850	1938	2026	2203
840	15	1502	1596	1690	1784	1878	1972	2066	2160	2348
896	16	1595	1695	1795	1894	1994	2094	2193	2293	2493
952	17	1686	1792	1897	2003	2108	2213	2319	2424	2635
1008	18	1778	1889	2000	2111	2222	2333	2444	2555	2778
1064	19	1869	1986	2102	2219	2336	2453	2570	2686	2920
1120	20	1960	2083	2205	2328	2450	2573	2695	2818	3063
1176	21	2051	2179	2308	2436	2564	2692	2820	2949	3205
1232	22	2142	2276	2410	2544	2678	2812	2946	3080	3348
1288	23	2232	2372	2511	2651	2790	2930	3069	3209	3488
1344	24	2323	2468	2614	2759	2904	3049	3194	3340	3630
1400	25	2413	2564	2714	2865	3016	3167	3318	3468	3770
1456	26	2502	2659	2815	2972	3128	3284	3441	3597	3910
1512	27	2592	2754	2916	3078	3240	3402	3564	3726	4050
1568	28	2682	2849	3017	3184	3352	3520	3687	3855	4190
1624	29	2771	2944	3118	3291	3464	3637	3810	3984	4330
1680	30	2861	3040	3218	3397	3576	3755	3934	4112	4470
1736	31	2950	3135	3319	3504	3688	3872	4057	4241	4610
1792	32	3040	3230	3420	3610	3800	3990	4180	4370	4750



ROSY TANDEM VERTICAL



page 160



EN 442-1
EURO NORM
RADIATORS AND CONVECTORS



Radiators, convectors and ceiling-mounted radiant panels, hot water heating, fan assisted and mixed

EUROPEAN WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel Ø 38 mm.
- Double vertical heating elements in painted mild steel 50 x 10 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

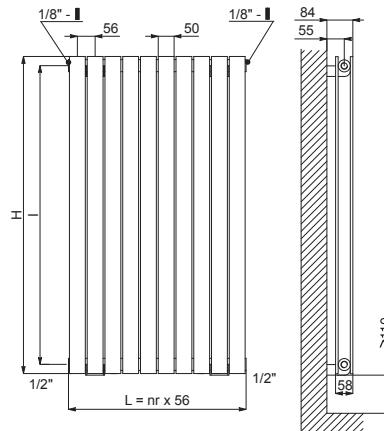
P. Max: 5 bar	Functioning: hot water	T. Max: 110°C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	---------------	--

Height H [mm]	500	558	600	658	700	800	858	958	1000
Therm. output per el. Δt = 50 °C [Watt]	50,5	60,3	64,2	69,5	70,7	82,3	57,9	96,1	99,7
Dry Weight per section [kg]	1,208	1,334	1,425	1,551	1,642	1,860	1,986	2,203	2,294
Element Water content [lt]	0,473	0,515	0,546	0,588	0,619	0,690	0,732	0,805	0,835
Element surface [m²]	0,133	0,147	0,157	0,171	0,181	0,205	0,219	0,243	0,253
Exp. n	1,3443	1,3425	1,3423	1,3422	1,3444	1,3417	1,3415	1,3413	1,3411
Pipe Centres l [mm] (V3-V4 only)	442	500	542	600	642	742	800	900	942

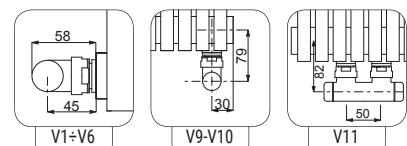
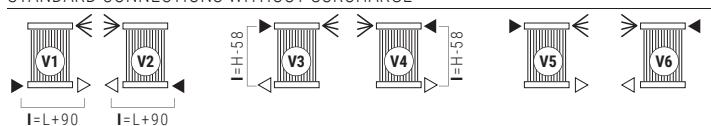
For output at different Δt than 50°C, please refer to the following formula:

$$\text{desired output} = \text{output at } \Delta t = 50^\circ\text{C} \times (\text{desired } \Delta t / 50)^n$$

Height H [mm]	1200	1400	1600	1800	1900	2000	2200	2300	2500
Therm. output per el. Δt = 50 °C [Watt]	117,0	133,0	149,0	165,0	173,9	180,0	194,4	203,0	218,0
Dry Weight per section [kg]	2,729	3,163	3,598	4,032	4,249	4,467	4,901	5,118	5,553
Element Water content [lt]	0,980	1,124	1,269	1,414	1,486	1,559	1,703	1,776	1,920
Element surface [m²]	0,301	0,349	0,397	0,445	0,469	0,493	0,541	0,565	0,613
Exp. n	1,3405	1,3390	1,3393	1,3387	1,3380	1,3381	1,3370	1,3372	1,3366
Pipe Centres l [mm] (V3-V4 only)	1142	1342	1542	1742	1842	1942	2142	2242	2442



Quotes for Kristal valves

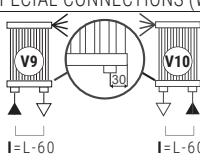

STANDARD CONNECTIONS WITHOUT SURCHARGE


Legenda=



H Height

I Pipe Centres

SPECIAL CONNECTIONS (WITH SURCHARGE)


Bidirectional pipe connection available for models with elements ≥ 8

Always specify the kind of connection needed when ordering.

HOW TO ORDER THE RADIATOR ROSY TANDEM VERTICAL

ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION						
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	Numero elements	Height in cm	Article code of the connection	Article code of the colour	Constant value	In case of a radiator:	RT50	12	150	V01	R01	A
AAAA	BB	CCC	DDD	EEE	A	RT50	12	150	V01	R01	A	ROSY TANDEM VERTICAL	12	150	V01	R01	A	

ACCESSORIES

Kristal valve square With thermostatic option White R01 - ral 9010		Kristal valve square pipe centres 50 mm with thermostatic option-White R01		White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161		Copper conn. Ø 12/14/15 Art. nr. 5991990311186		(Kit 2 pieces) Art. nr. 5035270710016

ROSY TANDEM VERTICAL

All intermediate sizes are available for widths from 4 to 18 elements and heights from 500 to 2500 mm

Height H [mm]	500	558	600	658	700	800	858	958	1000
WIDTH L [mm]	N° El.	Watt Δt=50°C							
224	4	202	241	257	278	283	329	352	384
280	5	252	301	321	348	353	412	440	480
336	6	303	362	385	417	424	494	527	577
392	7	353	422	449	487	495	576	615	673
448	8	404	482	514	556	565	658	703	769
504	9	454	543	578	626	636	741	791	865
560	10	505	603	642	695	707	823	879	961
616	11	555	663	706	765	777	905	967	1057
672	12	606	724	770	834	848	988	1055	1153
728	13	656	784	835	904	919	1070	1143	1249
784	14	707	844	899	973	989	1152	1231	1345
840	15	757	904	963	1043	1060	1235	1319	1441
896	16	807	965	1027	1112	1131	1317	1406	1537
952	17	858	1025	1091	1182	1201	1399	1494	1633
1008	18	908	1085	1156	1251	1272	1481	1582	1730
									1795



Height H [mm]	1200	1400	1600	1800	1900	2000	2200	2300	2500
WIDTH L [mm]	N° El.	Watt Δt=50°C							
224	4	468	532	596	660	696	720	778	812
280	5	585	665	745	825	870	900	972	1015
336	6	702	798	894	990	1043	1080	1166	1218
392	7	819	931	1043	1155	1217	1260	1361	1421
448	8	936	1064	1192	1320	1391	1440	1555	1624
504	9	1053	1197	1341	1485	1565	1620	1750	1827
560	10	1170	1330	1490	1650	1739	1800	1944	2030
616	11	1287	1463	1639	1815	1913	1980	2138	2233
672	12	1404	1596	1788	1980	2087	2160	2333	2436
728	13	1521	1729	1937	2145	2261	2340	2527	2639
784	14	1638	1862	2086	2310	2435	2520	2722	2842
840	15	1755	1995	2235	2475	2609	2700	2916	3045
896	16	1872	2128	2384	2640	2782	2880	3110	3248
952	17	1989	2261	2533	2805	2956	3060	3305	3451
1008	18	2106	2394	2682	2970	3130	3240	3499	3654
									3924

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

ACCESSORIES
AND TECHNICAL
SUPPORT



ROSY TANDEM HORIZONTAL



EN 442-1
EURO NORM
RADIATORS AND CONVECTORS

CERTIFIQUE MANDATIF
NF
RADIATORS, CONVECTORS AND CEILING-MOUNTED RADIANT PANELS, HOT WATER HEATING, FAN ASSISTED AND MIXED



page 164

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel Ø 38 mm.
- Double horizontal heating elements in painted mild steel, 50 x 10 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice. The kit is certified from TÜV in compliance with

VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

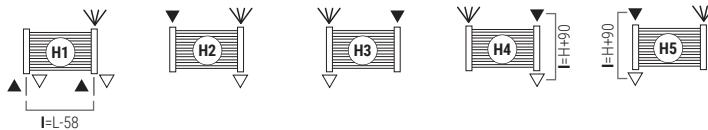
P. Max: 5 bar	Functioning: hot water	T. Max: 110 °C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

WIDTH L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per section [kg]	0,99	1,208	1,425	1,64	1,860	2,294	2,729	3,163	3,381
Element Water content [lt]	0,40	0,473	0,546	0,62	0,690	0,835	0,980	1,124	1,197
Element surface [m ²]	0,11	0,133	0,157	0,18	0,205	0,253	0,301	0,349	0,373
Pipe Centres I [mm] (H1 only)	342	442	542	642	742	942	1142	1342	1442

For output at different Δt than 50°C, please refer to the following formula:
desired output = output at Δt 50°C x (desired Δt /50)ⁿ

WIDTH L [mm]	1600	1700	1800	1900	2000	2200	2300	2500
Dry Weight per section [kg]	3,598	4,032	4,249	4,47	4,68	5,12	5,55	5,99
Element Water content [lt]	1,269	1,414	1,486	1,56	1,63	1,77	1,92	2,06
Element surface [m ²]	0,397	0,445	0,469	0,49	0,52	0,57	0,61	0,66
Pipe Centres I [mm] (H1 only)	1542	1642	1742	1842	1942	2142	2242	2442

STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda=



Airvent

H Height

I Pipe Centres

L WIDTH



Always specify the kind of connection needed when ordering.

Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR ROSY TANDEM HORIZONTAL

ARTICLE NR. STRUCTURE						EXAMPLE					
Radiator model	Elements nr.	WIDTH in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	Numero elements	WIDTH in cm	Article code of the connection	Article code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	RT50	12	150	H01	R01	A

EXAMPLE OF ARTICLE CODE CREATION

In case of a radiator:

RT50 ROSY.TANDEM.HORIZONTAL

12 12 elements (see the table shown on the side)

150 WIDTH 1500 mm (see the table shown on the side)

H01 connection H1

R01 colour R01-White (see page 540)

A (Constant value)

The article code will be:

RT50 12 150 H01 R01 A

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010		Kristal valve corner right with thermostatic option white R01 - ral 9010	
Copper conn. Ø 12/14/15 Art. nr. 5991990311161		Copper conn. Ø 12/14/15 Art. nr. 5991990311176	
Multilayer conn. Ø 16 Art. nr. 5991990311160		Multilayer conn. Ø 16 Art. nr. 5991990311175	

ROSY TANDEM HORIZONTAL

All intermediate sizes are available for widths from 4 to 18 elements and heights from 500 to 2500 mm

WIDTH L [mm]	400	500	600	700	800	1000	1200	1400	1500	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C								
224	4	196	245	294	343	392	490	588	686	735 1,2547
280	5	240	300	359	419	479	599	719	839	899 1,2520
336	6	282	353	423	494	564	705	846	987	1058 1,2492
392	7	323	404	485	566	646	808	970	1131	1212 1,2465
448	8	363	454	545	636	726	908	1090	1271	1362 1,2438
504	9	402	503	603	704	804	1005	1206	1407	1508 1,2410
560	10	440	550	659	769	879	1099	1319	1539	1649 1,2383
616	11	476	596	715	834	953	1191	1429	1667	1787 1,2355
672	12	512	640	768	896	1024	1280	1536	1792	1920 1,2328
728	13	547	684	820	957	1094	1367	1640	1914	2051 1,2301
784	14	580	726	871	1016	1161	1451	1741	2031	2177 1,2273
840	15	613	767	920	1073	1226	1533	1840	2146	2300 1,2246
896	16	645	807	968	1129	1290	1613	1936	2258	2420 1,2218
952	17	676	846	1015	1184	1353	1691	2029	2367	2537 1,2191
1008	18	707	884	1060	1237	1414	1767	2120	2474	2651 1,2164

ARDÈSIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

ACCESSORIES
AND TECHNICAL
SUPPORT

WIDTH L [mm]	1600	1700	1800	1900	2000	2200	2300	2500	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C							
224	4	784	833	882	931	980	1078	1127	1225 1,2547
280	5	958	1018	1078	1138	1198	1318	1378	1498 1,2520
336	6	1128	1199	1269	1340	1410	1551	1622	1763 1,2492
392	7	1293	1374	1454	1535	1616	1778	1858	2020 1,2465
448	8	1453	1544	1634	1725	1816	1998	2088	2270 1,2438
504	9	1608	1709	1809	1910	2010	2211	2312	2513 1,2410
560	10	1758	1868	1978	2088	2198	2418	2528	2748 1,2383
616	11	1906	2025	2144	2263	2382	2620	2739	2978 1,2355
672	12	2048	2176	2304	2432	2560	2816	2944	3200 1,2328
728	13	2187	2324	2461	2597	2734	3007	3144	3418 1,2301
784	14	2322	2467	2612	2757	2902	3192	3337	3628 1,2273
840	15	2453	2606	2759	2913	3066	3373	3526	3833 1,2246
896	16	2581	2742	2903	3065	3226	3549	3710	4033 1,2218
952	17	2706	2875	3044	3213	3382	3720	3889	4228 1,2191
1008	18	2827	3004	3181	3357	3534	3887	4064	4418 1,2164



UPPER COVER AVAILABLE UPON REQUEST



ROSY MAX

CE **EN 442-1**
EURONORM
RADIATORS AND CONVECTORS



EUROPEAN
WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel Ø 38 mm.
- Double vertical heating elements in painted mild steel 50 x 10 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

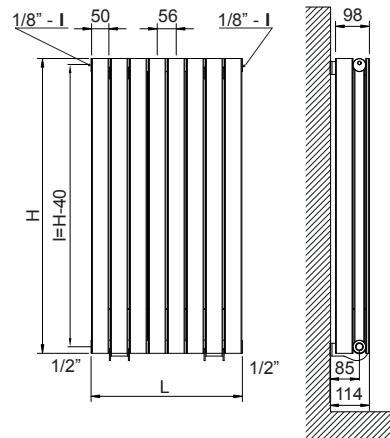
ACCESSORIES

See page 508

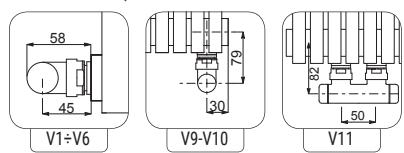
P. Max: 5 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	----------------	--

Height H [mm]	390	540	640	840	940	1800	2000
Therm. output per el. Δt = 50 °C [Watt]	69,5	88,7	101,5	130,6	139,9	250	275,6
Dry Weight per section [kg]	1,393	1,882	2,207	2,859	3,185	5,987	6,639
Element Water content [lt]	0,535	0,698	0,806	1,023	1,132	2,065	2,282
Element surface [m²]	0,154	0,208	0,244	0,316	0,352	0,661	0,733
Exp. n	1,2762	1,2754	1,275	1,2746	1,2742	1,3187	1,3167
Pipe Centres l [mm] (V3-V4 only)	350	500	600	800	900	1760	1960

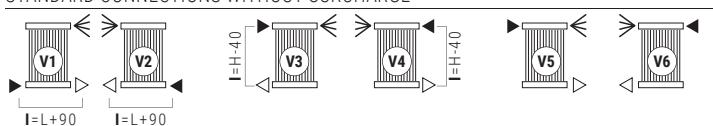
For output at different Δt than 50°C, please refer to the following formula:
desired output = output at Δt 50°C x (desired Δt/50)^n



Quotes for Kristal valves

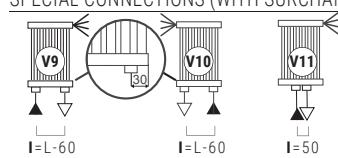


STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda= In Out Airvent H Height I Pipe Centres

SPECIAL CONNECTIONS (WITH SURCHARGE)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR ROSY MAX

ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION		
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	Numero elements	Height in cm	Article code of the connection	Article code of the colour	Constant value	In case of the radiator:	RX50	ROSY MAX
AAAA	BB	CCC	DDD	EEE	A	RX50	12	180	V01	R01	A	12 elements (see the table shown on the side)	12	

ACCESSORIES

Kristal valve square With thermostatic option White R01 - ral 9010	Kristal valve square Pipe centres 50 mm left white R01 - ral 9010	White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161	Copper conn. Ø 12/14/15 Art. nr. 5991990311186 Multilayer conn. Ø 16 Art. nr. 5991990311185	(Kit 2 pieces) Art. nr. 5035270710016

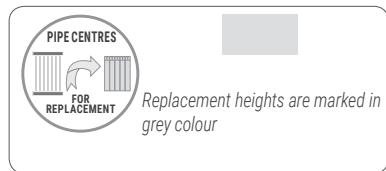
If ordered separately from the radiator, the accessories are available in standard white only.

ROSY MAX

Height H [mm]	390	540	640	840	940	1800	2000
WIDTH L [mm] N° El.	Watt $\Delta t=50^\circ\text{C}$						
274 5	347	443	507	653	699	1250	1378
330 6	417	532	609	784	839	1500	1653
386 7	486	621	710	914	979	1750	1929
442 8	556	709	812	1045	1119	2000	2205
498 9	625	798	913	1175	1259	2250	2480
554 10	695	887	1015	1306	1399	2500	2756
610 11	764	975	1116	1437	1539	2750	3031
666 12	833	1064	1218	1567	1678	3000	3307
722 13	903	1153	1319	1698	1818	3250	3582
778 14	972	1241	1420	1828	1958	3500	3858
834 15	1042	1330	1522	1959	2098		
890 16	1111	1419	1623	2090	2238		
946 17	1181	1507	1725	2220	2378		
1002 18	1250	1596	1826	2351	2518		
1058 19	1320	1684	1928	2481	2657		
1114 20	1389	1773	2029	2612	2797		
1170 21	1459	1862	2131	2743	2937		
1226 22	1528	1950	2232	2873	3077		
1282 23	1597	2039	2334	3004	3217		
1338 24	1667	2128	2435	3134	3357		
1394 25	1736	2216	2536				
1450 26	1806	2305	2638				
1506 27	1875	2394	2739				
1562 28	1945	2482	2841				
1618 29	2014	2571	2942				
1674 30	2084	2660	3044				
1730 31	2153	2748	3145				
1786 32	2222	2837	3247				



HEIGHTS 1800 AND 2000 INCLUDES LATERAL CARTER



ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS AND FAN HEATER

INOX RANGE

LIVING DESIGN RADIATORS

VENTILATED RADIATORS

MY WAY® SYSTEM

ACCESSORIES AND TECHNICAL SUPPORT



ROSY PICTURE



page 170



EN 442-1
EURONORM
RADIATORS AND CONVECTORS

CERTIFIQUE MANDATIF
NF
Radiators, convectors and ceiling-mounted radiant panels, hot water heating, fan assisted and mixed

EUROPEAN
WARRANTY



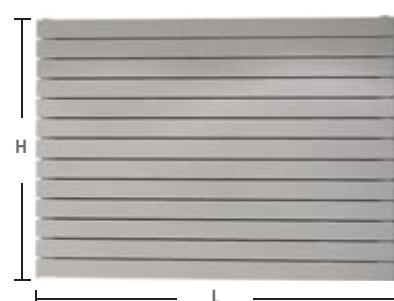
Customise

- **Rosy**
- **Rosy Tandem**
- **Rosy Max**

radiators with your favourite pictures, forever imprinted on the surface.

MAXIMUM DIMENSIONS AVAILABLE

One of the two sides can not exceed measure of
896 mm



For technical features and connections see:
ROSY see page 412-414
ROSY TANDEM see page 416-418
ROSY MAX see page 420
 20% overcharge on the standard version.
ROSY +200%
ROSY TANDEM +100%
ROSY MAX +100%

HOW TO ORDER (CUSTOM IMAGES)

- Choose ROSY / ROSY TANDEM / ROSY MAX model
- Select the vertical or horizontal version, the desired radiator size (H and L) and the connection type.
- Send your high resolution image (300 dpi - jpg, tiff, eps file), or your real picture. (Material used for rendering will not be given back).
- Send the related acquaintance to Cordivari dealer (All images sent by customer must respect all relevant rules of copyright).
- Our graphic team will resize the desired image on the selected radiator
- Approve the pdf preview and order.



HOW TO ORDER (STANDARD IMAGES)

- Choose ROSY / ROSY TANDEM / ROSY MAX model
- Select the vertical or horizontal version, the desired radiator size (H and L) and the connection type.
- Choose a picture from our image gallery.
- Our graphic team will resize the desired image on the selected radiator
- Approve the pdf preview and order.

ROSY PICTURE

IMAGE GALLERY



Rosy Picture® radiators are made in painted mild steel using a unique and everlasting painting process. The Rosy Picture® painting process has been awarded by ANVER (Italian Painters Association), during "Polveri 2001" Exhibition (Verona, Italy), where it stood out for its innovation, high quality finishing and eco-friendly approach.

PICTURES BY: PIERO & ITALO DEL GOVERNATORE - ITALCOLOR



FISHER (P09)



BAY (P10)



SHORE (P11)

IMAGES



LANDSCAPE (P99)



LAGO (P99)



RIVER (P18)



THE KISS
(P99)



SILHOUETTE
(P01)



IRIS 03
(P27)



PARIS
(P99)

FRAME SEASON - ARTWORK BY MARIANO MORONI



ABSTRACT 01
(G11)



ABSTRACT 02
(G12)



ABSTRACT 03
(G13)



ABSTRACT 04
(G14)



ABSTRACT 05
(G15)



ABSTRACT 06
(G16)

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

ACCESSORIES
AND TECHNICAL
SUPPORT

MY WAY®
SYSTEM

MODELS FOR
REPLACEMENT



ROSY MIRROR



page 172

EUROPEAN
WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel Ø 38 mm.
- Vertical heating elements in painted mild steel 50x10 mm.
- Mirror

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.

For other colours price has to be increased by 30%.

Colour chart: see page 540

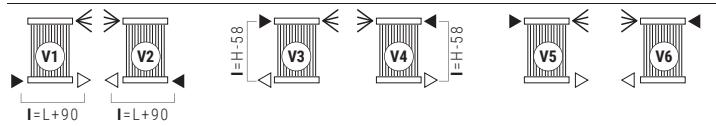
ACCESSORIES:

See page 508

Functioning:	<input checked="" type="checkbox"/> Hot water	
--------------	---	--

P. Max: 5 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda=



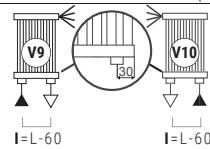
Out

Airvent

H Height

I Pipe Centres

SPECIAL CONNECTIONS (WITH SURCHARGE)



Always specify the kind of connection needed when ordering.

Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR ROSY MIRROR

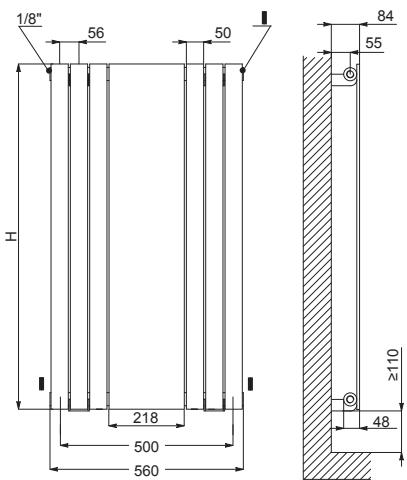
ARTICLE NR. STRUCTURE	Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value	EXAMPLE	Radiator model	Numero elements	Height in cm	Article code of the connection	Article code of the colour	Constant value	EXAMPLE OF ARTICLE CODE CREATION
AAAA BB CCC DDD EEE A							MS50	Eg.: Rosy mirror lateral mirror on the left	E.g.: 6 elements	Example: 1800 mm	E.g.: connection V1	E.g.: colour R01-White	A	In the case of a radiator: MS50 . ROSY.mirror lateral mirror on the left (see the table shown on the side) 06 ... 6 elements 180 ... Height 1800 mm (see the table shown on the side) V01 ... connection V1 R01 ... colour R01-White (see page 540) A ... (Constant value) The article code will be: MS50 06 180 V01 R01 A

ACCESSORIES

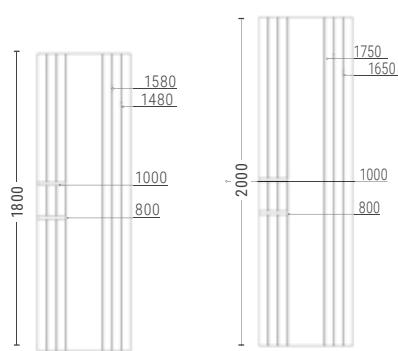
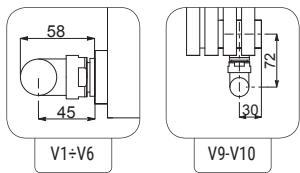
If ordered separately from the radiator, the accessories are available in standard white only.

	Kristal valve square With thermostatic option White R01 - ral 9010	KIT 2 WOODEN SHELVES - 162 x 100 mm	KIT 2 WOODEN SHELVES - 218 x 100 mm
	Copper conn. Ø 12/14/15 Art. nr. 5991990311161	 Finishing Art. nr. White 5991990500006 Bay Oak 5991990500005 Wengé 5991990500007 For ROSY MIRROR central mirror	 Finishing Art. nr. White 5991990500009 Bay Oak 5991990500008 Wengé 5991990500010 For ROSY MIRROR lateral mirror

VERSION WITH CENTRAL MIRROR - MC50

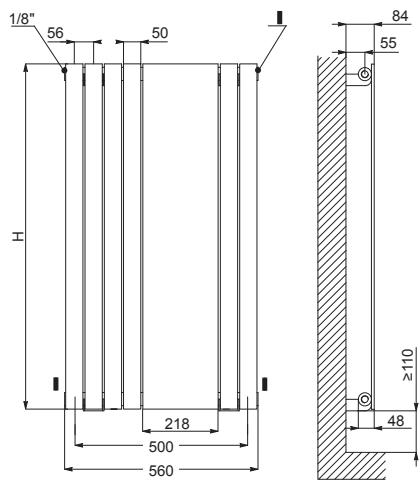


Quotes for Kristal valves

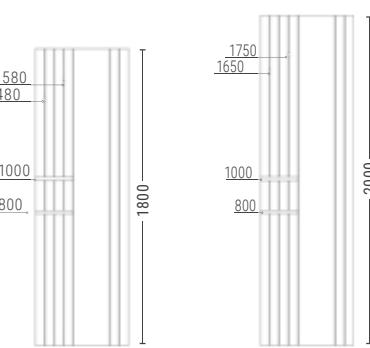
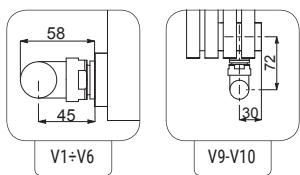


Positioning decorative accessories shelves & coat racks

VERSION WITH MIRROR ON THE RIGHT SIDE - MD50

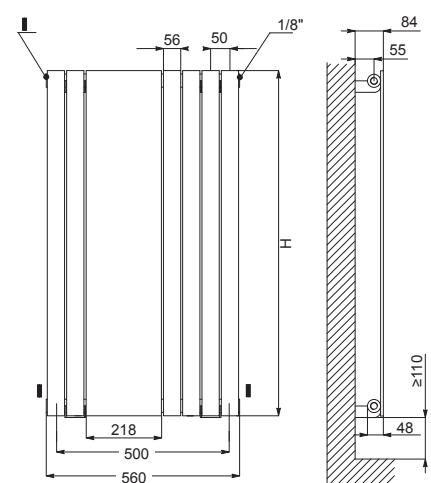


Quotes for Kristal valves

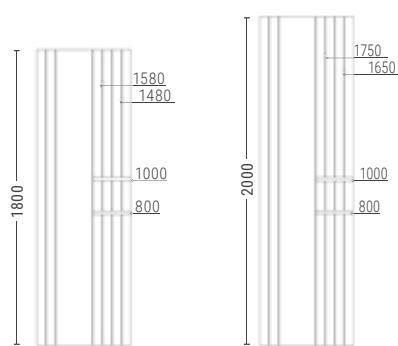
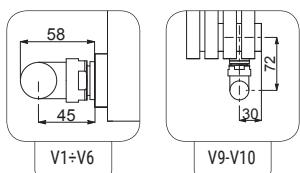


Positioning decorative accessories shelves & coat racks

VERSION WITH MIRROR ON THE LEFT SIDE - MS50



Quotes for Kristal valves



Positioning decorative accessories shelves & coat racks

ROSY MIRROR

Height [mm]	WIDTH L [mm]	Pipe Centres l [mm]	central mirror	LATERAL MIRROR ON THE RIGHT	LATERAL MIRROR ON THE LEFT	Dry Weight [Kg]	Surface [m ²]	Water content [lt]	$\Delta t=50^\circ\text{C}$	$\Delta t=30^\circ\text{C}$	Exp. n	Thermal output [Watt]	MY WAY® SYSTEM	MODELS FOR REPLACEMENT	VENTILATED RADIATORS	LIVING DESIGN RADIATORS	INOX RANGE	ELECTRIC RADIATORS AND FAN HEATER	TOWEL RAILS	ARDESIA®
1800	560	500	MC50	MD50	MS50	22,4	1,43	5	684	355	1,2840									
2000	560	500				24,6	1,57	5,5	756	397	1,2626									

Art. nr. are referred to colour WHITE R01 - RAL 9010 version.

For output at different Δt than 50°C , please refer to the following formula: desired output = output at $\Delta t 50^\circ\text{C} \times (\text{desired } \Delta t/50)^\text{n}$



KEIRA VERTICAL



page 174

EUROPEAN WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel Ø 38 mm.
- Vertical heating elements in painted mild steel 10 x 50 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

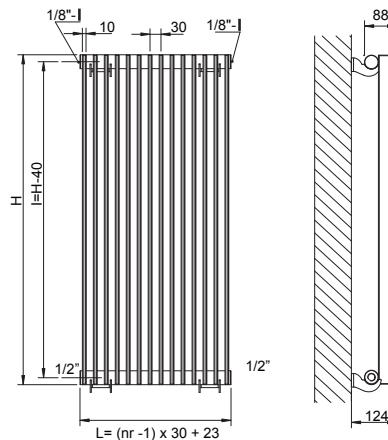
P. Max: 5 bar	Functioning: hot water	T. Max: 110°C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	---------------	--

Height H [mm]	540	640	740	840	940	1400	1600	1800	1900
Therm. output per el. Δt = 50 °C [Watt]	31,1	35,8	40,5	45,2	49,9	72,3	82,5	92,9	98,3
Dry Weight per section [kg]	0,652	0,761	0,869	0,978	1,086	1,586	1,803	2,020	2,129
Element Water content [lt]	0,255	0,291	0,327	0,364	0,400	0,566	0,639	0,711	0,747
Element surface [m²]	0,072	0,084	0,096	0,108	0,120	0,175	0,199	0,223	0,235
Exp. n	1,2273	1,2320	1,2367	1,2414	1,2419	1,2700	1,2802	1,2757	1,2735
Pipe Centres l [mm] (V3-V4 only)	500	600	700	800	900	1360	1560	1760	1860

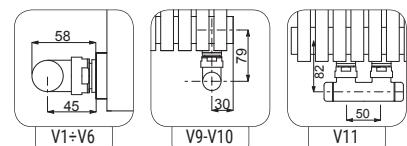
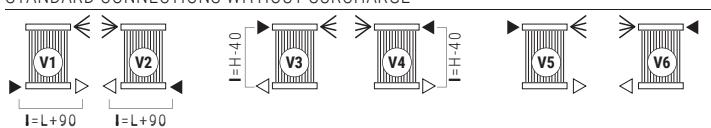
For output at different Δt than 50°C, please refer to the following formula:

$$\text{desired output} = \text{output at } \Delta t = 50^\circ\text{C} \times (\text{desired } \Delta t / 50)^n$$

Height H [mm]	2000	2200
Therm. output per el. Δt = 50 °C [Watt]	103,8	115,1
Dry Weight per section [kg]	2,238	2,455
Element Water content [lt]	0,783	0,856
Element surface [m²]	0,247	0,271
Exp. n	1,2712	1,2957
Pipe Centres l [mm] (V3-V4 only)	1960	2160



Quotes for Kristal valves

**STANDARD CONNECTIONS WITHOUT SURCHARGE**

Legenda=



Airvent

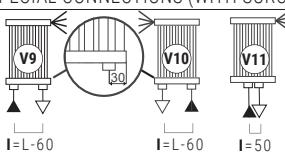
H Height

I Pipe Centres

L WIDTH



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available

SPECIAL CONNECTIONS (WITH SURCHARGE)**HOW TO ORDER THE RADIATOR KEIRA VERTICAL**

ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION	
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model E.g.: Keira vertical	Numero elements E.g.: 24 elements	Height in cm Example: 1400 mm	Article code of the connection Example: connection V2	Article code of the colour Example: S16 - Canary	Constant value	In case of the radiator: KE10 KEIRA VERTICAL	24 24 elements (see the table shown on the side)
AAAA	BB	CCC	DDD	EEE	A	KE10	24	140	V02	S16	A	24 24 elements (see the table shown on the side)	140 Height 1400 mm (see the table shown on the side)

ACCESSORIES

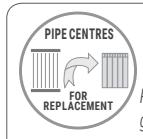
If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010	Kristal valve square Pipe centres 50 mm left white R01 - ral 9010	White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160	Copper conn. Ø 12/14/15 Art. nr. 5991990311186 Multilayer conn. Ø 16 Art. nr. 5991990311185	(Kit 2 pieces) Art. nr. 5035270710016

KEIRA VERTICAL

All intermediate sizes are available for widths from 9 to 48 elements and heights from 540 to 2200 mm

Height H [mm]	540	640	740	840	940	1400	1600	1800	1900
WIDTH L [mm]	N° El.	Watt Δt=50°C							
263	9	280	322	365	407	449	651	743	836
293	10	311	358	405	452	499	723	825	929
323	11	342	394	446	497	549	795	908	1022
353	12	373	430	486	542	599	868	990	1115
383	13	404	465	527	588	649	940	1073	1208
413	14	435	501	567	633	699	1012	1155	1301
443	15	467	537	608	678	749	1085	1238	1394
473	16	498	573	648	723	799	1157	1320	1486
503	17	529	609	689	768	849	1229	1403	1579
533	18	560	644	729	814	898	1301	1485	1671
563	19	591	680	770	859	948	1374	1568	1769
593	20	622	716	810	904	998	1446	1650	1868
623	21	653	752	851	949	1048	1518	1733	
653	22	684	788	891	994	1098	1591		
683	23	715	823	932	1040	1148			
713	24	746	859	972	1085	1198			
743	25	778	895	1013	1130	1248			
773	26	809	931	1053	1175	1298			
803	27	840	967	1094	1220	1348			
833	28	871	1002	1134	1266	1398			
863	29	902	1038	1175	1311	1447			
893	30	933	1074	1215	1356	1497			
923	31	964	1110	1256	1401	1547			
953	32	995	1146	1296	1446	1597			
983	33	1026	1181	1337	1492	1647			
1013	34	1057	1217	1377	1537	1697			
1043	35	1089	1253	1418	1582	1747			
1073	36	1120	1289	1458	1627	1797			
1103	37	1151	1325	1499	1672	1847			
1133	38	1182	1360	1539	1718	1897			
1163	39	1213	1396	1580	1763	1947			
1193	40	1244	1432	1620	1808	1997			
1223	41	1275	1468	1661	1853	2046			
1253	42	1306	1504	1701	1898				
1283	43	1337	1539	1742					
1313	44	1368	1575	1782					
1373	46	1431	1647						
1433	48	1493							



Replacement heights are marked in grey colour

Height H [mm]	2000	2200	
WIDTH L [mm]	N° El.	Watt Δt=50°C	Watt Δt=50°C
263	9	934	1036
293	10	1038	1151
323	11	1142	1266
353	12	1246	1381
383	13	1349	1496
413	14	1453	1611
443	15	1557	1727
473	16	1661	1842
503	17	1765	
533	18	1868	

ARDÈSIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

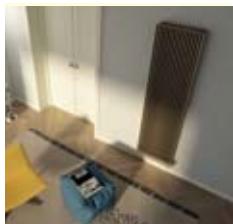
INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MY WAY®
SYSTEM

ACCESSORIES
AND TECHNICAL
SUPPORT



KEIRA TANDEM VERTICAL



page 176

EUROPEAN
WARRANTY**MATERIAL:**

- Horizontal collectors in painted mild steel Ø 38 mm.
- Double vertical heating elements in painted mild steel rettangolari 10 x 50 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

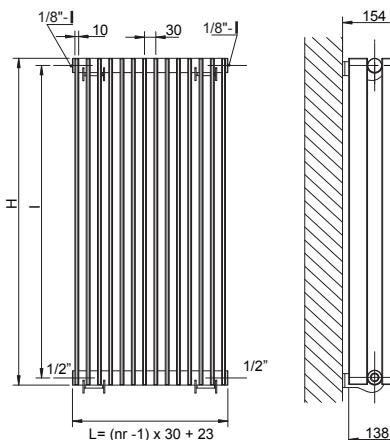
P. Max: 5 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	----------------	--

Height H [mm]	540	640	740	840	940	1400	1600	1800	1900
Therm. output per el. Δt = 50 °C [Watt]	52,7	60,6	68,4	76,1	83,8	118,8	133,9	149,2	156,8
Dry Weight per section [kg]	1,238	1,456	1,673	1,89	2,107	3,107	3,541	3,976	4,193
Element Water content [lt]	0,45	0,523	0,595	0,667	0,74	1,073	1,217	1,362	1,434
Element surface [m²]	0,137	0,161	0,185	0,209	0,233	0,343	0,391	0,439	0,463
Exp. n	1,393	1,3924	1,3918	1,3912	1,2874	1,3906	1,39	1,3894	1,3888
Pipe Centres l [mm] (V3-V4 only)	500	600	700	800	900	1360	1560	1760	1860

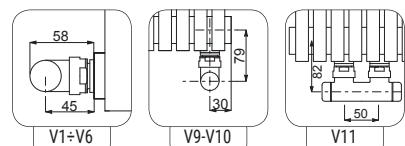
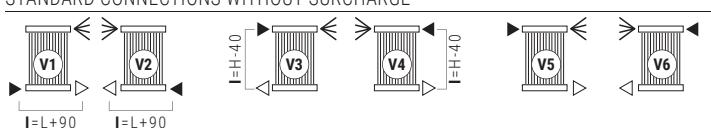
For output at different Δt than 50°C, please refer to the following formula:

$$\text{desired output} = \text{output at } \Delta t 50^\circ \text{C} \times (\text{desired } \Delta t / 50)^n$$

Height H [mm]	2000	2200
Therm. output per el. Δt = 50 °C [Watt]	164,5	180,1
Dry Weight per section [kg]	4,41	4,844
Element Water content [lt]	1,507	1,651
Element surface [m²]	0,487	0,535
Exp. n	1,3882	1,3876
Pipe Centres l [mm] (V3-V4 only)	1960	2160



Quotes for Kristal valves

**STANDARD CONNECTIONS WITHOUT SURCHARGE**

Legenda=

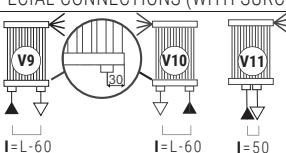


Airvent

H Height

I Pipe Centres

L WIDTH

SPECIAL CONNECTIONS (WITH SURCHARGE)

Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR KEIRA TANDEM VERTICAL

ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION										
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	Numero elements	Height in cm	Article code of the connection	Article code of the colour	Constant value	In case of a radiator:	KT10	24	140	V02	S16	A				
AAAA	BB	CCC	DDD	EEE	A	E.g.: Keira tandem vertical	E.g.: 24 elements	Example: 1400 mm	Example: connection V2	Example: S16 - Canary	A	KT10 KEIRA TANDEM VERTICAL	24	24 elements (see the table shown on the side)	140	Height 1400 mm (see the table shown on the side)	V02	connection V2	S16	colour S16 - Canary (see page 540)	A	(Constant value)

ACCESSORIES

Kristal valve square With thermostatic option White R01 - ral 9010	Kristal valve square Pipe centres 50 mm left white R01 - ral 9010	White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160	Copper conn. Ø 12/14/15 Art. nr. 5991990311186 Multilayer conn. Ø 16 Art. nr. 5991990311185	(Kit 2 pieces) Art. nr. 5035270710016

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508

KEIRA TANDEM VERTICAL

All intermediate sizes are available for widths from 9 to 48 elements and heights from 540 to 2200 mm

Height H [mm]	540	640	740	840	940	1400	1600	1800	1900
WIDTH L [mm]	N° El.	Watt Δt=50°C							
263	9	474	545	616	685	754	1069	1205	1343
293	10	527	606	684	761	838	1188	1339	1492
323	11	580	667	752	837	922	1307	1473	1641
353	12	632	727	821	913	1006	1426	1607	1790
383	13	685	788	889	989	1089	1544	1741	1940
413	14	738	848	958	1065	1173	1663	1875	2195
443	15	791	909	1026	1142	1257	1782	2009	2238
473	16	843	970	1094	1218	1341	1901	2142	2387
503	17	896	1030	1163	1294	1424	2020	2276	2536
533	18	949	1091	1231	1370	1508	2138	2410	2686
563	19	1001	1151	1300	1446	1592	2257	2544	2835
593	20	1054	1212	1368	1522	1676	2376	2678	2979
623	21	1107	1273	1436	1598	1760	2495	2812	
653	22	1159	1333	1505	1674	1843	2614		
683	23	1212	1394	1573	1750	1927			
713	24	1265	1454	1642	1826	2011			
743	25	1318	1515	1710	1903	2095			
773	26	1370	1576	1778	1979	2179			
803	27	1423	1636	1847	2055	2262			
833	28	1476	1697	1915	2131	2346			
863	29	1528	1757	1984	2207	2430			
893	30	1581	1818	2052	2283	2514			
923	31	1634	1879	2120	2359	2598			
953	32	1686	1939	2189	2435	2681			
983	33	1739	2000	2257	2511	2765			
1013	34	1792	2060	2326	2587	2849			
1043	35	1845	2121	2394	2664	2933			
1073	36	1897	2182	2462	2740	3017			
1103	37	1950	2242	2531	2816	3100			
1133	38	2003	2303	2599	2892	3184			
1163	39	2055	2363	2668	2968	3268			
1193	40	2108	2424	2736	3044	3352			
1223	41	2161	2485	2804	3120				
1253	42	2213	2545	2873	3196				
1283	43	2266	2606	2941					
1313	44	2319		2666					
1373	46	2424		2788					
1433	48	2530							



Replacement heights are marked in grey colour

Height H [mm]	2000	2200	
WIDTH L [mm]	N° El.	Watt Δt=50°C	Watt Δt=50°C
263	9	1481	1621
293	10	1645	1801
323	11	1810	1981
353	12	1974	2161
383	13	2139	2341
413	14	2303	2521
443	15	2468	2702
473	16	2632	2882
503	17	2797	
533	18	2961	

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MY WAY®
SYSTEM

ACCESSORIES
AND TECHNICAL
SUPPORT



KARIN VX VERTICAL



page 180
EUROPEAN
WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel Ø 30 mm.
- Vertical heating elements in painted mild steel 15x20 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

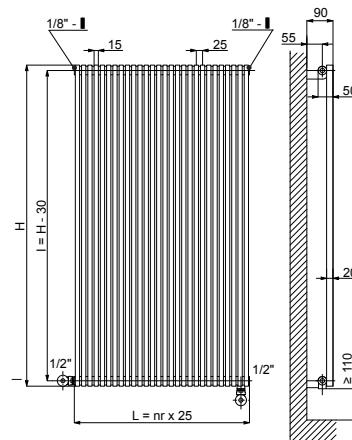
See page 508

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	----------------	--

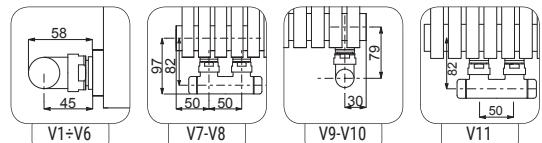
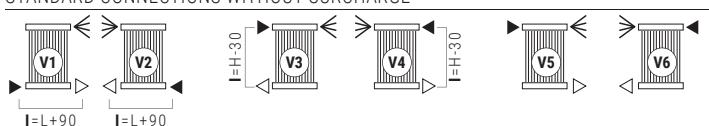
Height H [mm]	500	600	800	1000	1200	1400	1500	1600	1700
Therm. output per el. Δt = 50 °C [Watt]	21,1	25,0	32,6	39,9	46,9	53,7	57,1	60,3	63,3
Dry Weight per section [kg]	0,333	0,389	0,501	0,613	0,725	0,837	0,893	0,949	1,005
Element Water content [lt]	0,140	0,162	0,206	0,250	0,295	0,339	0,361	0,383	0,406
Element surface [m²]	0,040	0,047	0,061	0,075	0,089	0,103	0,110	0,117	0,124
Exp. n	1,2691	1,2708	1,2742	1,2725	1,2708	1,2691	1,2682	1,2673	1,2664
Pipe Centres l [mm] (V3-V4 only)	470	570	770	970	1170	1370	1470	1570	1670

For output at different Δt than 50°C, please refer to the following formula:
desired output = output at Δt 50°C x (desired Δt/50)ⁿ

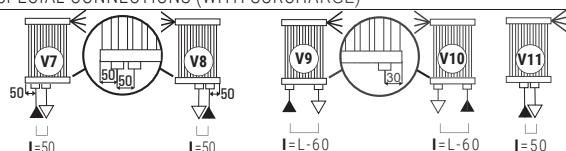
Height H [mm]	1800	1900	2000	2200	2300	2500
Therm. output per el. Δt = 50 °C [Watt]	66,7	69,9	72,9	78,9	81,9	87,6
Dry Weight per section [kg]	1,061	1,117	1,173	1,285	1,341	1,453
Element Water content [lt]	0,428	0,450	0,472	0,516	0,539	0,583
Element surface [m²]	0,131	0,138	0,145	0,159	0,166	0,180
Exp. n	1,2656	1,2698	1,2739	1,2823	1,2865	1,2948
Pipe Centres l [mm] (V3-V4 only)	1770	1870	1970	2170	2270	2470



Quotes for Kristal valves


STANDARD CONNECTIONS WITHOUT SURCHARGE


Legenda= ► In □ Out ◀ Airvent H Height I Pipe Centres L WIDTH

SPECIAL CONNECTIONS (WITH SURCHARGE)


Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR KARIN VX VERTICAL

ARTICLE NR. STRUCTURE					
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A
EXAMPLE					
KA15	24	160	V03	S16	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

KA15 KARIN VX VERTICAL

24 24 elements (see the table shown on the side)

160 Height 1600 mm (see the table shown on the side)

V03 connection V3

S16 colour S16 - Canary (see page 540)

A (Constant value)

The article code will be:

KA15 24 160 V03 S16 A

ACCESSORIES

Kristal valve square With thermostatic option White R01 - ral 9010	Kit 2 Hooks WHITE RAL 9010 - R01	White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160	Art. nr. 5991990310391	(Kit 2 pieces) Art. nr. 5035270710016

KARIN VX VERTICAL

All intermediate sizes are available for widths from 8 to 72 elements and heights from 500 to 2500 mm

Height H [mm]	500	600	800	1000	1200	1400	1500	1600	1700
WIDTH L [mm]	N° El.	Watt Δt=50°C							
200	8	169	200	261	319	375	430	457	482
250	10	211	250	326	399	469	537	571	603
300	12	253	300	391	479	563	644	685	724
350	14	295	350	456	559	657	752	799	844
400	16	338	400	522	638	750	859	914	965
450	18	380	450	587	718	844	967	1028	1085
500	20	422	500	652	798	938	1074	1142	1206
550	22	464	550	717	878	1032	1181	1256	1327
600	24	506	600	782	958	1126	1289	1370	1447
650	26	549	650	848	1037	1219	1396	1485	1568
700	28	591	700	913	1117	1313	1504	1599	1688
750	30	633	750	978	1197	1407	1611	1713	1809
800	32	675	800	1043	1277	1501	1718	1827	1930
850	34	717	850	1108	1357	1595	1826	1941	2050
900	36	760	900	1174	1436	1688	1933	2056	2171
950	38	802	950	1239	1516	1782	2041	2170	2291
1000	40	844	1000	1304	1596	1876	2148	2284	2412
1050	42	886	1050	1369	1676	1970	2255	2398	2533
1100	44	928	1100	1434	1756	2064	2363	2512	2653
1150	46	971	1150	1500	1835	2157	2470	2627	2774
1200	48	1013	1200	1565	1915	2251	2578	2741	2894
1250	50	1055	1250	1630	1995	2345	2685	2855	3015
1300	52	1097	1300	1695	2075	2439	2792	2969	3136
1350	54	1139	1350	1760	2155	2533	2900	3083	3256
1400	56	1182	1400	1826	2234	2626	3007	3198	3377
1450	58	1224	1450	1891	2314	2720	3115	3312	3497
1500	60	1266	1500	1956	2394	2814	3222	3426	3618
1550	62	1308	1550	2021	2474	2908	3329	3540	3739
1600	64	1350	1600	2086	2554	3002	3437	3654	3859
1650	66	1393	1650	2152	2633	3095	3544	3769	3980
1700	68	1435	1700	2217	2713	3189	3652	3883	4100
1750	70	1477	1750	2282	2793	3283	3759	3997	4221
1800	72	1519	1800	2347	2873	3377	3866	4111	4342

ARDÈSIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

MY WAY®
SYSTEM

ACCESSORIES
AND TECHNICAL
SUPPORT

Height H [mm]	1800	1900	2000	2200	2300	2500
WIDTH L [mm]	N° El.	Watt Δt=50°C				
200	8	534	559	583	631	655
250	10	667	699	729	789	819
300	12	800	839	875	947	983
350	14	934	979	1021	1105	1147
400	16	1067	1118	1166	1262	1310
450	18	1201	1258	1312	1420	1474
500	20	1334	1398	1458	1578	1638
550	22	1467	1538	1604	1736	1802
600	24	1601	1678	1750	1894	1966
650	26	1734	1817	1895	2051	2129
700	28	1868	1957	2041	2209	2293
750	30	2001	2097	2187	2367	2457
800	32	2134	2237	2333	2525	2621
850	34	2268	2377	2479	2683	2785
900	36	2401	2516	2624	2840	2948
950	38	2535	2656	2770	2998	3112
1000	40	2668	2796	2916	3156	3276
1050	42	2801	2936	3062	3314	3440
1100	44	2935	3076	3208	3472	3604
1150	46	3068	3215	3353	3629	3767
1200	48	3202	3355	3499	3787	3931
1250	50	3335	3495	3645	3945	4095
1300	52	3468	3635	3791	4103	4259
1350	54	3602	3775	3937	4261	4423
1400	56	3735	3914	4082	4418	4586
1450	58	3869	4054	4228	4576	4750
1500	60	4002	4194	4374	4734	4914
1550	62	4135	4334	4520	4892	5078
1600	64	4269	4474	4666	5050	5242
1650	66	4402	4613	4811	5207	5405
1700	68	4536	4753	4957	5365	5569
1750	70	4669	4893	5103	5523	5733
1800	72	4802	5033	5249	5681	5897



KARIN VX HORIZONTAL



EN 442-1
EURO NORM
RADIATORS AND CONVECTORS



page 182

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel Ø 30 mm.
- Horizontal heating elements in painted mild steel, 15x20 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice. The kit is certified from TÜV in compliance with

VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

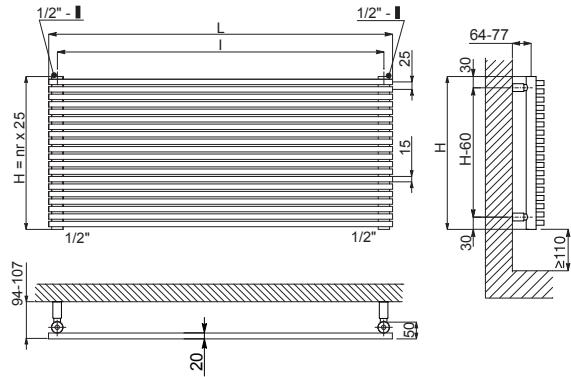
See page 508

P. Max: 8 bar	Functioning: hot water	T. Max: 110 °C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

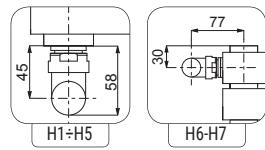
WIDTH L [mm]	500	600	800	1000	1200	1400	1500	1600	1700
Dry Weight per section [kg]	0,333	0,389	0,501	0,613	0,725	0,837	0,893	0,949	1,005
Element Water content [lt]	0,140	0,162	0,206	0,250	0,295	0,339	0,361	0,383	0,406
Element surface [m ²]	0,040	0,047	0,061	0,075	0,089	0,103	0,110	0,117	0,124
Pipe Centres l [mm] (H1 only)	470	570	770	962	1170	1370	1470	1570	1670

For output at different Δt than 50°C, please refer to the following formula:
desired output = output at Δt 50°C x (desired Δt/50)ⁿ

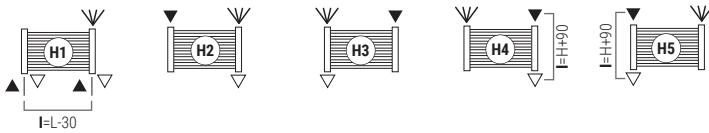
WIDTH L [mm]	1800	1900	2000	2200	2300	2500
Dry Weight per section [kg]	1,061	1,117	1,173	1,285	1,341	1,453
Element Water content [lt]	0,428	0,450	0,472	0,516	0,539	0,583
Element surface [m ²]	0,131	0,138	0,145	0,159	0,166	0,180
Pipe Centres l [mm] (H1 only)	1770	1870	1970	2170	2270	2470



Quotes for Kristal valves



STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda=



Airvent

H Height

I Pipe Centres

L WIDTH



Always specify the kind of connection needed when ordering.

Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR KARIN VX HORIZONTAL

ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION	
Radiator model	Elements nr.	WIDTH in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	Numero elements	WIDTH in cm	Article code of the connection	Article code of the colour	Constant value	In case of a radiator:	KA15 KARIN VX HORIZONTAL
AAAA	BB	CCC	DDD	EEE	A	KA15	24	160	H07	S16	A	24 elements (see the table shown on the side)	24 elements (see the table shown on the side)

ACCESSORIES

Kristal valve square With thermostatic option White R01 - ral 9010	Kristal valve corner right with thermostatic option white R01 - ral 9010	White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160	Copper conn. Ø 12/14/15 Art. nr. 5991990311176 Multilayer conn. Ø 16 Art. nr. 5991990311175	(Kit 2 pieces) Art. nr. 5035270710016

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508

KARIN VX HORIZONTAL

All intermediate sizes are available for widths from 8 to 44 elements and heights from 500 to 2500 mm

WIDTH L [mm]	500	600	800	1000	1200	1400	1500	1600	1700	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C								
200	8	169	202	270	337	404	472	506	539	573
250	10	211	253	338	422	507	591	633	676	718
300	12	252	302	403	504	604	705	755	806	856
350	14	290	348	464	580	696	812	870	928	986
400	16	327	393	524	655	786	917	982	1047	1113
450	18	364	436	582	727	872	1018	1091	1163	1236
500	20	399	478	638	797	957	1116	1196	1276	1356
550	22	433	519	693	866	1039	1212	1298	1385	1472
600	24	466	559	745	932	1118	1304	1398	1491	1584
650	26	498	597	797	996	1195	1394	1494	1593	1693
700	28	529	635	846	1058	1269	1481	1587	1692	1798
750	30	559	671	894	1118	1341	1565	1676	1788	1900
800	32	588	705	940	1175	1411	1646	1763	1881	1998
850	34	616	739	985	1231	1477	1724	1847	1970	2093
900	36	642	771	1028	1285	1542	1799	1927	2056	2184
950	38	668	802	1069	1336	1603	1871	2004	2138	2272
1000	40	693	831	1108	1386	1663	1940	2078	2217	2356
1050	42	716	860	1146	1433	1720	2006	2149	2293	2436
1100	44	739	887	1183	1478	1774	2069	2217	2365	2513

WIDTH L [mm]	1800	1900	2000	2200	2300	2500	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C					
200	8	607	640	674	742	775	843
250	10	760	802	845	929	971	1056
300	12	906	957	1007	1108	1158	1259
350	14	1044	1102	1160	1276	1334	1450
400	16	1178	1244	1309	1440	1506	1637
450	18	1309	1381	1454	1600	1672	1818
500	20	1435	1515	1595	1754	1834	1993
550	22	1558	1645	1731	1904	1991	2164
600	24	1677	1770	1864	2050	2143	2329
650	26	1792	1892	1992	2191	2290	2490
700	28	1904	2010	2116	2327	2433	2644
750	30	2012	2124	2235	2459	2571	2794
800	32	2116	2233	2351	2586	2703	2939
850	34	2216	2339	2462	2708	2832	3078
900	36	2312	2441	2569	2826	2955	3212
950	38	2405	2539	2672	2940	3073	3341
1000	40	2494	2633	2771	3048	3187	3464
1050	42	2579	2723	2866	3152	3296	3582
1100	44	2661	2808	2956	3252	3400	3695

ARDÈSIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

MY WAY®
SYSTEM

ACCESSORIES
AND TECHNICAL
SUPPORT



KARIN VX TANDEM VERTICAL



page 184

EUROPEAN WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel Ø 30 mm.
- Double vertical heating elements in painted mild steel, rettangolari 15x20 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

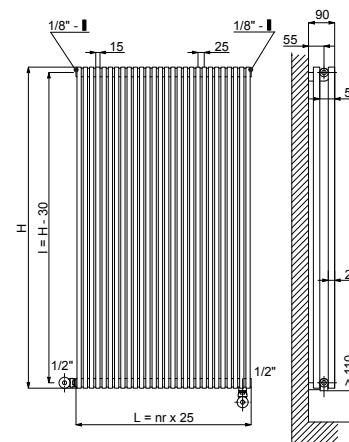
P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	----------------	--

Height H [mm]	500	530	600	630	800	830	930	1000	1200
Therm. output per el. Δt = 50 °C [Watt]	32,7	34,8	38,3	40,4	49,0	50,6	56,1	59,1	68,7
Dry Weight per section [kg]	0,607	0,646	0,725	0,758	0,949	0,982	1,094	1,173	1,397
Element Water content [lt]	0,249	0,264	0,295	0,308	0,383	0,397	0,441	0,472	0,561
Element surface [m²]	0,074	0,079	0,089	0,093	0,117	0,121	0,135	0,145	0,173
Exp. n	1,2990	1,3396	1,3047	1,3373	1,3161	1,3520	1,3304	1,3209	1,3258
Pipe Centres l [mm] (V3-V4 only)	470	500	570	600	770	800	900	970	1170

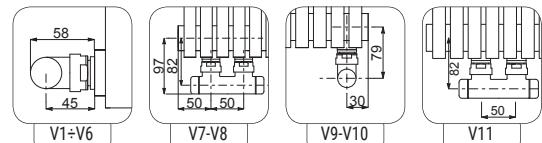
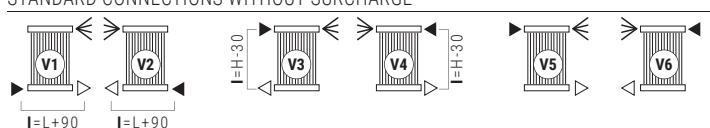
For output at different Δt than 50°C, please refer to the following formula:

$$\text{desired output} = \text{output at } \Delta t = 50^\circ\text{C} \times (\text{desired } \Delta t / 50)^n$$

Height H [mm]	1400	1600	1700	1800	1900	2000	2200	2300	2500
Therm. output per el. Δt = 50 °C [Watt]	77,7	86,3	90,5	94,5	98,4	102,3	109,6	113,2	120,0
Dry Weight per section [kg]	1,621	1,845	1,957	2,069	2,181	2,293	2,517	2,629	2,853
Element Water content [lt]	0,650	0,738	0,782	0,827	0,871	0,916	1,004	1,049	1,137
Element surface [m²]	0,201	0,229	0,243	0,257	0,271	0,285	0,313	0,327	0,355
Exp. n	1,3307	1,3355	1,33797	1,3404	1,3399	1,3395	1,3385	1,3380	1,3371
Pipe Centres l [mm] (V3-V4 only)	1370	1570	1670	1770	1870	1970	2170	2270	2470



Quotes for Kristal valves

**STANDARD CONNECTIONS WITHOUT SURCHARGE**

Legenda=



Airvent

H Height

I Pipe Centres

L WIDTH



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR KARIN VX TANDEM VERTICAL

ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION					
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	E.g.: Karin VX tandem vertical	Numero elements	E.g.: 24 elements	Height in cm	Example: 1900 mm	Article code of the connection	E.g.: connection V8	Article code of the colour	E.g.: S16 - Canary	Constant value	
AAAA	BB	CCC	DDD	EEE	A	KT15	24	190	V08	S16	A	KT15	KARIN VX TANDEM VERTICAL	24	24 elements (see the table shown on the side)	24	

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010		Kristal valve square Pipe centres 50 mm left white R01 - ral 9010		White thermostatic head	
Copper conn. Ø 12/14/15 Art. nr. 5991990311161		Copper conn. Ø 12/14/15 Art. nr. 5991990311186		(Kit 2 pieces) Art. nr. 5035270710016	

KARIN VX TANDEM VERTICAL

All intermediate sizes are available for widths from 8 to 72 elements and heights from 500 to 2500 mm

Height H [mm]	500	530	600	630	800	830	930	1000	1200
WIDTH L [mm]	N° El.	Watt Δt=50°C							
200	8	262	275	306	320	392	405	445	473
250	10	327	344	383	400	490	506	557	591
300	12	392	413	460	479	588	607	668	709
350	14	458	481	536	559	686	708	779	827
400	16	523	550	613	639	784	809	890	946
450	18	589	619	689	719	882	910	1002	1064
500	20	654	688	766	799	980	1012	1113	1182
550	22	719	757	843	879	1078	1113	1224	1300
600	24	785	825	919	959	1176	1214	1336	1418
650	26	850	894	996	1039	1274	1315	1447	1537
700	28	916	963	1072	1119	1372	1416	1558	1655
750	30	981	1032	1149	1199	1470	1517	1670	1773
800	32	1046	1100	1226	1279	1568	1618	1781	1891
850	34	1112	1169	1302	1359	1666	1720	1892	2009
900	36	1177	1238	1379	1438	1764	1821	2004	2128
950	38	1243	1307	1455	1518	1862	1922	2115	2246
1000	40	1308	1376	1532	1598	1960	2023	2226	2364
1050	42	1373	1444	1609	1678	2058	2124	2337	2482
1100	44	1439	1513	1685	1758	2156	2225	2449	2600
1150	46	1504	1582	1762	1838	2254	2326	2560	2719
1200	48	1570	1651	1838	1918	2352	2428	2671	2837
1250	50	1635	1719	1915	1998	2450	2529	2783	2955
1300	52	1700	1788	1992	2078	2548	2630	2894	3073
1350	54	1766	1857	2068	2158	2646	2731	3005	3191
1400	56	1831	1926	2145	2238	2744	2832	3117	3310
1450	58	1897	1995	2221	2317	2842	2933	3228	3428
1500	60	1962	2063	2298	2397	2940	3035	3339	3546
1550	62	2027	2132	2375	2477	3038	3136	3451	3664
1600	64	2093	2201	2451	2557	3136	3237	3562	3782
1650	66	2158	2270	2528	2637	3234	3338	3673	3901
1700	68	2224	2338	2604	2717	3332	3439	3784	4019
1750	70	2289	2407	2681	2797	3430	3540	3896	4137
1800	72	2354	2476	2758	2877	3528	3641	4007	4255

Height H [mm]	1400	1600	1700	1800	1900	2000	2200	2300	2500
WIDTH L [mm]	N° El.	Watt Δt=50°C							
200	8	622	690	724	756	787	818	877	906
250	10	777	863	905	945	984	1023	1096	1132
300	12	932	1036	1086	1134	1181	1228	1315	1358
350	14	1088	1208	1267	1323	1378	1432	1534	1585
400	16	1243	1381	1448	1512	1574	1637	1754	1811
450	18	1399	1553	1629	1701	1771	1841	1973	2038
500	20	1554	1726	1810	1890	1968	2046	2192	2264
550	22	1709	1899	1991	2079	2165	2251	2411	2490
600	24	1865	2071	2172	2268	2362	2455	2630	2717
650	26	2020	2244	2353	2457	2558	2660	2850	2943
700	28	2176	2416	2534	2646	2755	2864	3096	
750	30	2331	2589	2715	2835	2952	3069		
800	32	2486	2762	2896	3024	3149			
850	34	2642	2934	3077	3213				
900	36	2797	3107	3258					
950	38	2953	3279						
1000	40	3108							
1050	42	3263							
1100	44	3419							



Replacement heights are marked in grey colour

ARDESIA®
TOWEL RAILS

INOX RANGE
ELECTRIC RADIATORS
AND FAN HEATER

LIVING
DESIGN RADIATORS
VENTILATED
RADIATORS

ACCESSORIES
AND TECHNICAL
SUPPORT
MY WAY®
SYSTEM
MODELS FOR
REPLACEMENT



KARIN VX TANDEM HORIZONTAL



page 188



EN 442-1
RADIATORS AND CONVECTORS



**EUROPEAN
WARRANTY**

MATERIAL:

- Vertical collectors in painted mild steel Ø 30 mm.
- Double horizontal heating elements in painted mild steel, 15x20 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice. The kit is certified from TÜV in compliance with

VDE 6036-class 4. hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

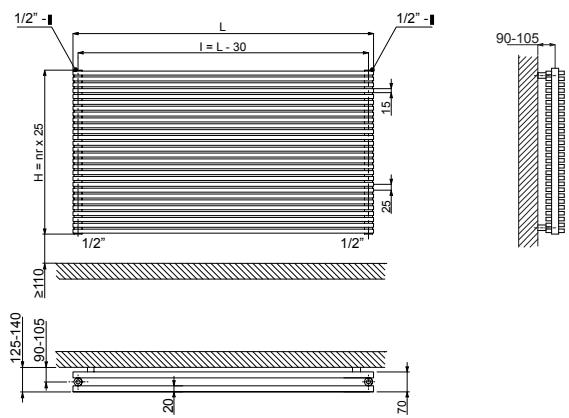
See page 508

P. Max: 8 bar	Functioning: hot water	T. Max: 110 °C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

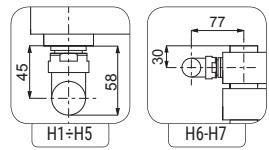
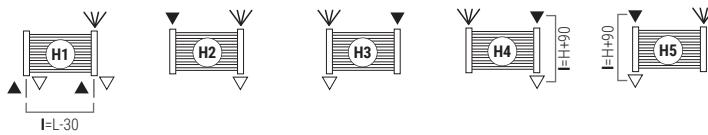
WIDTH L [mm]	500	600	800	1000	1200	1400	1500	1600	1700
Dry Weight per section [kg]	0,613	0,725	0,949	1,173	1,397	1,621	1,733	1,845	1,957
Element Water content [lt]	0,250	0,295	0,383	0,472	0,561	0,650	0,694	0,738	0,783
Element surface [m ²]	0,075	0,089	0,117	0,145	0,173	0,201	0,215	0,229	0,243
Pipe Centres I [mm] (H1 only)	470	570	770	970	1170	1370	1470	1570	1670

For output at different Δt than 50°C, please refer to the following formula:
desired output = output at Δt 50°C x (desired Δt /50)ⁿ

WIDTH L [mm]	1800	1900	2000	2200	2300	2500
Dry Weight per section [kg]	2,069	2,181	2,293	2,405	2,517	2,629
Element Water content [lt]	0,827	0,871	0,916	0,961	1,006	1,051
Element surface [m ²]	0,257	0,271	0,285	0,299	0,313	0,327
Pipe Centres I [mm] (H1 only)	1770	1870	1970	2170	2270	2470



Quotes for Kristal valves


STANDARD CONNECTIONS WITHOUT SURCHARGE


Legenda=



Airvent

H Height

I Pipe Centres

L WIDTH



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR KARIN VX TANDEM HORIZONTAL

ARTICLE NR. STRUCTURE					
Radiator model	Elements nr.	WIDTH in cm	Article code of the connection	Article code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A

EXAMPLE					
Radiator model	Numero elements	WIDTH in cm	Article code of the connection	Article code of the colour	Constant value
E.g.: Karin VX tandem horizontal	E.g.: 12 elements	Example: 1200 mm	Example: connection H4	Example: S16 - Canary	
KT15	12	120	H04	S16	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

KT15 KARIN VX TANDEM HORIZONTAL

12 12 elements (see the table shown on the side)

120 WIDTH 1200 mm (see the table shown on the side)

H04 connection H4

S16 colour S16 - Canary (see page 540)

A (Constant value)

The article code will be:

KT15 12 120 H04 S16 A

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010	Kristal valve corner right with thermostatic option white R01 - ral 9010	White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160	Copper conn. Ø 12/14/15 Art. nr. 5991990311176 Multilayer conn. Ø 16 Art. nr. 5991990311175	(Kit 2 pieces) Art. nr. 5035270710016

KARIN VX TANDEM HORIZONTAL

All intermediate sizes are available for widths from 8 to 72 elements and heights from 500 to 2500 mm

WIDTH L [mm]	500	600	800	1000	1200	1400	1500	1600	1700	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C								
200	8	294	353	471	589	707	824	883	942	1,001
250	10	347	416	555	694	833	971	1041	1110	1,180
300	12	393	472	629	786	944	1101	1179	1258	1,337
350	14	438	526	701	877	1052	1227	1315	1403	1,490
400	16	482	579	772	965	1158	1351	1447	1544	1,640
450	18	525	631	841	1051	1261	1471	1576	1681	1,787
500	20	567	681	908	1135	1362	1589	1702	1816	1,929
550	22	608	730	973	1217	1460	1704	1825	1947	2,069
600	24	648	778	1037	1297	1556	1815	1945	2075	2,204
650	26	687	825	1099	1374	1649	1924	2061	2199	2,336
700	28	725	870	1160	1450	1740	2030	2175	2320	2,465
750	30	762	914	1219	1523	1828	2133	2285	2437	2,590
800	32	797	957	1276	1595	1914	2233	2392	2552	2,711
850	34	832	998	1331	1664	1997	2330	2496	2663	2,829
900	36	866	1039	1385	1731	2078	2424	2597	2770	2,943
950	38	898	1078	1437	1796	2156	2515	2695	2874	1,1299
1000	40	930	1116	1488	1859	2231	2603	2789		1,1218
1050	42	960	1152	1536	1920	2304	2688	2880		1,1637
1100	44	990	1187	1583	1979	2375	2771			1,1556
1150	46	1018	1221	1629	2036	2443				1,1597
1200	48	1045	1254	1672	2090	2508				1,1393
1250	50	1071	1286	1714	2143	2571				1,1312
1300	52	1097	1316	1755	2193	2632				1,1231
1350	54	1121	1345	1793	2242					1,1149
1400	56	1144	1373	1830	2288					1,1068
1450	58	1166	1399	1866	2332					1,0987
1500	60	1187	1424	1899	2374					1,0906
1550	62	1207	1448	1931	2414					1,0824
1600	64	1226	1471	1961	2452					1,0743
1650	66	1244	1492	1990	2487					1,0662
1700	68	1260	1513	2017	2521					1,0581
1750	70	1276	1531	2042	2552					1,0499
1800	72	1291	1549	2065	2582					1,0418
										1,0337

ARDÈSIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

ACCESSORIES
AND TECHNICAL
SUPPORT

MY WAY®
SYSTEM

MODELS FOR
REPLACEMENT

WIDTH L [mm]	1800	1900	2000	2200	2300	2500	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C					
200	8	1060	1119	1178	1296	1354	1,2131
250	10	1249	1318	1388	1527	1596	1,2112
300	12	1415	1494	1573	1730	1808	1,2093
350	14	1578	1666	1753	1929	2016	1,1803
400	16	1737	1833	1930	2123	2219	1,1887
450	18	1892	1997	2102	2312	2417	1,1970
500	20	2043	2156	2270	2497	2610	1,2054
550	22	2190	2312	2434	2677	2799	1,2081
600	24	2334	2464	2593	2853	2982	1,2109
650	26	2474	2611	2749	3023	3161	1,2137
700	28	2610	2755	2900	3190		1,1624
750	30	2742	2894	3047			1,1543
800	32	2871	3030				1,1462
850	34	2995	2635				1,1380



ALICE 18 VERTICAL



page 190



EN 442-1
RADIATORS AND CONVECTORS



Radiators, convectors and ceiling-mounted radiant panels, hot water heating, fan assisted and mixed

EUROPEAN WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel Ø 38 mm.
- Vertical heating elements in painted mild steel Ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

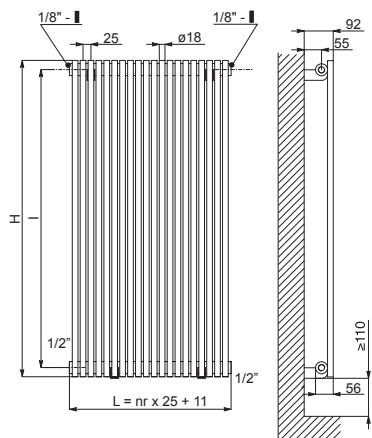
P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	----------------	--

Height H [mm]	400	500	600	700	800	1000	1200	1400	1500
Therm. output per el. Δt = 50 °C [Watt]	14,78	18,6	22,3	26,0	29,7	36,9	43,8	50,5	53,8
Dry Weight per section [kg]	0,253	0,303	0,353	0,403	0,453	0,552	0,652	0,751	0,801
Element Water content [lt]	0,125	0,145	0,164	0,184	0,203	0,241	0,279	0,317	0,336
Element surface [m²]	0,029	0,035	0,04	0,046	0,051	0,063	0,074	0,085	0,091
Exp. n	1,3238	1,3208	1,317	1,3149	1,312	1,306	1,3	1,294	1,2914
Pipe Centres l [mm] (V3-V4 only)	342	442	542	642	742	942	1142	1342	1442

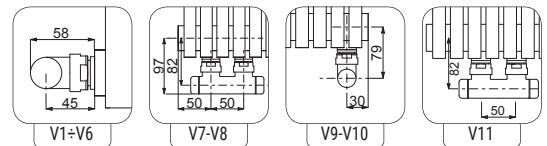
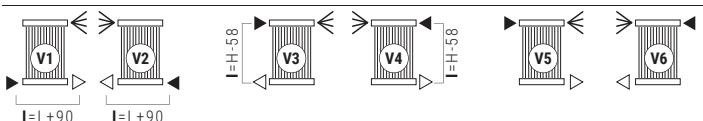
For output at different Δt than 50°C, please refer to the following formula:

$$\text{desired output} = \text{output at } \Delta t = 50^\circ\text{C} \times (\text{desired } \Delta t/50)^n$$

Height H [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. Δt = 50 °C [Watt]	57	60,1	63,2	66,6	69,1	72,0	74,2	77,6	82,9
Dry Weight per section [kg]	0,851	0,901	0,95	1	1,05	1,100	1,149	1,199	1,299
Element Water content [lt]	0,356	0,375	0,394	0,413	0,432	0,451	0,47	0,489	0,528
Element surface [m²]	0,096	0,102	0,108	0,113	0,119	0,126	0,13	0,136	0,147
Exp. n	1,288	1,2855	1,283	1,28	1,277	1,2737	1,271	1,268	1,262
Pipe Centres l [mm] (V3-V4 only)	1542	1642	1742	1842	1942	2042	2142	2242	2442



Quotes for Kristal valves

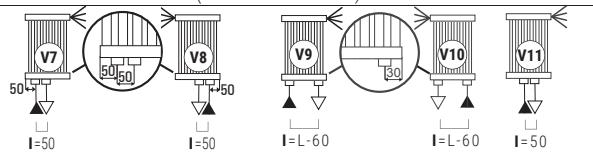

STANDARD CONNECTIONS WITHOUT SURCHARGE


Legenda=



H Height

I Pipe Centres

SPECIAL CONNECTIONS (WITH SURCHARGE)


Always specify the kind of connection needed when ordering.

Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR ALICE 18 VERTICAL

ARTICLE NR. STRUCTURE					
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A

EXAMPLE	Radiator model E.g.: Alice 18 vertical	Numero elements E.g.: 24 elements	Height in cm Example: 800 mm	Article code of the connection Example: connection V8	Article code of the colour Example: S16 - Canary	Constant value
AL18	24	080	V08	S16	A	

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AL18 ALICE 18 VERTICAL

24 24 elements (see the table shown on the side)

080 Height 800 mm (see the table shown on the side)

V08 connection V08

S16 colour S16 - Canary (see page 540)

A (Constant value)

The article code will be:

AL18 24 080 V08 S16 A

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010	Kit 2 Hooks WHITE RAL 9010 - R01	White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161	Multilayer conn. Ø 16 Art. nr. 5991990311160	(Kit 2 pieces) Art. nr. 5035270710016

ALICE 18 VERTICAL

All intermediate sizes are available for widths from 5 to 70 elements and heights from 400 to 2500 mm

Height H [mm]	400	500	600	700	800	1000	1200	1400	1500
WIDTH L [mm]	N° El.	Watt Δt=50°C							
136	5	74	93	112	130	149	185	219	253
161	6	89	112	134	156	178	221	263	303
186	7	103	130	156	182	208	258	307	354
211	8	118	149	178	208	238	295	350	404
236	9	133	167	201	234	267	332	394	455
261	10	148	186	223	260	297	369	438	505
286	11	163	205	245	286	327	406	482	556
311	12	177	223	268	312	356	443	526	606
336	13	192	242	290	338	386	480	569	657
361	14	207	260	312	364	416	517	613	707
386	15	222	279	335	390	446	554	657	758
411	16	236	298	357	416	475	590	701	808
436	17	251	316	379	442	505	627	745	859
461	18	266	335	401	468	535	664	788	909
486	19	281	353	424	494	564	701	832	960
511	20	296	372	446	520	594	738	876	1010
536	21	310	391	468	546	624	775	920	1061
561	22	325	409	491	572	653	812	964	1111
586	23	340	428	513	598	683	849	1007	1162
611	24	355	446	535	624	713	886	1051	1212
636	25	370	465	558	650	743	923	1095	1263
661	26	384	484	580	676	772	959	1139	1313
686	27	399	502	602	702	802	996	1183	1364
711	28	414	521	624	728	832	1033	1226	1414
736	29	429	539	647	754	861	1070	1270	1465
761	30	443	558	669	780	891	1107	1314	1515
811	32	473	595	714	832	950	1181	1402	1616
861	34	503	632	758	884	1010	1255	1489	1722
911	36	532	670	803	936	1069	1328	1577	1829
961	38	562	707	847	988	1129	1402	1664	1919
1011	40	591	744	892	1040	1188	1476	1752	2020
1061	42	621	781	937	1092	1247	1550	1840	2121
1136	45	665	837	1004	1170	1337	1661	1971	2273
1261	50	739	930	1115	1300	1485	1845	2190	2525
1386	55	813	1023	1227	1430	1634	2030	2409	2778
1511	60	887	1116	1338	1560	1782	2214	2628	3030
1636	65	961	1209	1450	1690	1931	2399	2847	3283
1761	70	1035	1302	1561	1820	2079	2583	3066	3535

ARDÈSIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

ACCESSORIES
AND TECHNICAL
SUPPORT

MY WAY®
SYSTEM

Height H [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
WIDTH L [mm]	N° El.	Watt Δt=50°C							
136	5	285	301	316	333	346	360	371	388
161	6	342	361	379	400	415	432	445	466
186	7	399	421	442	466	484	504	519	543
211	8	456	481	506	533	553	576	594	621
236	9	513	541	569	599	622	648	668	698
261	10	570	601	632	666	691	720	742	776
286	11	627	661	695	733	760	792	816	854
311	12	684	721	758	799	829	864	890	931
336	13	741	781	822	866	898	936	965	1009
361	14	798	841	885	932	967	1008	1039	1086
386	15	855	902	948	999	1037	1080	1113	1164
411	16	912	962	1011	1066	1106	1152	1187	1242
436	17	969	1022	1074	1132	1175	1224	1261	1319
461	18	1026	1082	1138	1199	1244	1296	1336	1397
486	19	1083	1142	1201	1265	1313	1368	1410	1474
511	20	1140	1202	1264	1332	1382	1440	1484	1552
536	21	1197	1262	1327	1399	1451	1512	1558	1630
561	22	1254	1322	1390	1465	1520	1584	1632	1707
586	23	1311	1382	1454	1532	1589	1656	1707	1785
611	24	1368	1442	1517	1598	1658	1728	1781	1862
636	25	1425	1503	1580	1665	1728	1800	1855	1940
661	26	1482	1563	1643	1732	1797	1872	1929	2018
686	27	1539	1623	1706	1798	1866	1944	2003	2095
711	28	1596	1683	1770	1865	1935	2016	2078	2173
736	29	1653	1743	1833	1931	2004	2088	2152	2250
761	30	1710	1803	1896	1998	2073	2160	2226	2328
811	32	1824	1923	2022	2131	2211	2304	2374	2483
861	34	1938	2043	2149	2264	2349	2448	2523	2638
911	36	2052	2164	2275	2398	2488	2592	2671	2794
961	38	2166	2284	2402	2531	2626	2736	2820	2949
1011	40	2280	2404	2528	2664	2764	2880	2968	3104
1061	42	2394	2524	2654	2797	2902	3024	3116	3259
1136	45	2565	2705	2844	2997	3110	3240	3339	3492
1261	50	2850	3005	3160	3330	3455	3600	3710	3880
1386	55	3135	3306	3476	3663	3801	3960	4081	4268
1511	60	3420	3606	3792	3996	4146	4320	4452	4656
1636	65	3705	3907	4108	4329	4492	4680	4823	5044
1761	70	3990	4207	4424	4662	4837	5040	5194	5432



ALICE 18 HORIZONTAL



page 192



EN 442-1
EURO NORM
RADIATORS AND CONVECTORS

CERTIFIQUE MANDATIF
NF
Radiators, convectors and ceiling-mounted radiant panels, hot water heating, fan assisted and mixed



EUROPEAN WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel Ø 38 mm.
- Horizontal heating elements in painted mild steel Ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

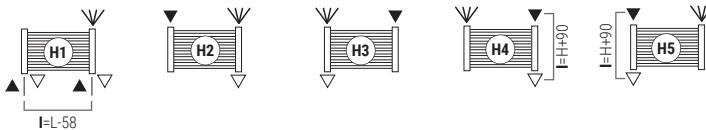
P. Max: 8 bar	Functioning: hot water	T. Max: 110°C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	---------------	--

WIDTH L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per section [kg]	0,253	0,303	0,353	0,403	0,453	0,552	0,652	0,751	0,801
Element Water content [lt]	0,125	0,145	0,164	0,184	0,203	0,241	0,279	0,317	0,336
Element surface [m ²]	0,029	0,035	0,040	0,046	0,051	0,063	0,074	0,085	0,091
Pipe Centres I [mm] (H1 only)	342	442	542	642	742	942	1142	1342	1442

For output at different Δt than 50°C, please refer to the following formula:

$$\text{desired output} = \text{output at } \Delta t 50^\circ\text{C} \times (\text{desired } \Delta t / 50)^\text{n}$$

WIDTH L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per section [kg]	0,851	0,901	0,950	1,000	1,050	1,100	1,149	1,199	1,299
Element Water content [lt]	0,356	0,375	0,394	0,413	0,432	0,451	0,470	0,489	0,528
Element surface [m ²]	0,096	0,102	0,108	0,113	0,119	0,126	0,130	0,136	0,147
Pipe Centres I [mm] (H1 only)	1542	1642	1742	1842	1942	2042	2142	2242	2442

STANDARD CONNECTIONS WITHOUT SURCHARGE


Legenda=



H Height

I Pipe Centres

L WIDTH



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR ALICE 18 HORIZONTAL

ARTICLE NR. STRUCTURE					
Radiator model	Elements nr.	WIDTH in cm	Article code of the connection	Article code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A

EXAMPLE

Radiator model	E.g. Alice 18 horizontal	Numero elements	E.g.: 12 elements	WIDTH in cm	Example: 1200 mm	Article code of the connection	E.g.: connection H4	Article code of the colour	E.g.: S16 - Canary	Constant value
AL18	12	120		H04	S16	A				

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AL18 ALICE 18 HORIZONTAL

12 12 elements (see the table shown on the side)

120 WIDTH 1200 mm (see the table shown on the side)

H04 connection H4

S16 colour S16 - Canary (see page 540)

A (Constant value)

The article code will be:

AL18 12 120 H04 S16 A

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010		Kristal valve corner right with thermostatic option white R01 - ral 9010	
Copper conn. Ø 12/14/15 Art. nr. 5991990311161		Copper conn. Ø 12/14/15 Art. nr. 5991990311176	

ALICE 18 HORIZONTAL

WIDTH L [mm]	400	500	600	700	800	1000	1200	1400	1500	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C								
136	5	77	96	115	134	154	192	230	269	288
161	6	94	117	140	164	187	234	281	328	351
186	7	110	138	165	193	220	275	330	385	413
211	8	127	159	190	222	254	317	380	444	476
236	9	144	180	215	251	287	359	431	503	539
261	10	160	201	241	281	321	401	481	561	602
286	11	177	222	266	310	354	443	532	620	665
311	12	194	242	290	339	387	484	581	678	726
336	13	210	263	316	368	421	526	631	736	789
361	14	227	284	341	398	454	568	682	795	852
386	15	244	305	365	426	487	609	731	853	914
411	16	260	325	390	455	520	650	780	910	975
436	17	276	346	415	484	553	691	829	967	1037
461	18	293	366	439	512	586	732	878	1025	1098
486	19	309	386	463	540	618	772	926	1081	1158
511	20	325	407	488	569	650	813	976	1138	1220
536	21	341	427	512	597	682	853	1024	1194	1280
561	22	357	447	536	625	714	893	1072	1250	1340
586	23	373	466	559	652	746	932	1118	1305	1398
611	24	389	486	583	680	778	972	1166	1361	1458
636	25	404	506	607	708	809	1011	1213	1415	1517
661	26	420	525	629	734	839	1049	1259	1469	1574
686	27	435	544	653	762	870	1088	1306	1523	1632
711	28	450	563	676	788	901	1126	1351	1576	1689
736	29	466	582	698	815	931	1164	1397	1630	1746
761	30	481	601	721	841	962	1202	1442	1683	1803
811	32	510	638	766	893	1021	1276	1531	1786	1914
861	34	540	675	809	944	1079	1349	1619	1889	2024
911	36	568	711	853	995	1137	1421	1705	1989	2132
961	38	596	746	895	1044	1193	1491	1789	2087	2237
1011	40	624	781	937	1093	1249	1561	1873	2185	2342
1061	42	652	815	977	1140	1303	1629	1955	2281	2444
1136	45	678	848	1018	1187	1357	1696	2035	2374	2544
1261	50	755	944	1133	1322	1510	1888	2266	2643	2832
1386	55	816	1020	1224	1428	1632	2040	2448	2856	3060
1511	60	874	1093	1311	1530	1748	2185	2622	3059	3278
1636	65	928	1161	1393	1625	1857	2321	2785	3249	3482
1761	70	980	1225	1470	1715	1960	2450	2940	3430	3675

WIDTH L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C								
136	5	307	326	346	365	384	403	422	442	480
161	6	374	398	421	445	468	491	515	538	585
186	7	440	468	495	523	550	578	605	633	688
211	8	507	539	571	602	634	666	697	729	793
236	9	574	610	646	682	718	754	790	826	898
261	10	642	682	722	762	802	842	882	922	1003
286	11	709	753	797	842	886	930	975	1019	1108
311	12	774	823	871	920	968	1016	1065	1113	1210
336	13	842	894	947	999	1052	1105	1157	1210	1315
361	14	909	966	1022	1079	1136	1193	1250	1306	1420
386	15	974	1035	1096	1157	1218	1279	1340	1401	1523
411	16	1040	1105	1170	1235	1300	1365	1430	1495	1625
436	17	1106	1175	1244	1313	1382	1451	1520	1589	1728
461	18	1171	1244	1318	1391	1464	1537	1610	1684	1830
486	19	1235	1312	1390	1467	1544	1621	1698	1776	1930
511	20	1301	1382	1463	1545	1626	1707	1789	1870	2033
536	21	1365	1450	1535	1621	1706	1791	1877	1962	2133
561	22	1429	1518	1607	1697	1786	1875	1965	2054	2233
586	23	1491	1584	1678	1771	1864	1957	2050	2144	2330
611	24	1555	1652	1750	1847	1944	2041	2138	2236	2430
636	25	1618	1719	1820	1921	2022	2123	2224	2325	2528
661	26	1678	1783	1888	1993	2098	2203	2308	2413	2623
686	27	1741	1850	1958	2067	2176	2285	2394	2502	2720
711	28	1802	1914	2027	2139	2252	2365	2477	2590	2815
736	29	1862	1979	2095	2212	2328	2444	2561	2677	2910
761	30	1923	2043	2164	2284	2404	2524	2644	2765	3005
811	32	2042	2169	2297	2424	2552	2680	2807	2935	3190
861	34	2158	2293	2428	2563	2698	2833	2968	3103	3373
911	36	2274	2416	2558	2700	2842	2984	3126	3268	3553
961	38	2386	2535	2684	2833	2982	3131	3280	3429	3728
1011	40	2498	2654	2810	2966	3122	3278	3434	3590	3903
1061	42	2606	2769	2932	3095	3258	3421	3584	3747	4073
1136	45	2714	2883	3053	3222	3392	3562	3731	3901	4240
1261	50	3021	3210	3398	3587	3776	3965	4154	4342	4720
1386	55	3264	3468	3672	3876	4080	4284	4488	4692	5100
1511	60	3496	3715	3933	4152	4370	4589	4807	5026	5463
1636	65	3714	3946	4178	4410	4642	4874	5106	5338	5803
1761	70	3920	4165	4410	4655	4900	5145	5390	5635	6125

ACCESSORIES AND TECHNICAL SUPPORT	MY WAY® SYSTEM	MODELS FOR REPLACEMENT	VENTILATED RADIATORS	DESIGN RADIATORS	LIVING
CORDIVARI	CORDIVARI	CORDIVARI	CORDIVARI	CORDIVARI	CORDIVARI
CORDIVARI	CORDIVARI	CORDIVARI	CORDIVARI	CORDIVARI	CORDIVARI
CORDIVARI	CORDIVARI	CORDIVARI	CORDIVARI	CORDIVARI	CORDIVARI
CORDIVARI	CORDIVARI	CORDIVARI	CORDIVARI	CORDIVARI	CORDIVARI



ALICE 18 TANDEM VERTICAL



page 194



EN 442-1
EURO NORM
RADIATORS AND CONVECTORS



Radiators, convectors and ceiling-mounted radiant panels, hot water heating, fan assisted and mixed

EUROPEAN WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel Ø 38 mm.
- Double vertical heating elements in painted mild steel Ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

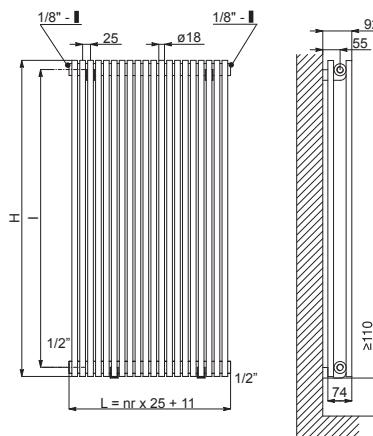
P. Max: 8 bar	Functioning: hot water	T. Max: 110 °C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	----------------	--

Height H [mm]	500	558	600	658	800	858	958	1000	1200
Therm. output per el. Δt = 50 °C [Watt]	30,4	33,4	35,5	38,4	45,4	48,2	52,9	54,9	64,0
Dry Weight per section [kg]	0,553	0,610	0,652	0,709	0,851	0,908	1,008	1,050	1,249
Element Water content [lt]	0,241	0,263	0,279	0,301	0,356	0,378	0,416	0,432	0,508
Element surface [m²]	0,063	0,069	0,074	0,080	0,096	0,103	0,114	0,119	0,142
Exp. n	1,34280	1,3425	1,3420	1,3421	1,3420	1,3412	1,3408	1,3410	1,3400
Pipe Centres l [mm] (V3-V4 only)	442	500	542	600	742	800	900	942	1142

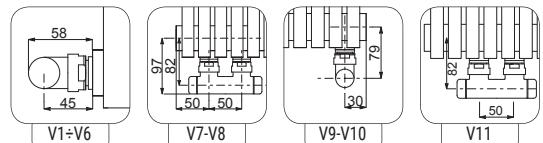
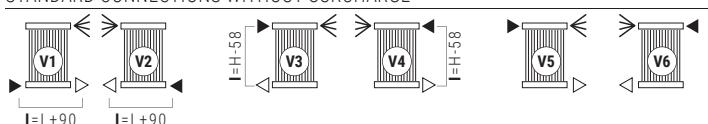
For output at different Δt than 50°C, please refer to the following formula:

$$\text{desired output} = \text{output at } \Delta t = 50^\circ\text{C} \times (\text{desired } \Delta t / 50)^\text{n}$$

Height H [mm]	1400	1600	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. Δt = 50 °C [Watt]	72,9	81,6	90,1	94,8	98,3	102,0	105	110,0	118,0
Dry Weight per section [kg]	1,448	1,647	1,846	1,945	2,045	2,095	2,244	2,344	2,543
Element Water content [lt]	0,585	0,661	0,738	0,776	0,814	0,833	0,891	0,929	1,005
Element surface [m²]	0,164	0,187	0,210	0,221	0,232	0,238	0,255	0,266	0,289
Exp. n	1,3390	1,3380	1,3370	1,3370	1,3360	1,3357	1,3350	1,3350	1,3340
Pipe Centres l [mm] (V3-V4 only)	1342	1542	1742	1842	1942	2042	2142	2242	2442



Quotes for Kristal valves


STANDARD CONNECTIONS WITHOUT SURCHARGE


Legenda=



H Height

I Pipe Centres

L WIDTH



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR ALICE 18 TANDEM VERTICAL

ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION											
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	E.g.: Alice 18 tandem vertical	Numero elements	E.g.: 24 elements	Height in cm	Example: 800 mm	Article code of the connection	E.g.: connection V8	Article code of the colour	E.g.: S16 - Canary	Constant value							
AAAA	BB	CCC	DDD	EEE	A	AT18	24	080	V08	S16	A	AT18	ALICE 18 TANDEM VERTICAL	24	24 elements (see the table shown on the side)	080	Height 800 mm (see the table shown on the side)	V08	connection V08	S16	colour S16 - Canary (see page 540)	A	(Constant value)

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010	Kristal valve square Pipe centres 50 mm left white R01 - ral 9010	White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160	Copper conn. Ø 12/14/15 Art. nr. 5991990311186 Multilayer conn. Ø 16 Art. nr. 5991990311185	(Kit 2 pieces) Art. nr. 5035270710016

ALICE 18 TANDEM VERTICAL

All intermediate sizes are available for widths from 5 to 40 elements and heights from 500 to 2500 mm

Height H [mm]	500	558	600	658	800	858	958	1000	1200
WIDTH L [mm]	N° El.	Watt Δt=50°C							
136	5	152	167	178	192	227	241	265	275
161	6	182	200	213	230	272	289	317	329
186	7	213	234	249	269	318	337	370	384
211	8	243	267	284	307	363	386	423	439
236	9	274	301	320	346	409	434	476	494
261	10	304	334	355	384	454	482	529	549
286	11	334	367	391	422	499	530	582	604
311	12	365	401	426	461	545	578	635	659
336	13	395	434	462	499	590	627	688	714
361	14	426	468	497	538	636	675	741	769
386	15	456	501	533	576	681	723	794	824
411	16	486	534	568	614	726	771	846	878
436	17	517	568	604	653	772	819	899	933
461	18	547	601	639	691	817	868	952	988
486	19	578	635	675	730	863	916	1005	1043
511	20	608	668	710	768	908	964	1058	1098
536	21	638	701	746	806	953	1012	1111	1153
561	22	669	735	781	845	999	1060	1164	1208
586	23	699	768	817	883	1044	1109	1217	1263
611	24	730	802	852	922	1090	1157	1270	1318
636	25	760	835	888	960	1135	1205	1323	1373
661	26	790	868	923	998	1180	1253	1375	1427
686	27	821	902	959	1037	1226	1301	1428	1482
711	28	851	935	994	1075	1271	1350	1481	1537
736	29	882	969	1030	1114	1317	1398	1534	1592
761	30	912	1002	1065	1152	1362	1446	1587	1647
786	31	942	1035	1101	1190	1407	1494	1640	1702
811	32	973	1069	1136	1229	1453	1542	1693	1757
836	33	1003	1102	1172	1267	1498	1591	1746	1812
861	34	1034	1136	1207	1306	1544	1639	1799	1867
886	35	1064	1169	1243	1344	1589	1687	1852	1922
911	36	1094	1202	1278	1382	1634	1735	1904	1976
936	37	1125	1236	1314	1421	1680	1783	1957	2031
961	38	1155	1269	1349	1459	1725	1832	2010	2086
986	39	1186	1303	1385	1498	1771	1880	2063	2141
1011	40	1216	1336	1420	1536	1816	1928	2116	2196
 Replacement heights are marked in grey colour									

Height H [mm]	1400	1600	1800	1900	2000	2100	2200	2300	2500
WIDTH L [mm]	N° El.	Watt Δt=50°C							
136	5	365	408	451	474	492	510	525	550
161	6	437	490	541	569	590	612	630	660
186	7	510	571	631	664	688	714	735	770
211	8	583	653	721	758	786	816	840	880
236	9	656	734	811	853	885	918	945	990
261	10	729	816	901	948	983	1020	1050	1100
286	11	802	898	991	1043	1081	1122	1155	1210
311	12	875	979	1081	1138	1180	1224	1260	1320
336	13	948	1061	1171	1232	1278	1326	1365	1430
361	14	1021	1142	1261	1327	1376	1428	1470	1540
386	15	1094	1224	1352	1422	1475	1530	1575	1650
411	16	1166	1306	1442	1517	1573	1632	1680	1760
436	17	1239	1387	1532	1612	1671	1734	1785	1870
461	18	1312	1469	1622	1706	1769	1836	1890	1980
486	19	1385	1550	1712	1801	1868	1938	1995	2090
511	20	1458	1632	1802	1896	1966	2040	2100	2200
536	21	1531	1714	1892	1991	2064	2142	2205	2310
561	22	1604	1795	1982	2086	2163	2244	2310	2420
586	23	1677	1877	2072	2180	2261	2346	2415	2530
611	24	1750	1958	2162	2275	2359	2448	2520	2640
636	25	1823	2040	2253	2370	2458	2550	2625	2750
661	26	1895	2122	2343	2465	2556	2652	2730	2860
686	27	1968	2203	2433	2560	2654	2754	2835	2970
711	28	2041	2285	2523	2654	2752	2856	2940	3080
736	29	2114	2366	2613	2749	2851	2958	3045	3190
761	30	2187	2448	2703	2844	2949	3060	3150	3300
786	31	2260	2530	2793	2939	3047	3162	3255	3410
811	32	2333	2611	2883	3034	3146	3264	3360	3520
836	33	2406	2693	2973	3128	3244	3366	3465	3630
861	34	2479	2774	3063	3223	3342	3468	3570	3740
886	35	2552	2856	3154	3318	3441	3570	3675	3850
911	36	2624	2938	3244	3413	3539	3672	3780	3960
936	37	2697	3019	3334	3508	3637	3774	3885	4070
961	38	2770	3101	3424	3602	3735	3876	3990	4180
986	39	2843	3182	3514	3697	3834	3978	4095	4290
1011	40	2916	3264	3604	3792	3932	4080	4200	4400

ARDÉSIA®
TOWEL RAILS

INOX RANGE
ELECTRIC RADIATORS
AND FAN HEATER

LIVING
DESIGN RADIATORS
VENTILATED
RADIATORS

ACCESSORIES
AND TECHNICAL
SUPPORT
MY WAY®
SYSTEM



ALICE 18 TANDEM HORIZONTAL



page 198



EN 442-1
RADIATORS AND CONVECTORS

CERTIFIQUE D'ÉGALITÉ MANDATIF
NF
RADIATORS, CONVECTORS AND CEILING-MOUNTED RADIANT PANELS, HOT WATER HEATING, FAN ASSISTED AND MIXED

VDI 6036
COMPLIANT WITH
CLASS 1-2-3-4

EUROPEAN WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel Ø 38 mm.
- Double horizontal heating elements in painted mild steel Ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice. The kit is certified from TÜV in compliance with

VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

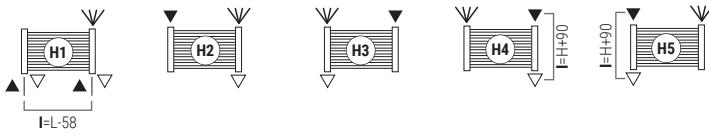
See page 508

P. Max: 8 bar	Functioning: hot water	T. Max: 110 °C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

WIDTH L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per section [kg]	0,45	0,552	0,652	0,75	0,851	1,050	1,249	1,448	1,547
Element Water content [lt]	0,20	0,241	0,279	0,32	0,356	0,432	0,508	0,585	0,623
Element surface [m ²]	0,05	0,063	0,074	0,09	0,096	0,119	0,142	0,164	0,176
Pipe Centres I [mm] (H1 only)	342	442	542	642	742	942	1142	1342	1442

For output at different Δt than 50°C, please refer to the following formula:
desired output = output at Δt 50°C x (desired Δt /50)ⁿ

WIDTH L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per section [kg]	1,647	1,746	1,846	1,945	2,045	2,095	2,25	2,45	2,65
Element Water content [lt]	0,661	0,700	0,738	0,776	0,814	0,833	0,89	0,97	1,04
Element surface [m ²]	0,187	0,198	0,210	0,221	0,232	0,238	0,25	0,28	0,30
Pipe Centres I [mm] (H1 only)	1542	1642	1742	1842	1942	2042	2142	2242	2442

STANDARD CONNECTIONS WITHOUT SURCHARGE


Legenda=



H Height

I Pipe Centres

L WIDTH



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR ALICE 18 TANDEM HORIZONTAL

ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION					
Radiator model	Elements nr.	WIDTH in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	E.g.: Alice 18 tandem horizontal	Numero elements	E.g.: 20 elements	WIDTH in cm	Example: 1200 mm	Article code of the connection	E.g.: connection H4	Article code of the colour	E.g.: S16 - Canary	Constant value	
AAAA	BB	CCC	DDD	EEE	A	AT18	20	120	H04	S16	A	AT18	20	120	H04	S16	A

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010		Kristal valve corner right with thermostatic option white R01 - ral 9010	
Copper conn. Ø 12/14/15 Art. nr. 5991990311161		Copper conn. Ø 12/14/15 Art. nr. 5991990311176	
Multilayer conn. Ø 16 Art. nr. 5991990311160		Multilayer conn. Ø 16 Art. nr. 5991990311175	

ALICE 18 TANDEM HORIZONTAL

All intermediate sizes are available for widths from 5 to 40 elements and heights from 400 to 2500 mm

WIDTH L [mm]	400	500	600	700	800	1000	1200	1400	1500	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C								
136	5	142	178	214	249	285	356	427	498	534
161	6	168	210	251	293	335	419	503	587	629
186	7	192	240	287	355	383	479	575	671	719
211	8	216	270	323	377	431	539	647	755	809
236	9	239	299	358	418	478	597	716	836	896
261	10	262	328	393	459	524	655	786	917	983
286	11	284	356	427	498	569	711	853	995	1067
311	12	306	383	460	536	613	766	919	1072	1149
336	13	328	411	493	575	657	821	985	1149	1232
361	14	350	438	525	613	700	875	1050	1225	1313
386	15	371	464	556	649	742	927	1112	1298	1391
411	16	392	490	587	685	783	979	1175	1371	1469
436	17	412	516	619	722	825	1031	1237	1443	1547
461	18	432	541	649	757	865	1081	1297	1513	1622
486	19	452	566	679	792	905	1131	1357	1583	1697
511	20	472	591	709	827	945	1181	1417	1653	1772
536	21	492	615	737	860	983	1229	1475	1721	1844
561	22	511	639	766	894	1022	1277	1532	1788	1916
586	23	530	662	794	927	1059	1324	1589	1854	1986
611	24	548	686	823	960	1097	1371	1645	1919	2057
636	25	567	709	850	992	1134	1417	1700	1984	2126
661	26	585	732	878	1024	1170	1463	1756	2048	2195
686	27	603	754	905	1056	1206	1508	1810	2111	2262
711	28	621	777	932	1087	1242	1553	1864	2174	2330
736	29	638	798	958	1117	1277	1596	1915	2234	2394
761	30	656	820	984	1148	1312	1640	1968	2296	2460
786	31	673	842	1010	1178	1346	1683	2020	2356	2525
811	32	690	863	1035	1208	1380	1725	2070	2415	2588
836	33	707	884	1060	1237	1414	1767	2120	2474	2651
861	34	724	905	1085	1266	1447	1809	2171	2533	2714
886	35	740	925	1110	1295	1480	1850	2220	2590	2775
911	36	756	945	1134	1323	1512	1890	2268	2646	2835
936	37	772	965	1158	1351	1544	1930	2316	2702	2895
961	38	788	985	1182	1379	1576	1970	2364	2758	2955
986	39	804	1005	1205	1406	1607	2009	2411	2813	3014
1011	40	819	1024	1228	1433	1638	2047	2456	2866	3071

ARDÈSIA®

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

MY WAY®
SYSTEM

ACCESSORIES
AND TECHNICAL
SUPPORT

WIDTH L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C								
136	5	570	605	641	676	712	748	783	819	890
161	6	670	712	754	796	838	880	922	964	1048
186	7	766	814	862	910	958	1006	1054	1102	1198
211	8	862	916	970	1024	1078	1132	1186	1240	1348
236	9	955	1015	1075	1134	1194	1254	1313	1373	1493
261	10	1048	1114	1179	1245	1310	1376	1441	1507	1638
286	11	1138	1209	1280	1351	1422	1493	1564	1635	1778
311	12	1226	1302	1379	1455	1532	1609	1685	1762	1915
336	13	1314	1396	1478	1560	1642	1724	1806	1888	2053
361	14	1400	1488	1575	1663	1750	1838	1925	2013	2188
386	15	1483	1576	1669	1761	1854	1947	2039	2132	2318
411	16	1566	1664	1762	1860	1958	2056	2154	2252	2448
436	17	1650	1753	1856	1959	2062	2165	2268	2371	2578
461	18	1730	1838	1946	2054	2162	2270	2378	2486	2703
486	19	1810	1923	2036	2149	2262	2375	2488	2601	2828
511	20	1890	2008	2126	2244	2362	2480	2598	2716	2953
536	21	1966	2089	2212	2335	2458	2581	2704	2827	3073
561	22	2043	2171	2299	2426	2554	2682	2809	2937	3193
586	23	2118	2251	2383	2516	2648	2780	2913	3045	3310
611	24	2194	2331	2468	2605	2742	2879	3016	3153	3428
636	25	2267	2409	2551	2692	2834	2976	3117	3259	3543
661	26	2341	2487	2633	2780	2926	3072	3219	3365	3658
686	27	2413	2564	2714	2865	3016	3167	3318	3468	3770
711	28	2485	2640	2795	2951	3106	3261	3417	3572	3883
736	29	2554	2713	2873	3032	3192	3352	3511	3671	3990
761	30	2624	2788	2952	3116	3280	3444	3608	3772	4100
786	31	2693	2861	3029	3198	3366	3534	3703	3871	4208
811	32	2760	2933	3105	3278	3450	3623	3795	3968	4313
836	33	2827	3004	3181	3357	3534	3711	3887	4064	4418
861	34	2894	3075	3256	3437	3618	3799	3980	4161	4523
886	35	2960	3145	3330	3515	3700	3885	4070	4255	4625
911	36	3024	3213	3402	3591	3780	3969	4158	4347	4725
936	37	3088	3281	3474	3667	3860	4053	4246	4439	4825
961	38	3152	3349	3546	3743	3940	4137	4334	4531	4925
986	39	3214	3415	3616	3817	4018	4219	4420	4621	5023
1011	40	3275	3480	3685	3889	4094	4299	4503	4708	5118



ALICE 22 VERTICAL

CE **EN 442-1**
RADIATORS AND CONVECTORS



page 200

EUROPEAN
WARRANTY

NEW

MATERIAL:

- Horizontal collectors in painted mild steel Ø 30 mm.
- Vertical heating elements in painted mild steel Ø 22 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

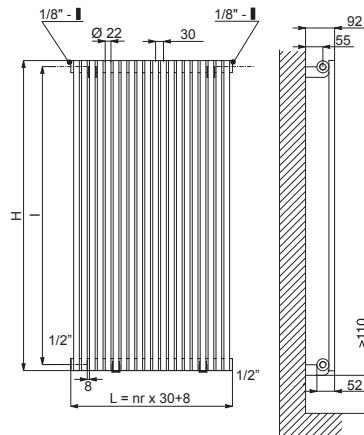
P. Max: 8 bar	Functioning: hot water	T. Max: 110 °C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	----------------	--

Height H [mm]	400	500	600	700	800	1000	1200	1400	1500
Therm. output per el. Δt = 50 °C [Watt]	18,1	22,7	27,3	31,8	36,3	45,1	53,5	61,7	65,8
Dry Weight per section [kg]	0,35	0,43	0,51	0,58	0,66	0,81	0,96	1,11	1,27
Element Water content [lt]	0,149	0,178	0,206	0,234	0,263	0,319	0,376	0,433	0,490
Element surface [m²]	0,033	0,040	0,047	0,054	0,061	0,075	0,089	0,102	0,116
Exp. n	1,2593	1,2604	1,2614	1,2614	1,2635	1,2656	1,2677	1,2698	1,2709
Pipe Centres l [mm] (V3-V4 only)	370	470	570	670	770	970	1170	1370	1470

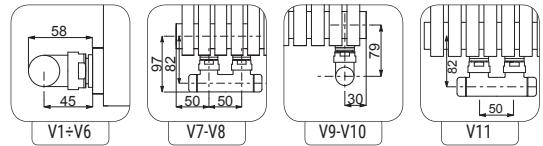
For output at different Δt than 50°C, please refer to the following formula:

$$\text{desired output} = \text{output at } \Delta t = 50^\circ\text{C} \times (\text{desired } \Delta t/50)^n$$

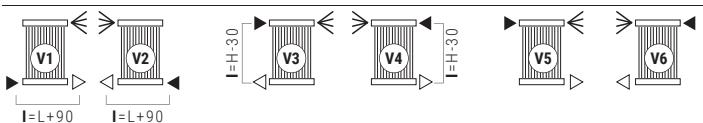
Height H [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. Δt = 50 °C [Watt]	69,7	73,5	77,2	81,4	84,5	88,0	90,7	94,8	101,3
Dry Weight per section [kg]	1,42	1,57	1,72	1,87	2,02	2,18	2,33	2,63	2,94
Element Water content [lt]	0,546	0,603	0,660	0,716	0,773	0,830	0,886	1,000	1,113
Element surface [m²]	0,130	0,144	0,158	0,172	0,185	0,199	0,213	0,241	0,268
Exp. n	1,2719	1,2703	1,2740	1,2751	1,2762	1,2772	1,2783	1,2793	1,2814
Pipe Centres l [mm] (V3-V4 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470



Quotes for Kristal valves



STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda= In Out Airvent H Height l Pipe Centres L WIDTH Sleeve

HOW TO ORDER THE RADIATOR ALICE 22 VERTICAL

ARTICLE NR. STRUCTURE					
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A

EXAMPLE	Radiator model E.g.: Alice 22 vertical	Numero elements E.g.: 24 elements	Height in cm Example: 800 mm	Article code of the connection Example: connection V1	Article code of the colour Example: S16 - Canary	Constant value
AL22	24	080	V01	S16	A	

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AL22 ALICE 22 VERTICAL

24 24 elements (see the table shown on the side)

080 Height 800 mm (see the table shown on the side)

V01 connection V1

S16 colour S16 - Canary (see page 540)

A (Constant value)

The article code will be:

AL22 24 080 V01 S16 A

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010	White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160	(Kit 2 pieces) Art. nr. 5035270710016

ALICE 22 VERTICAL

All intermediate sizes are available for widths from 5 to 54 elements and heights from 400 to 2500 mm

Height H [mm]	400	500	600	700	800	1000	1200	1400	1500
Width L [mm]	N° El.	Watt Δt=50°C							
150	5	90	114	136	159	182	226	268	309
180	6	108	136	164	191	218	271	321	370
210	7	126	159	191	222	254	316	375	432
240	8	145	182	218	254	290	361	428	494
270	9	163	205	245	286	327	406	482	556
300	10	181	227	273	318	363	451	535	617
330	11	199	250	300	350	399	496	589	679
360	12	217	273	327	381	436	541	642	741
390	13	235	296	354	413	472	586	696	802
420	14	253	318	382	445	508	631	749	864
450	15	271	341	409	477	545	677	803	926
480	16	289	364	436	508	581	722	857	988
510	17	307	386	463	540	617	767	910	1049
540	18	325	409	491	572	653	812	964	1111
570	19	343	432	518	604	690	857	1017	1173
600	20	361	455	545	636	726	902	1071	1234
630	21	379	477	572	667	762	947	1124	1296
660	22	397	500	600	699	799	992	1178	1358
690	23	415	523	627	731	835	1037	1231	1420
720	24	434	546	654	763	871	1082	1285	1481
750	25	452	568	681	794	908	1128	1338	1543
780	26	470	591	709	826	944	1173	1392	1605
810	27	488	614	736	858	980	1218	1445	1667
840	28	506	637	763	890	1016	1263	1499	1728
870	29	524	659	790	922	1053	1308	1552	1790
900	30	542	682	818	953	1089	1353	1606	1852
960	32	578	727	872	1017	1162	1443	1713	1975
1020	34	614	773	927	1080	1234	1533	1820	2099
1080	36	650	818	981	1144	1307	1624	1927	2222
1140	38	686	864	1036	1208	1379	1714	2034	2345
1200	40	723	909	1090	1271	1452	1804	2141	2469
1260	42	759	955	1145	1335	1525	1894	2248	2592
1320	44	795	1000	1199	1398	1597	1984	2355	2716
1380	46	831	1046	1254	1462	1670	2075	2463	2839
1440	48	867	1091	1308	1525	1742	2165	2570	2963
1500	50	903	1137	1363	1589	1815	2255	2677	3086
1560	52	939	1182	1417	1652	1888	2345	2784	3210
1620	54	975	1228	1472	1716	1960	2435	2891	3333
									3551

Height H [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Width L [mm]	N° El.	Watt Δt=50°C							
150	5	348	367	386	407	422	440	453	474
180	6	418	441	463	488	507	528	544	569
210	7	488	514	541	570	591	616	635	664
240	8	557	588	618	651	676	704	726	759
270	9	627	661	695	733	760	792	816	854
300	10	697	735	772	814	845	880	907	948
330	11	766	808	850	895	929	968	998	1043
360	12	836	881	927	977	1013	1056	1088	1138
390	13	906	955	1004	1058	1098	1144	1179	1233
420	14	975	1028	1081	1140	1182	1232	1270	1328
450	15	1045	1102	1159	1221	1267	1320	1360	1423
480	16	1115	1175	1236	1302	1351	1408	1451	1518
510	17	1184	1249	1313	1384	1436	1496	1542	1612
540	18	1254	1322	1390	1465	1520	1584	1632	1707
570	19	1324	1396	1468	1547	1605	1672	1723	1802
600	20	1393	1469	1545	1628	1689	1760	1814	1897
630	21	1463	1543	1622	1709	1774	1848	1904	1992
660	22	1533	1616	1699	1791	1858	1936	1995	2087
690	23	1602	1689	1777	1872	1942	2024	2086	2181
720	24	1672	1763	1854	1954	2027	2112	2177	2276
750	25	1742	1836	1931	2035	2111	2200	2267	2371
780	26	1811	1910	2008	2116	2196	2288	2358	2466
810	27	1881	1983	2086	2198	2280	2376	2449	2561
840	28	1951	2057	2163	2279	2365	2464	2539	2656
870	29	2020	2130	2240	2361	2449	2552	2630	2750
900	30	2090	2204	2317	2442	2534	2640	2721	2845
960	32	2229	2351	2472	2605	2703	2816	2902	3035
1020	34	2369	2497	2626	2768	2871	2992	3083	3225
1080	36	2508	2644	2781	2930	3040	3168	3265	3414
1140	38	2647	2791	2935	3093	3209	3344	3446	3604
1200	40	2787	2938	3090	3256	3378	3520	3628	3794
1260	42	2926	3085	3244	3419	3547	3696	3809	3983
1320	44	3065	3232	3399	3582	3716	3872	3990	4173
1380	46	3205	3379	3553	3744	3885	4048	4172	4363
1440	48	3344	3526	3708	3907	4054	4224	4353	4553
1500	50	3483	3673	3862	4070	4223	4400	4534	4742
1560	52	3623	3820	4017	4233	4392	4576	4716	4932
1620	54	3762	3967	4171	4396	4561	4752	4897	5122

ARDÈSIA®
TOWEL RAILS

INOX RANGE
ELECTRIC RADIATORS
AND FAN HEATER

VENTILATED
RADIATORS
REPLACEMENT

ACCESSORIES
AND TECHNICAL
SUPPORT
MY WAY®
SYSTEM



ALICE 22 HORIZONTAL



EN **442-1**
EURO NORM
RADIATORS AND CONVECTORS



page 202

EUROPEAN WARRANTY

NEW

MATERIAL:

- Vertical collectors in painted mild steel Ø 30 mm.
- Horizontal heating elements in painted mild steel Ø 22 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice. The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

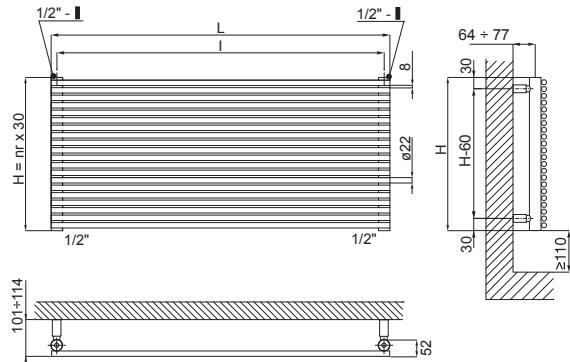
P. Max: 8 bar	Functioning: hot water	T. Max: 110 °C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

WIDTH L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per section [kg]	0,45	0,552	0,652	0,75	0,851	1,050	1,249	1,448	1,547
Element Water content [lt]	0,20	0,241	0,279	0,32	0,356	0,432	0,508	0,585	0,623
Element surface [m ²]	0,05	0,063	0,074	0,09	0,096	0,119	0,142	0,164	0,176
Pipe Centres I [mm] (H1 only)	370	470	570	670	770	970	1170	1370	1470

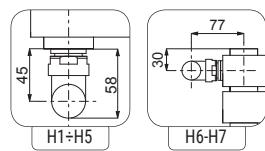
For output at different Δt than 50°C, please refer to the following formula:

$$\text{desired output} = \text{output at } \Delta t 50^\circ\text{C} \times (\text{desired } \Delta t / 50)^\alpha n$$

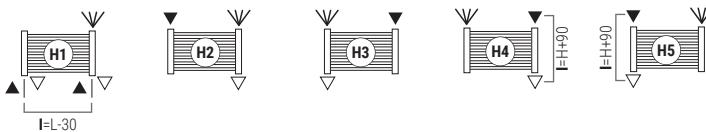
WIDTH L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per section [kg]	1,647	1,746	1,846	1,945	2,045	2,145	2,25	2,45	2,65
Element Water content [lt]	0,661	0,700	0,738	0,776	0,814	0,852	0,89	0,97	1,04
Element surface [m ²]	0,187	0,198	0,210	0,221	0,232	0,243	0,25	0,28	0,30
Pipe Centres I [mm] (H1 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470



Quotes for Kristal valves



STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda=



H Height

I Pipe Centres

L WIDTH



Always specify the kind of connection needed when ordering.

Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR ALICE 22 HORIZONTAL

ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION					
Radiator model	Elements nr.	WIDTH in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	Numero elements	WIDTH in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	Numero elements	WIDTH in cm	Article code of the connection	Article code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	AL22	12	120	H01	S16	A	AL22	12	120	H01	S16	A

ACCESSORIES

Kristal valve square With thermostatic option White R01 - ral 9010		Kristal valve corner right with thermostatic option white R01 - ral 9010		White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161		Copper conn. Ø 12/14/15 Art. nr. 5991990311176		(Kit 2 pieces) Art. nr. 5035270710016

ALICE 22 HORIZONTAL

All intermediate sizes are available for widths from 5 to 54 elements and heights from 400 to 2500 mm

WIDTH L [mm]	400	500	600	700	800	1000	1200	1400	1500	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C								
150	5	87	109	131	153	174	218	262	305	327 1,25894
180	6	109	136	163	190	217	271	326	380	407 1,2582
210	7	130	162	195	227	259	324	389	454	486 1,2573
240	8	151	188	226	264	301	377	452	528	565 1,2564
270	9	172	215	257	300	343	429	515	601	644 1,2554
300	10	192	240	289	337	385	481	577	673	721 1,2544
330	11	213	266	319	373	426	532	639	745	799 1,2534
360	12	233	292	350	408	467	584	700	817	875 1,2524
390	13	254	317	381	444	507	634	761	888	952 1,2514
420	14	274	342	411	479	548	685	822	959	1027 1,2504
450	15	294	367	441	514	588	735	882	1029	1102 1,2494
480	16	314	392	471	549	628	785	941	1098	1177 1,2484
510	17	334	417	500	584	667	834	1001	1168	1251 1,2474
540	18	353	441	530	618	706	883	1060	1236	1324 1,2464
570	19	373	466	559	652	745	932	1118	1304	1397 1,2454
600	20	392	490	588	686	784	980	1176	1372	1470 1,2444
630	21	411	514	617	720	822	1028	1233	1439	1542 1,2434
660	22	430	538	645	753	860	1075	1291	1506	1613 1,2425
690	23	449	561	674	786	898	1123	1347	1572	1684 1,2415
720	24	468	585	702	819	936	1170	1404	1637	1754 1,2405
750	25	486	608	730	851	973	1216	1459	1703	1824 1,2395
780	26	505	631	757	884	1010	1262	1515	1767	1893 1,2385
810	27	523	654	785	916	1046	1308	1570	1831	1962 1,2375
840	28	541	677	812	948	1083	1354	1624	1895	2030 1,2365
870	29	559	699	839	979	1119	1399	1678	1958	2098 1,2355
900	30	577	722	866	1010	1155	1443	1732	2021	2165 1,2345
960	32	613	766	919	1072	1226	1532	1838	2145	2298 1,2335
1020	34	648	809	971	1133	1295	1619	1943	2267	2428 1,2325
1080	36	682	852	1023	1193	1364	1705	2045	2386	2557 1,2315
1140	38	716	894	1073	1252	1431	1789	2147	2504	2683 1,2305
1200	40	749	936	1123	1310	1497	1872	2246	2620	2807 1,2296
1260	42	781	976	1172	1367	1562	1953	2343	2734	2929 1,2286
1320	44	813	1016	1220	1423	1626	2033	2439	2846	3049 1,2276
1380	46	845	1056	1267	1478	1689	2111	2534	2956	3167 1,2266
1440	48	875	1094	1313	1532	1751	2188	2626	3064	3283 1,2256
1500	50	906	1132	1358	1585	1811	2264	2717	3170	3396 1,2246
1560	52	935	1169	1403	1637	1871	2338	2806	3274	3508 1,2234
1620	54	964	1206	1447	1688	1929	2411	2893	3376	3617 1,2223

WIDTH L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C								
150	5	349	371	393	414	436	458	480	502	545 1,25894
180	6	434	461	488	516	543	570	597	624	678 1,2582
210	7	519	551	584	616	649	681	713	746	811 1,2573
240	8	603	641	678	716	754	791	829	867	942 1,2564
270	9	686	729	772	815	858	901	944	987	1073 1,2554
300	10	769	818	866	914	962	1010	1058	1106	1202 1,2544
330	11	852	905	958	1012	1065	1118	1171	1225	1331 1,2534
360	12	934	992	1050	1109	1167	1225	1284	1342	1459 1,2524
390	13	1015	1078	1142	1205	1269	1332	1396	1459	1586 1,2514
420	14	1096	1164	1233	1301	1370	1438	1506	1575	1712 1,2504
450	15	1176	1249	1323	1396	1470	1543	1617	1690	1837 1,2494
480	16	1255	1334	1412	1491	1569	1648	1726	1805	1961 1,2484
510	17	1334	1418	1501	1584	1668	1751	1835	1918	2085 1,2474
540	18	1413	1501	1589	1678	1766	1854	1943	2031	2207 1,2464
570	19	1491	1584	1677	1770	1863	1956	2050	2143	2329 1,2454
600	20	1568	1666	1764	1862	1960	2058	2156	2254	2450 1,2444
630	21	1645	1747	1850	1953	2056	2159	2261	2364	2570 1,2434
660	22	1721	1828	1936	2043	2151	2258	2366	2474	2689 1,2425
690	23	1796	1909	2021	2133	2245	2358	2470	2582	2807 1,2415
720	24	1871	1988	2105	2222	2339	2456	2573	2690	2924 1,2405
750	25	1946	2067	2189	2311	2432	2554	2675	2797	3040 1,2395
780	26	2020	2146	2272	2398	2525	2651	2777	2903	3156 1,2385
810	27	2093	2224	2355	2485	2616	2747	2878	3009	3270 1,2375
840	28	2166	2301	2436	2572	2707	2843	2978	3113	3384 1,2365
870	29	2238	2378	2518	2658	2797	2937	3077	3217	3497 1,2355
900	30	2310	2454	2598	2743	2887	3031	3176	3320	3609 1,2345
960	32	2451	2604	2757	2911	3064	3217	3370	3523	3830 1,2335
1020	34	2590	2752	2914	3076	3238	3400	3562	3724	4047 1,2325
1080	36	2727	2898	3068	3239	3409	3580	3750	3920	4261 1,2315
1140	38	2862	3041	3220	3399	3578	3756	3935	4114	4472 1,2305
1200	40	2994	3182	3369	3556	3743	3930	4117	4305	4679 1,2296
1260	42	3125	3320	3515	3710	3906	4101	4296	4492	4882 1,2286
1320	44	3253	3456	3659	3862	4066	4269	4472	4676	5082 1,2276
1380	46	3378	3589	3800	4012	4223	4434	4645	4856	5278 1,2266
1440	48	3502	3720	3939	4158	4377	4596	4815	5033	5471 1,2256
1500	50	3623	3849	4075	4302	4528	4755	4981	5208	5660 1,2246
1560	52	3741	3975	4209	4443	4677	4911	5144	5378	5846 1,2234
1620	54	3858	4099	4340	4581	4822	5064	5305	5546	6028 1,2223

ARDESIA®
TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER
INOX RANGE

ACCESSORIES
AND TECHNICAL
SUPPORT
MY WAY®
SYSTEM
MODELS FOR
REPLACEMENT



ALICE 22 TANDEM VERTICAL



EUROPEAN
WARRANTY

NEW

MATERIAL:

- Horizontal collectors in painted mild steel Ø 30 mm.
- Double vertical heating elements in painted mild steel Ø 22 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1-2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

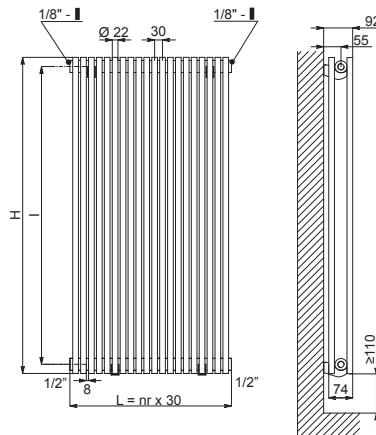
P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	----------------	--

Height H [mm]	500	530	600	630	800	830	930	1000	1200
Therm. output per el. Δt = 50 °C [Watt]	37,2	40,8	43,4	46,9	55,5	58,9	64,7	67,1	78,2
Dry Weight per section [kg]	0,81	0,90	0,96	1,05	1,27	1,35	1,51	1,57	1,87
Element Water content [lt]	0,319	0,352	0,376	0,409	0,490	0,522	0,579	0,603	0,716
Element surface [m²]	0,075	0,083	0,089	0,097	0,116	0,124	0,138	0,144	0,172
Exp. n	1,3001	1,3012	1,3022	1,3022	1,3044	1,3066	1,3087	1,3109	1,3120
Pipe Centres l [mm] (V3-V4 only)	470	500	570	600	770	800	900	970	1170

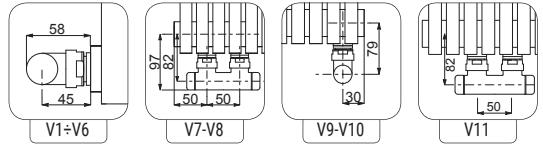
For output at different Δt than 50°C, please refer to the following formula:

$$\text{desired output} = \text{output at } \Delta t = 50^\circ\text{C} \times (\text{desired } \Delta t / 50)^\text{n}$$

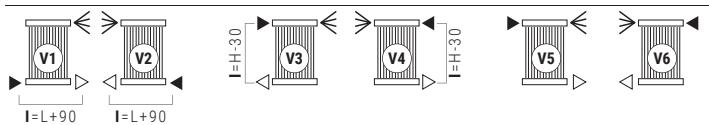
Height H [mm]	1400	1600	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. Δt = 50 °C [Watt]	89,1	99,7	110,1	115,9	120,1	124,7	128,3	134,4	144,2
Dry Weight per section [kg]	2,18	2,48	2,78	2,94	3,09	3,24	3,39	3,54	3,85
Element Water content [lt]	0,830	0,943	1,057	1,113	1,170	1,227	1,283	1,340	1,454
Element surface [m²]	0,199	0,227	0,254	0,268	0,282	0,296	0,310	0,324	0,351
Exp. n	1,3131	1,3114	1,3152	1,3164	1,3175	1,3185	1,3197	1,3207	1,3229
Pipe Centres l [mm] (V3-V4 only)	1370	1570	1770	1870	1970	2070	2170	2270	2470



Quotes for Kristal valves



STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda=

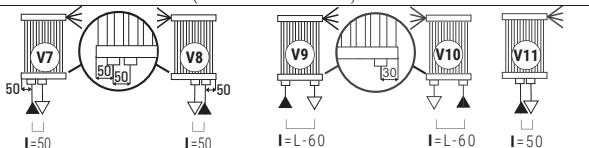


H Height

I Pipe Centres

L WIDTH

SPECIAL CONNECTIONS (WITH SURCHARGE)



Always specify the kind of connection needed when ordering.

Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR ALICE 22 TANDEM VERTICAL

ARTICLE NR. STRUCTURE					
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A
EXAMPLE					
AT22	24	080	V02	S16	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AT22 ALICE 22 TANDEM VERTICAL

24 24 elements (see the table shown on the side)

080 Height 800 mm (see the table shown on the side)

V02 connection V2

S16 colour S16 - Canary (see page 540)

A (Constant value)

The article code will be:

AT22 24 080 V02 S16 A

ACCESSORIES

Kristal valve square With thermostatic option White R01 - ral 9010	Kristal valve square Pipe centres 50 mm left white R01 - ral 9010	White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160	Copper conn. Ø 12/14/15 Art. nr. 5991990311186 Multilayer conn. Ø 16 Art. nr. 5991990311185	(Kit 2 pieces) Art. nr. 5035270710016

ALICE 22 TANDEM VERTICAL

All intermediate sizes are available for widths from 5 to 42 elements and heights from 500 to 2500 mm

Height H [mm]	500	530	600	630	800	830	930	1000	1200
WIDTH L [mm]	N° El.	Watt Δt=50°C							
150	5	186	204	217	235	277	295	323	336
180	6	223	245	260	282	333	353	388	403
210	7	260	286	304	329	388	412	453	470
240	8	297	327	347	375	444	471	517	537
270	9	334	367	391	422	499	530	582	604
300	10	372	408	434	469	555	589	647	671
330	11	409	449	477	516	610	648	711	738
360	12	446	490	521	563	666	707	776	805
390	13	483	531	564	610	721	766	841	872
420	14	520	572	607	657	777	825	905	939
450	15	557	612	651	704	832	884	970	1007
480	16	594	653	694	751	888	943	1034	1074
510	17	632	694	738	798	943	1001	1099	1141
540	18	669	735	781	845	999	1060	1164	1208
570	19	706	776	824	892	1054	1119	1228	1275
600	20	743	816	868	939	1110	1178	1293	1342
630	21	780	857	911	986	1165	1237	1358	1409
660	22	817	898	955	1033	1221	1296	1422	1476
690	23	855	939	998	1079	1276	1355	1487	1543
720	24	892	980	1041	1126	1332	1414	1552	1610
750	25	929	1021	1085	1173	1387	1473	1616	1678
780	26	966	1061	1128	1220	1443	1532	1681	1745
810	27	1003	1102	1172	1267	1498	1591	1746	1812
840	28	1040	1143	1215	1314	1554	1650	1810	1879
870	29	1078	1184	1258	1361	1609	1708	1875	1946
900	30	1115	1225	1302	1408	1665	1767	1940	2013
930	31	1189	1306	1388	1502	1776	1885	2069	2147
960	32	1263	1388	1475	1596	1887	2003	2198	2281
990	33	1338	1470	1562	1690	1998	2121	2328	2416
1020	34	1412	1551	1649	1783	2109	2239	2457	2550
1050	35	1486	1633	1736	1877	2220	2356	2586	2684
1080	36	1561	1715	1822	1971	2331	2474	2716	2818
1110	37	1635	1796	1909	2065	2442	2592	2845	2952
1140	38	1709	1878	1996	2159	2552	2710	2974	3087
1170	39	1783	1959	2083	2253	2663	2828	3103	3221
1200	40	1858	2041	2169	2347	2774	2946	3233	3355
1230	41	1932	2123	2256	2441	2885	3063	3362	3489
1260	42	2006	2204	2343	2534	2996	3181	3491	3623

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MY WAY®
SYSTEM

ACCESSORIES
AND TECHNICAL
SUPPORT

Height H [mm]	1400	1600	1800	1900	2000	2100	2200	2300	2500
WIDTH L [mm]	N° El.	Watt Δt=50°C							
150	5	446	499	551	579	601	623	642	672
180	6	535	598	661	695	721	748	770	807
210	7	624	698	771	811	841	873	898	941
240	8	713	798	881	927	961	997	1027	1076
270	9	802	898	991	1043	1081	1122	1155	1210
300	10	891	997	1101	1159	1201	1247	1283	1344
330	11	980	1097	1211	1275	1322	1371	1412	1479
360	12	1069	1197	1321	1390	1442	1496	1540	1613
390	13	1158	1297	1432	1506	1562	1621	1668	1748
420	14	1247	1396	1542	1622	1682	1745	1797	1882
450	15	1337	1496	1652	1738	1802	1870	1925	2017
480	16	1426	1596	1762	1854	1922	1995	2053	2151
510	17	1515	1695	1872	1970	2042	2119	2182	2286
540	18	1604	1795	1982	2086	2163	2244	2310	2420
570	19	1693	1895	2092	2201	2283	2369	2438	2554
600	20	1782	1995	2202	2317	2403	2493	2567	2689
630	21	1871	2094	2313	2433	2523	2618	2695	2823
660	22	1960	2194	2423	2549	2643	2743	2823	2958
690	23	2049	2294	2533	2665	2763	2867	2952	3092
720	24	2138	2394	2643	2781	2883	2992	3080	3227
750	25	2228	2493	2753	2897	3004	3117	3208	3361
780	26	2317	2593	2863	3013	3124	3241	3337	3496
810	27	2406	2693	2973	3128	3244	3366	3465	3630
840	28	2495	2793	3083	3244	3364	3491	3593	3764
870	29	2584	2892	3194	3360	3484	3615	3722	3899
900	30	2673	2992	3304	3476	3604	3740	3850	4033
930	31	2851	3191	3524	3708	3845	3989	4107	4302
960	32	3029	3391	3744	3939	4085	4239	4363	4571
990	33	3208	3590	3964	4171	4325	4488	4620	4840
1020	34	3386	3790	4185	4403	4565	4737	4877	5109
1050	35	3564	3989	4405	4635	4806	4987	5133	5378
1080	36	3742	4189	4625	4866	5046	5236	5390	5647
1110	37	3920	4388	4845	5098	5286	5485	5647	5916
1140	38	4099	4588	5066	5330	5527	5735	5903	6184
1170	39	4277	4787	5286	5562	5767	5984	6160	6453
1200	40	4455	4987	5506	5793	6007	6233	6417	6722
1230	41	4633	5186	5726	6025	6248	6483	6673	6991
1260	42	4811	5386	5947	6257	6488	6732	6930	7260



ALICE 22 TANDEM HORIZONTAL



EN **442-1**
EURO NORM
RADIATORS AND CONVECTORS



page 208

EUROPEAN WARRANTY

NEW

MATERIAL:

- Horizontal collectors in painted mild steel Ø 30 mm.
- Double horizontal heating elements in painted mild steel Ø 22 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice. The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

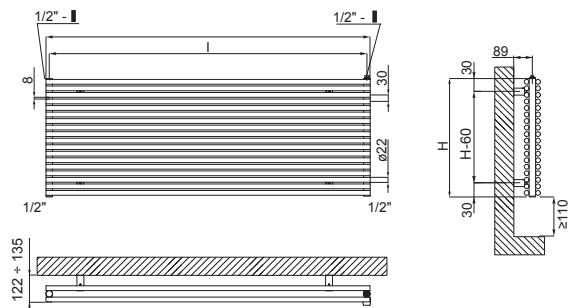
ACCESSORIES

See page 508

P. Max: 8 bar	Functioning: hot water	T. Max: 110 °C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

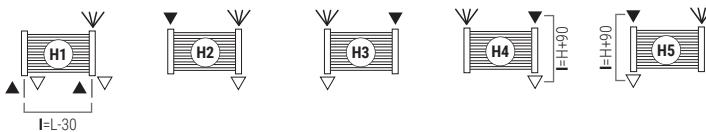
WIDTH L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per section [kg]	0,66	0,81	0,96	1,11	1,27	1,57	1,87	2,18	2,33
Element Water content [lt]	0,26	0,319	0,376	0,433	0,490	0,603	0,716	0,830	0,886
Element surface [m ²]	0,06	0,075	0,089	0,102	0,116	0,144	0,172	0,199	0,213
Pipe Centres I [mm] (H1 only)	370	470	570	670	770	970	1170	1370	1470

For output at different Δt than 50°C, please refer to the following formula:
desired output = output at Δt 50°C x (desired Δt /50)ⁿ



WIDTH L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per section [kg]	2,48	2,63	2,78	2,94	3,09	3,24	3,39	3,54	3,85
Element Water content [lt]	0,943	1,000	1,057	1,113	1,170	1,227	1,283	1,340	1,454
Element surface [m ²]	0,227	0,241	0,254	0,268	0,282	0,296	0,310	0,324	0,351
Pipe Centres I [mm] (H1 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda=



Airvent

H Height

I Pipe Centres

L WIDTH



Always specify the kind of connection needed when ordering.

Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR ALICE 22 TANDEM HORIZONTAL

ARTICLE NR. STRUCTURE						EXAMPLE						
Radiator model	Elements nr.	WIDTH in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	E.g.: Alice 22 tandem horizontal	Numero elements	Example: 1200 mm	Article code of the connection	Article code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	AT22	12	120	H04	S16	A	

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AT22 ALICE 22 TANDEM HORIZONTAL

12 12 elements (see the table shown on the side)

120 WIDTH 1200 mm (see the table shown on the side)

H04 connection H4

S16 colour S16 - Canary (see page 540)

A (Constant value)

The article code will be:

AT22 12 120 H04 S16 A

ACCESSORIES

Kristal valve square With thermostatic option White R01 - ral 9010		Kristal valve corner right with thermostatic option white R01 - ral 9010	
Copper conn. Ø 12/14/15 Art. nr. 5991990311161		Copper conn. Ø 12/14/15 Art. nr. 5991990311176	

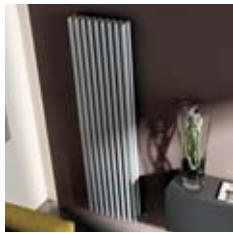
ALICE 22 TANDEM HORIZONTAL

All intermediate sizes are available for widths from 5 to 42 elements and heights from 500 to 2500 mm

WIDTH L [mm]	400	500	600	700	800	1000	1200	1400	1500	Exp. n	
Height H [mm]	N° El.	Watt Δt=50°C									
150	5	182	227	318	363	454	545	635	681	1,2383	
180	6	210	262	315	367	420	525	630	735	1,2376	
210	7	238	298	357	417	476	595	714	833	1,2370	
240	8	264	329	395	461	527	659	791	922	1,2364	
270	9	292	365	438	511	584	730	876	1022	1,2358	
300	10	320	400	480	560	640	801	961	1121	1,2352	
330	11	348	435	521	608	695	869	1043	1217	1,2346	
360	12	374	468	562	655	749	936	1123	1311	1,2340	
390	13	401	502	602	702	803	1003	1204	1405	1,2334	
420	14	428	535	642	749	856	1069	1283	1497	1,2328	
450	15	453	567	680	793	906	1133	1360	1586	1,2321	
480	16	479	598	718	838	957	1197	1436	1675	1,2315	
510	17	504	630	756	882	1008	1260	1512	1764	1,2309	
540	18	528	661	793	925	1057	1321	1585	1850	1,2303	
570	19	553	691	829	968	1106	1382	1659	1935	2074	1,2297
600	20	577	722	866	1010	1155	1443	1732	2021	2165	1,2291
630	21	601	751	901	1051	1202	1502	1803	2103	2253	1,2285
660	22	624	780	936	1093	1249	1561	1873	2185	2341	1,2281
690	23	647	809	971	1133	1295	1618	1942	2266	2427	1,2275
720	24	670	838	1005	1173	1341	1676	2011	2346	2514	1,2269
750	25	693	866	1039	1212	1386	1732	2078	2425	2598	1,2261
780	26	715	894	1073	1252	1430	1788	2146	2503	2682	1,2255
810	27	737	922	1106	1290	1474	1843	2212	2580	2765	1,2249
840	28	759	949	1139	1329	1518	1898	2278	2657	2847	1,2243
870	29	780	975	1170	1365	1561	1951	2341	2731	2926	1,2237
900	30	802	1002	1203	1403	1604	2004	2405	2806	3007	1,2231
930	31	823	1029	1234	1440	1646	2057	2468	2880	3086	1,2225
960	32	843	1054	1265	1476	1687	2108	2530	2952	3163	1,2219
990	33	864	1080	1296	1512	1728	2160	2592	3024	3240	1,2213
1020	34	884	1106	1327	1548	1769	2211	2653	3095	3317	1,2207
1050	35	904	1131	1357	1583	1809	2261	2713	3166	3392	1,2203
1080	36	924	1155	1386	1617	1848	2310	2772	3234	3465	1,2197
1110	37	944	1179	1415	1651	1887	2359	2831	3302	3538	1,2191
1140	38	963	1204	1445	1685	1926	2408	2889	3371	3612	1,2185
1170	39	982	1228	1473	1719	1964	2455	2947	3438	3683	1,2178
1200	40	1001	1251	1501	1751	2002	2502	3002	3503	3753	1,2172
1230	41	1017	1272	1526	1780	2035	2543	3052	3561	3815	1,2178
1260	42	1035	1294	1553	1811	2070	2588	3105	3623	3882	1,2178

WIDTH L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500	Exp. n	
Height H [mm]	N° El.	Watt Δt=50°C									
150	5	726	772	817	862	908	953	999	1044	1135	1,2383
180	6	840	892	945	997	1050	1102	1155	1207	1312	1,2376
210	7	952	1012	1071	1131	1190	1250	1309	1369	1488	1,2370
240	8	1054	1120	1186	1252	1318	1383	1449	1515	1647	1,2364
270	9	1167	1240	1313	1386	1459	1532	1605	1678	1824	1,2358
300	10	1281	1361	1441	1521	1601	1681	1761	1841	2001	1,2352
330	11	1390	1477	1564	1651	1738	1825	1912	1999	2173	1,2346
360	12	1498	1592	1685	1779	1872	1966	2060	2153	2341	1,2340
390	13	1606	1706	1806	1907	2007	2107	2208	2308	2509	1,2334
420	14	1711	1818	1925	2032	2139	2246	2353	2460	2674	1,2328
450	15	1813	1926	2039	2153	2266	2379	2493	2606	2833	1,2321
480	16	1914	2034	2154	2273	2393	2513	2632	2752	2991	1,2315
510	17	2016	2142	2268	2394	2520	2646	2772	2898	3150	1,2309
540	18	2114	2246	2378	2510	2642	2775	2907	3039	3303	1,2303
570	19	2212	2350	2488	2626	2765	2903	3041	3179	3456	1,2297
600	20	2310	2454	2598	2743	2887	3031	3176	3320	3609	1,2291
630	21	2403	2554	2704	2854	3004	3154	3305	3455	3755	1,2285
660	22	2497	2653	2809	2965	3122	3278	3434	3590	3902	1,2281
690	23	2589	2751	2913	3075	3236	3398	3560	3722	4046	1,2275
720	24	2681	2849	3016	3184	3351	3519	3686	3854	4189	1,2269
750	25	2771	2944	3117	3291	3464	3637	3810	3983	4330	1,2261
780	26	2861	3040	3219	3397	3576	3755	3934	4113	4470	1,2255
810	27	2949	3133	3318	3502	3686	3871	4055	4239	4608	1,2249
840	28	3037	3227	3417	3606	3796	3986	4176	4366	4745	1,2243
870	29	3121	3316	3511	3706	3901	4096	4291	4487	4877	1,2237
900	30	3207	3408	3608	3808	4009	4209	4410	4610	5011	1,2231
930	31	3291	3497	3703	3908	4114	4320	4525	4731	5143	1,2225
960	32	3373	3584	3795	4006	4217	4428	4638	4849	5271	1,2219
990	33	3455	3671	3887	4103	4319	4535	4751	4967	5399	1,2213
1020	34	3538	3759	3980	4201	4422	4643	4864	5085	5528	1,2207
1050	35	3618	3844	4070	4296	4522	4748	4974	5201	5653	1,2203
1080	36	3696	3927	4158	4389	4620	4851	5082	5313	5775	1,2197
1110	37	3774	4010	4246	4482	4718	4954	5190	5425	5897	1,2191
1140	38	3852	4093	4334	4575	4816	5056	5297	5538	6019	1,2185
1170	39	3929	4174	4420	4665	4911	5156	5402	5648	6139	1,2178
1200	40	4003	4253	4503	4754	5004	5254	5504	5754	6255	1,2172
1230	41	4069	4324	4578	4832	5087	5341	5595	5850	6358	1,2178
1260	42	4140	4399	4658	4917	5175	5434	5693	5952	6469	1,2178





ARIANNA



EUROPEAN
WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel Ø 30 mm.
- Double vertical heating elements in painted mild steel Ø 38 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

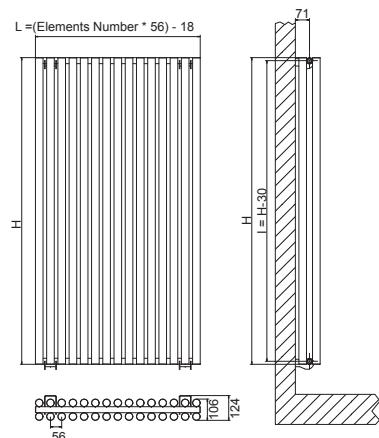
P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	----------------	--

Height H [mm]	330	380	430	530	630	780	830	930	1030
Therm. output per el. Δt = 50 °C [Watt]	46,2	52,1	56,4	66,4	77,9	91,2	96,9	106,3	116,6
Dry Weight per section [kg]	0,838	0,947	1,056	1,274	1,492	1,819	1,928	2,146	2,364
Element Water content [lt]	0,721	0,821	0,92	1,119	1,318	1,617	1,716	1,916	2,115
Element surface [m²]	0,089	0,101	0,113	0,137	0,161	0,197	0,209	0,233	0,256
Exp. n	1,2651	1,2654	1,2682	1,2713	1,2758	1,2790	1,2850	1,2884	1,2946
Pipe Centres I [mm] (V3-V4 only)	300	350	400	500	600	750	800	900	1000

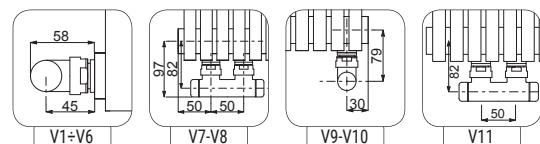
For output at different Δt than 50°C, please refer to the following formula:

$$\text{desired output} = \text{output at } \Delta t = 50^\circ\text{C} \times (\text{desired } \Delta t / 50)^\text{n}$$

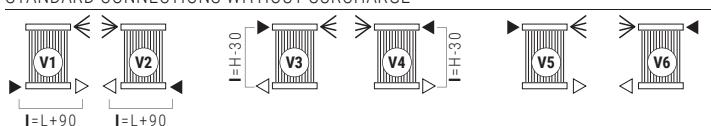
Height H [mm]	1830	2030
Therm. output per el. Δt = 50 °C [Watt]	208,2	234,4
Dry Weight per section [kg]	4,108	4,544
Element Water content [lt]	3,707	4,105
Element surface [m²]	0,447	0,495
Exp. n	1,2983	1,2992
Pipe Centres I [mm] (V3-V4 only)	1800	2000



Quotes for Kristal valves



STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda=



Airvent

H Height

I Pipe Centres

L WIDTH

Sleeve

Always specify the kind of connection needed when ordering.

Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR ARIANNA

ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION							
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	Numero elements	Height in cm	Article code of the connection	Article code of the colour	Constant value	In case of a radiator:	AT38	16	183	V02	S16	A	AT38 ARIANNA
AAAA	BB	CCC	DDD	EEE	A	E.g.: Arianna	E.g.: 16 elements	Example: 1830 mm	E.g.: connection V2	E.g.: S16 - Canary	E.g.: A	16 elements (see the table shown on the side)	16	183	V02	S16	A	16 elements (see the table shown on the side)	

ACCESSORIES

Kristal valve square With thermostatic option White R01 - ral 9010	Kristal valve square Pipe centres 50 mm left white R01 - ral 9010	White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160	Copper conn. Ø 12/14/15 Art. nr. 5991990311186 Multilayer conn. Ø 16 Art. nr. 5991990311185	(Kit 2 pieces) Art. nr. 5035270710016

ARIANNA

All intermediate sizes are available for heights from 330 to 2030 mm

Height H [mm]	330	380	430	530	630	780	830	930	1030
WIDTH L [mm]	N° El.	Watt Δt=50°C							
318	6	277	312	339	399	467	547	582	638
374	7	324	365	395	465	545	638	744	816
430	8	370	417	452	531	623	730	851	933
486	9	416	469	508	598	701	821	957	1050
542	10	462	521	564	664	779	912	1063	1166
598	11	509	573	621	731	857	1003	1170	1283
654	12	555	625	677	797	935	1094	1163	1276
710	13	601	677	734	863	1013	1186	1260	1382
766	14	647	729	790	930	1091	1277	1357	1489
822	15	694	781	847	996	1168	1368	1454	1595
878	16	740	833	903	1063	1246	1459	1551	1701
934	17	786	885	960	1129	1324	1550	1648	1808
990	18	832	937	1016	1196	1402	1642	1745	1914
1046	19	879	989	1072	1262	1480	1733	1842	2020
1102	20	925	1042	1129	1328	1558	1824	1939	2127
1158	21	971	1094	1185	1395	1636	1915	2036	2233
1214	22	1017	1146	1242	1461	1714	2006	2133	2339
1270	23	1064	1198	1298	1528	1792	2098	2229	2446
1326	24	1110	1250	1355	1594	1870	2189	2326	2552
1382	25	1156	1302	1411	1660	1947	2280	2423	2658
1438	26	1202	1354	1467	1727	2025	2371	2520	2765
1494	27	1249	1406	1524	1793	2103	2462	2617	2871
1550	28	1295	1458	1580	1860	2181	2554	2714	2977
1606	29	1341	1510	1637	1926	2259	2645	2811	3084
1662	30	1387	1562	1693	1993	2337	2736	2908	3190
									3498



Height H [mm]	1830	2030	
WIDTH L [mm]	N° El.	Watt Δt=50°C	Watt Δt=50°C
318	6	1249	1406
374	7	1457	1641
430	8	1665	1875
486	9	1874	2110
542	10	2082	2344
598	11	2290	2579
654	12	2498	2813
710	13	2706	3047
766	14	2915	3282
822	15	3123	3516

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MY WAY®
SYSTEM

ACCESSORIES
AND TECHNICAL
SUPPORT



DORIANA VERTICAL



EN 442-1
RADIATORS AND CONVECTORS



page 216

EUROPEAN
WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel, semiovali 30x40 mm.
- Vertical heating elements in painted mild steel Ø 25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice. The kit is certified from TÜV in compliance with VDI 6032-class 4. hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

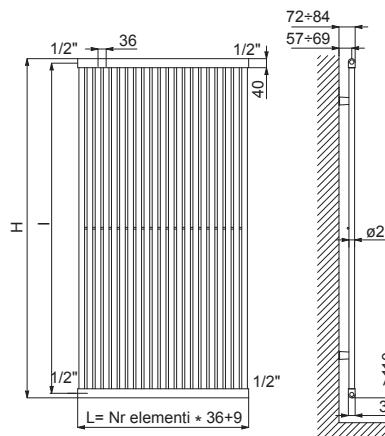
P. Max: 8 bar	Functioning: hot water	T. Max: 110 °C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

Height H [mm]	500	600	700	800	900	1000	1200	1400	1500
Therm. output per el. Δt = 50 °C [Watt]	23,7	27,9	32,1	36,2	40,3	44,3	52,4	60,4	64,5
Dry Weight per section [kg]	0,342	0,39	0,438	0,486	0,533	0,58	0,627	0,772	0,82
Element Water content [lt]	0,281	0,324	0,367	0,41	0,453	0,496	0,539	0,668	0,711
Element surface [m²]	0,048	0,056	0,064	0,072	0,08	0,088	0,096	0,119	0,127
Exp. n	1,2791	1,2801	1,2810	1,2820	1,2830	1,2839	1,2859	1,2878	1,2888
Pipe Centres l [mm] (V3-V4 only)	450	550	650	750	850	950	1150	1350	1450

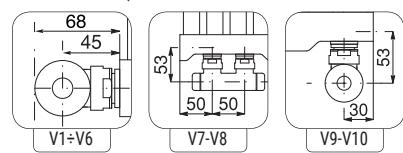
For output at different Δt than 50°C, please refer to the following formula:

$$\text{desired output} = \text{output at } \Delta t = 50^\circ\text{C} \times (\text{desired } \Delta t/50)^n$$

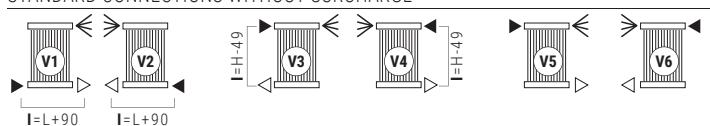
Height H [mm]	1600	1800	2000	2200	2300	2500
Therm. output per el. Δt = 50 °C [Watt]	68,5	76,5	84,5	92,6	96,6	105
Dry Weight per section [kg]	0,868	0,963	1,059	1,155	1,202	1,298
Element Water content [lt]	0,754	0,84	0,926	1,012	1,055	1,141
Element surface [m²]	0,135	0,151	0,166	0,182	0,19	0,205
Exp. n	1,2897	1,2917	1,2936	1,2955	1,2965	1,2984
Pipe Centres l [mm] (V3-V4 only)	1550	1750	1950	2150	2250	2450



Quotes for Kristal valves

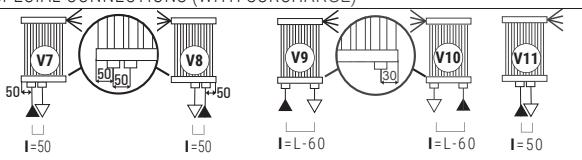


STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda= ► In □ Out ← Airvent H Height I Pipe Centres L WIDTH

SPECIAL CONNECTIONS (WITH SURCHARGE)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR DORIANA VERTICAL

ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION							
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	Numero elements	Height in cm	Article code of the connection	Article code of the colour	Constant value	In case of a radiator:	DO25	15	180	V01	S16	A	DO25 DORIANA VERTICAL
AAAA	BB	CCC	DDD	EEE	A	E.g.: Doriana vertical	E.g.: 15 elements	Example: 1800 mm	Example: connection V1	Example: connection V1	Example: connection V1	15 elements (see the table shown on the side)	15	180	V01	S16	A	15 elements (see the table shown on the side)	

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010	Kristal valve square Pipe centres 50 mm left white R01 - ral 9010	White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160	Copper conn. Ø 12/14/15 Art. nr. 5991990311186 Multilayer conn. Ø 16 Art. nr. 5991990311185	(Kit 2 pieces) Art. nr. 5035270710016

DORIANA VERTICAL

All intermediate sizes are available for widths from 5 to 38 elements and heights from 500 to 2500 mm

Height H [mm]	500	600	700	800	900	1000	1200	1400	1500
WIDTH L [mm]	N° El.	Watt Δt=50°C							
189	5	119	140	161	181	202	222	262	302
225	6	142	167	193	217	242	266	314	362
261	7	166	195	225	253	282	310	367	423
297	8	190	223	257	290	322	354	419	483
333	9	213	251	289	326	363	399	472	544
369	10	237	279	321	362	403	443	524	604
405	11	261	307	353	398	443	487	576	664
441	12	284	335	385	434	484	532	629	725
477	13	308	363	417	471	524	576	681	785
513	14	332	391	449	507	564	620	734	846
549	15	356	419	482	543	605	665	786	906
585	16	379	446	514	579	645	709	838	966
621	17	403	474	546	615	685	753	891	1027
657	18	427	502	578	652	725	797	943	1087
693	19	450	530	610	688	766	842	996	1148
729	20	474	558	642	724	806	886	1048	1208
765	21	498	586	674	760	846	930	1100	1268
801	22	521	614	706	796	887	975	1153	1329
837	23	545	642	738	833	927	1019	1205	1389
873	24	569	670	770	869	967	1063	1258	1450
909	25	593	698	803	905	1008	1108	1310	1510
945	26	616	725	835	941	1048	1152	1362	1570
981	27	640	753	867	977	1088	1196	1415	1631
1017	28	664	781	899	1014	1128	1240	1467	1691
1053	29	687	809	931	1050	1169	1285	1520	1752
1089	30	711	837	963	1086	1209	1329	1572	1812
1125	31	735	865	995	1122	1249	1373	1624	1872
1161	32	758	893	1027	1158	1290	1418	1677	1933
1197	33	782	921	1059	1195	1330	1462	1729	1993
1233	34	806	949	1091	1231	1370	1506	1782	2054
1269	35	830	977	1124	1267	1411	1551	1834	2114
1305	36	853	1004	1156	1303	1451	1595	1886	2174
1341	37	877	1032	1188	1339	1491	1639	1939	2235
1377	38	901	1060	1220	1376	1531	1683	1991	2295

Height H [mm]	1600	1800	2000	2200	2300	2500
WIDTH L [mm]	N° El.	Watt Δt=50°C				
189	5	343	383	423	463	483
225	6	411	459	507	556	580
261	7	480	536	592	648	676
297	8	548	612	676	741	773
333	9	617	689	761	833	869
369	10	685	765	845	926	966
405	11	754	842	930	1019	1063
441	12	822	918	1014	1111	1159
477	13	891	995	1099	1204	1256
513	14	959	1071	1183	1296	1352
549	15	1028	1148	1268	1389	1449
585	16	1096	1224	1352	1482	1546
621	17	1165	1301	1437	1574	1642
657	18	1233	1377	1521	1667	1739
693	19	1302	1454	1606	1759	1835
729	20	1370	1530	1690	1852	1932
765	21	1439	1607	1775	1945	2029
801	22	1507	1683	1859	2037	2125
837	23	1576	1760	1944	2130	2222
873	24	1644	1836	2028	2222	2318
909	25	1713	1913	2113	2315	2415
945	26	1781	1989	2197	2408	2512
981	27	1850	2066	2282	2500	2608
1017	28	1918	2142	2366	2593	2705
1053	29	1987	2219	2451	2685	2801
1089	30	2055	2295	2535	2778	2898
1125	31	2124	2372	2620	2871	2995
1161	32	2192	2448	2704	2963	3091
1197	33	2261	2525	2789	3056	3188
1233	34	2329	2601	2873	3148	3284
1269	35	2398	2678	2958	3241	3381
1305	36	2466	2754	3042	3334	3478
1341	37	2535	2831	3127	3426	3574
1377	38	2603	2907	3211	3519	3671

ARDESIA®
TOWEL RAILS

INOX RANGE
ELECTRIC RADIATORS
AND FAN HEATER

LIVING
DESIGN RADIATORS
VENTILATED
RADIATORS
MY WAY®
SYSTEM
ACCESSORIES
AND TECHNICAL
SUPPORT



DORIANA HORIZONTAL



EN 442-1
RADIATORS AND CONVECTORS



page 218

EUROPEAN
WARRANTY

MATERIAL:

- Vertical collectors in painted mild steel, semiovali 30x40 mm.
- Horizontal heating elements in painted mild steel Ø 25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls,

user notice. The kit is certified from TÜV in compliance with VDI 6036-class 4. hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

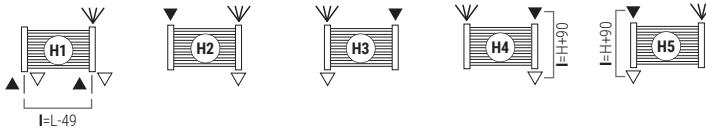
P. Max: 8 bar	Functioning: hot water	T. Max: 110 °C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

WIDTH L [mm]	500	600	700	800	900	1000	1200	1400	1500
Dry Weight per section [kg]	0,342	0,39	0,438	0,486	0,533	0,58	0,627	0,772	0,82
Element Water content [lt]	0,281	0,324	0,367	0,41	0,453	0,496	0,539	0,668	0,711
Element surface [m ²]	0,048	0,056	0,064	0,072	0,08	0,088	0,096	0,119	0,127
Pipe Centres I [mm] (H1 only)	450	550	650	750	850	950	1150	1350	1450

For output at different Δt than 50°C, please refer to the following formula:
desired output = output at Δt 50°C x (desired Δt/50)ⁿ

WIDTH L [mm]	1600	1800	2000	2200	2300	2500
Dry Weight per section [kg]	0,868	0,963	1,059	1,155	1,202	1,298
Element Water content [lt]	0,754	0,84	0,926	1,012	1,055	1,141
Element surface [m ²]	0,135	0,151	0,166	0,182	0,19	0,205
Pipe Centres I [mm] (H1 only)	1550	1750	1950	2150	2250	2450

STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda=



Airvent

H Height

I Pipe Centres

L WIDTH

Sleeve

Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR DORIANA HORIZONTAL

ARTICLE NR. STRUCTURE					
Radiator model	Elements nr.	WIDTH in cm	Article code of the connection	Article code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A

EXAMPLE

Radiator model E.g.: Doriana horizontal	Numero elements E.g.: 18 elements	WIDTH in cm Example: 1200 mm	Article code of the connection Example: connection H4	Article code of the colour Example: S16 - Canary	Constant value
DO25	18	120	H04	S16	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

DO25 DORIANA HORIZONTAL

18 18 elements (see the table shown on the side)

120 WIDTH 1200 mm (see the table shown on the side)

H04 connection H4

S16 colour S16 - Canary (see page 540)

A (Constant value)

The article code will be:

DO25 18 120 H04 S16 A

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010	Kristal valve corner right with thermostatic option white R01 - ral 9010	White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160	Copper conn. Ø 12/14/15 Art. nr. 5991990311176 Multilayer conn. Ø 16 Art. nr. 5991990311175	(Kit 2 pieces) Art. nr. 5035270710016

DORIANA HORIZONTAL

All intermediate sizes are available for widths from 5 to 38 elements and heights from 500 to 2500 mm

WIDTH L [mm]	500	600	700	800	900	1000	1200	1400	1500	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C								
189	5	103	124	144	165	185	206	247	288	309
225	6	124	149	174	198	223	248	298	347	372
261	7	145	173	202	231	260	289	347	405	434
297	8	166	199	232	265	298	331	397	463	497
333	9	186	223	260	298	335	372	446	521	558
369	10	207	248	290	331	373	414	497	580	621
405	11	228	273	319	364	410	455	546	637	683
441	12	248	298	347	397	446	496	595	694	744
477	13	269	322	376	430	483	537	644	752	806
513	14	289	346	404	462	519	577	692	808	866
549	15	309	371	433	494	556	618	742	865	927
585	16	329	395	461	526	592	658	790	921	987
621	17	349	419	489	558	628	698	838	977	1047
657	18	369	443	517	590	664	738	886	1033	1107
693	19	389	467	545	622	700	778	934	1089	1167
729	20	409	491	573	654	736	818	982	1145	1227
765	21	429	514	600	686	771	857	1028	1200	1286
801	22	448	538	627	717	806	896	1075	1254	1344
837	23	468	561	655	748	842	935	1122	1309	1403
873	24	487	584	682	779	877	974	1169	1364	1461
909	25	506	607	708	810	911	1012	1214	1417	1518
945	26	526	631	736	841	946	1051	1261	1471	1577
981	27	545	653	762	871	980	1089	1307	1525	1634
1017	28	564	676	789	902	1014	1127	1352	1578	1691
1053	29	583	699	816	932	1049	1165	1398	1631	1748
1089	30	601	721	841	962	1082	1202	1442	1683	1803
1125	31	620	743	867	991	1115	1239	1487	1735	1859
1161	32	638	766	893	1021	1148	1276	1531	1786	1914
1197	33	657	788	919	1050	1182	1313	1576	1838	1970
1233	34	675	810	945	1080	1215	1350	1620	1890	2025
1269	35	694	832	971	1110	1248	1387	1664	1942	2081
1305	36	712	854	996	1138	1281	1423	1708	1992	2135
1341	37	730	875	1021	1167	1313	1459	1751	2043	2189
1377	38	748	897	1047	1196	1346	1495	1794	2093	2243

ARDÈSIA®

TOWEL RAILS
ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MY WAY®
SYSTEM

ACCESSORIES
AND TECHNICAL
SUPPORT

WIDTH L [mm]	1600	1800	2000	2200	2300	2500	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C					
189	5	330	371	412	453	474	515
225	6	397	446	496	546	570	620
261	7	462	520	578	636	665	723
297	8	530	596	662	728	761	828
333	9	595	670	744	818	856	930
369	10	662	745	828	911	952	1035
405	11	728	819	910	1001	1047	1138
441	12	794	893	992	1091	1141	1240
477	13	859	967	1074	1181	1235	1343
513	14	923	1039	1154	1269	1327	1443
549	15	989	1112	1236	1360	1421	1545
585	16	1053	1184	1316	1448	1513	1645
621	17	1117	1256	1396	1536	1605	1745
657	18	1181	1328	1476	1624	1697	1845
693	19	1245	1400	1556	1712	1789	1945
729	20	1309	1472	1636	1800	1881	2045
765	21	1371	1543	1714	1885	1971	2143
801	22	1434	1613	1792	1971	2061	2240
837	23	1496	1683	1870	2057	2151	2338
873	24	1558	1753	1948	2143	2240	2435
909	25	1619	1822	2024	2226	2328	2530
945	26	1682	1892	2102	2312	2417	2628
981	27	1742	1960	2178	2396	2505	2723
1017	28	1803	2029	2254	2479	2592	2818
1053	29	1864	2097	2330	2563	2680	2913
1089	30	1923	2164	2404	2644	2765	3005
1125	31	1982	2230	2478	2726	2850	3098
1161	32	2042	2297	2552	2807	2935	3190
1197	33	2101	2363	2626	2889	3020	3283
1233	34	2160	2430	2700	2970	3105	3375
1269	35	2219	2497	2774	3051	3190	3468
1305	36	2277	2561	2846	3131	3273	3558
1341	37	2334	2626	2918	3210	3356	3648
1377	38	2392	2691	2990	3289	3439	3738



TAMARA VERTICAL



EUROPEAN
WARRANTY

NEW

MATERIAL:

- Horizontal collectors in painted mild steel Ø 30 mm.
- Vertical heating elements in painted mild steel elliptical 50 x 25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

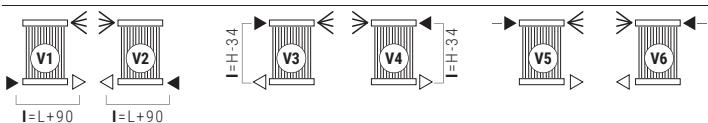
P. Max: 5 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	----------------	--

Height H [mm]	600	800	1000	1200	1400	1600	1800	2000
Therm. output per el. Δt = 50 °C [Watt]	45,1	58,4	71,5	84,6	97,7	110,8	124,2	137,6
Dry Weight per section [kg]	0,827	1,049	1,271	1,492	1,714	1,935	2,157	2,379
Element Water content [lt]	0,608	0,805	1,001	1,198	1,394	1,59	1,787	1,983
Element surface [m²]	0,083	0,107	0,13	0,154	0,177	0,201	0,224	0,248
Exp. n	1,2372	1,2536	1,2701	1,2711	1,2720	1,2730	1,2739	1,2748
Pipe Centres l [mm] (V3-V4 only)	566	766	966	1166	1366	1566	1766	1966

For output at different Δt than 50°C, please refer to the following formula:

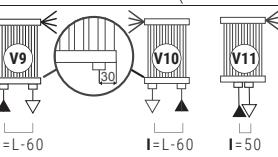
desired output = output at Δt 50°C x (desired Δt/50)ⁿ

STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda= ► In □ Out ← Airvent H Height I Pipe Centres

SPECIAL CONNECTIONS (WITH SURCHARGE)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR TAMARA VERTICAL

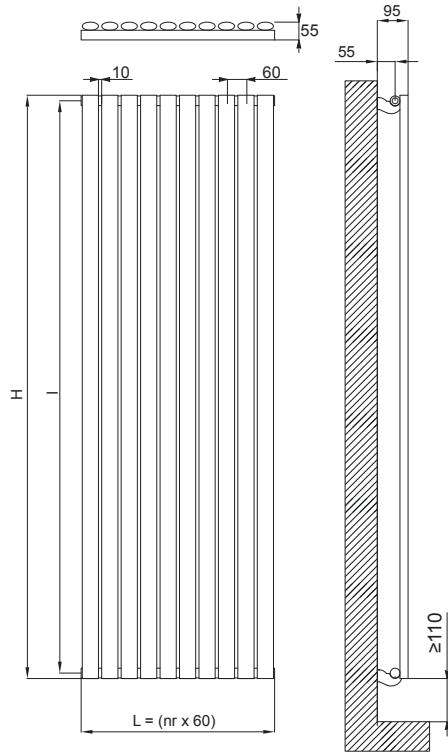
ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION		
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	Numero elements	Height in cm	Article code of the connection	Article code of the colour	Constant value	In the case of a radiator:	TAMARA VERTICAL	
AAAA	BB	CCC	DDD	EEE	A	TA50	24	180	V02	S16	A	24 elements (see the table shown on the side)	24 elements (see the table shown on the side)	

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010	Kristal valve square Pipe centres 50 mm left white R01 - ral 9010	White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160	Copper conn. Ø 12/14/15 Art. nr. 5991990311186 Multilayer conn. Ø 16 Art. nr. 5991990311185	(Kit 2 pieces) Art. nr. 5035270710016

TAMARA VERTICAL



Height H [mm]	600	800	1000	1200	1400	1600	1800	2000	INOX RANGE
WIDTH L [mm]	N° El.	Watt Δt=50°C	LIVING DESIGN RADIATORS						
300	5	226	292	358	423	489	554	621	688
360	6	271	350	429	508	586	665	745	826
420	7	316	409	501	592	684	776	869	963
480	8	361	467	572	677	782	886	994	1101
540	9	406	526	644	761	879	997	1118	1238
600	10	451	584	715	846	977	1108	1242	1376

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

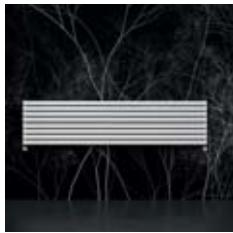
INOX RANGE

VENTILATED
RADIATORS

ACCESSORIES
AND TECHNICAL
SUPPORT

MY WAY®
SYSTEM

MODELS FOR
REPLACEMENT



TAMARA HORIZONTAL



page 222

EUROPEAN
WARRANTY

NEW

MATERIAL:

- Vertical collectors in painted mild steel Ø 30 mm.
- Horizontal heating elements in painted mild steel elliptical 50x25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

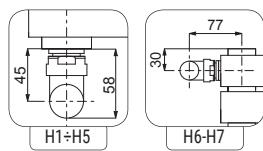
P. Max: 5 bar	Functioning: hot water	T. Max: 110 °C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
---------------	------------------------	----------------	--

WIDTH L [mm]	600	800	1000	1200	1400	1600	1800	2000
Therm. output per el. Δt = 50 °C [Watt]	39,6	54	67,3	79,3	90,41	99,4	107,4	114
Dry Weight per section [kg]	0,827	1,049	1,271	1,492	1,714	1,935	2,157	2,379
Element Water content [lt]	0,608	0,805	1,001	1,198	1,394	1,59	1,787	1,983
Element surface [m²]	0,083	0,107	0,13	0,154	0,177	0,201	0,224	0,248
Exp. n	1,1637	1,1721	1,1805	1,1748	1,1692	1,1636	1,0913	1,0701
Pipe Centres l [mm] (H1 only)	566	766	966	1166	1366	1566	1766	1966

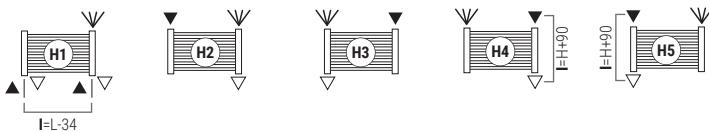
For output at different Δt than 50°C, please refer to the following formula:

$$\text{desired output} = \text{output at } \Delta t = 50^\circ\text{C} \times (\text{desired } \Delta t / 50)^n$$

Quotes for Kristal valves



STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda=



Airvent

H Height

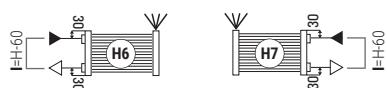
I Pipe Centres

L WIDTH



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available

SPECIAL CONNECTIONS (WITH SURCHARGE)



HOW TO ORDER THE RADIATOR TAMARA HORIZONTAL

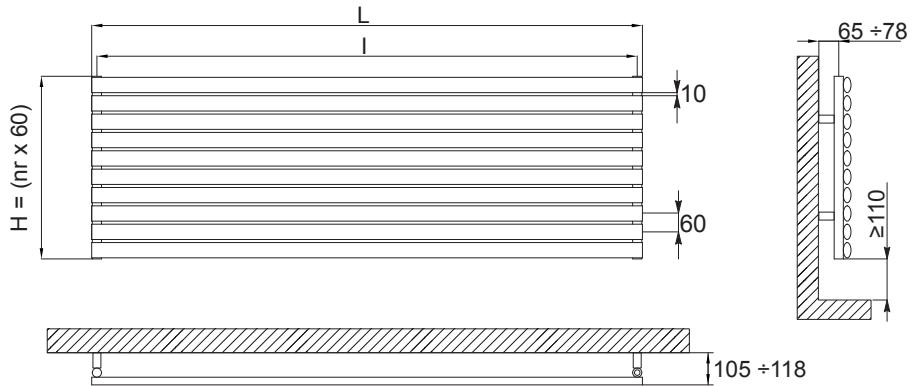
ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION		
Radiator model	Elements nr.	WIDTH in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	Numero elements	WIDTH in cm	Article code of the connection	Article code of the colour	Constant value	In case of a radiator:		
AAAA	BB	CCC	DDD	EEE	A	TA50	18	120	H02	S16	A	TA50	TAMARA HORIZONTAL	

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010		Kristal valve corner right with thermostatic option white R01 - ral 9010	
Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160		Copper conn. Ø 12/14/15 Art. nr. 5991990311176 Multilayer conn. Ø 16 Art. nr. 5991990311175	

TAMARA HORIZONTAL



WIDTH L [mm]	600	800	1000	1200	1400	1600	1800	2000	INOX RANGE
Height H [mm] N° El.	Watt Δt=50°C	LIVING DESIGN RADIATORS							
300 5	198	270	337	397	452	497	537	570	
360 6	238	324	404	476	542	596	644	684	
420 7	277	378	471	555	633	696	752	798	
480 8	317	432	538	634	723	795	859	912	
540 9	356	486	606	714	814	895	967	1026	
600 10	396	540	673	793	904	994	1074	1140	

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MY WAY®
SYSTEM

ACCESSORIES
AND TECHNICAL
SUPPORT



TAMARA TANDEM VERTICAL



page 224
EUROPEAN
WARRANTY

NEW

MATERIAL:

- Horizontal collectors in painted mild steel Ø 30 mm.
- Double vertical heating elements in painted mild steel elliptical 50 x 25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

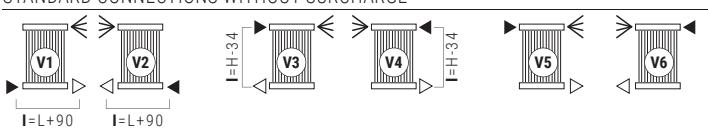
P. Max: 5 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	----------------	--

Height H [mm]	600	800	1000	1200	1400	1600	1800	2000
Therm. output per el. Δt = 50 °C [Watt]	69,7	90,1	110,1	129,8	149,3	168,7	188	207,3
Dry Weight per section [kg]	1,528	1,972	2,415	2,858	3,302	3,745	4,188	4,631
Element Water content [lt]	1,195	1,587	1,980	2,373	2,765	3,158	3,551	3,943
Element surface [m²]	0,156	0,203	0,250	0,297	0,344	0,391	0,438	0,485
Exp. n	1,2942	1,2956	1,2935	1,2987	1,3038	1,3089	1,3042	1,2994
Pipe Centres l [mm] (V3-V4 only)	566	766	966	1166	1366	1566	1766	1966

For output at different Δt than 50°C, please refer to the following formula:

desired output = output at Δt 50°C x (desired Δt/50)ⁿ

STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda=

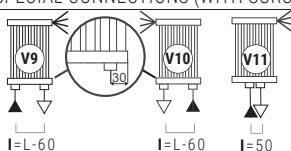


Airvent

H Height

I Pipe Centres

SPECIAL CONNECTIONS (WITH SURCHARGE)



L WIDTH



Always specify the kind of connection needed when ordering.

Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR TAMARA TANDEM VERTICAL

ARTICLE NR. STRUCTURE					
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A

EXAMPLE					
Radiator model	Numero elements	Height in cm	Article code of the connection	Article code of the colour	Constant value
TT50	12	180	V01	S16	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

TT50 TAMARA TANDEM VERTICAL

12 12 elements (see the table shown on the side)

180 Height 1800 mm (see the table shown on the side)

V01 connection V1

S16 colour S16 - Canary (see page 540)

A (Constant value)

The article code will be:

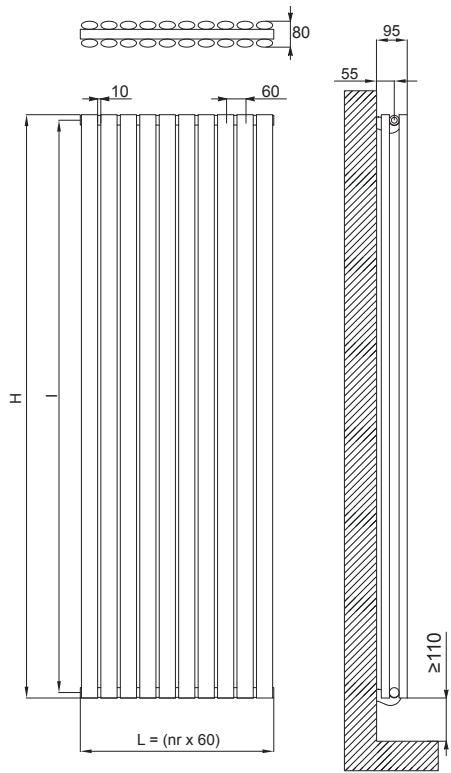
TT50 12 180 V01 S16 A

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010	Kristal valve square Pipe centres 50 mm left white R01 - ral 9010	White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160	Copper conn. Ø 12/14/15 Art. nr. 5991990311186 Multilayer conn. Ø 16 Art. nr. 5991990311185	(Kit 2 pieces) Art. nr. 5035270710016

TAMARA TANDEM VERTICAL



Height H [mm]	600	800	1000	1200	1400	1600	1800	2000	INOX RANGE
WIDTH L [mm]	N° El.	Watt Δt=50°C	LIVING DESIGN RADIATORS						
300	5	349	451	551	649	747	844	940	1037
360	6	418	541	661	779	896	1012	1128	1244
420	7	488	631	771	909	1045	1181	1316	1451
480	8	558	721	881	1038	1194	1350	1504	1658
540	9	627	811	991	1168	1344	1518	1692	1866
600	10	697	901	1101	1298	1493	1687	1880	2073

ARDÉSIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

VENTILATED
RADIATORS

ACCESSORIES
AND TECHNICAL
SUPPORT

MY WAY®
SYSTEM

MODELS FOR
REPLACEMENT



TAMARA TANDEM HORIZONTAL



page 226

EUROPEAN WARRANTY

NEW

MATERIAL:

- Vertical collectors in painted mild steel Ø 30 mm.
- Double horizontal heating elements in painted mild steel elliptical 50 x 25 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

ACCESSORIES

See page 508

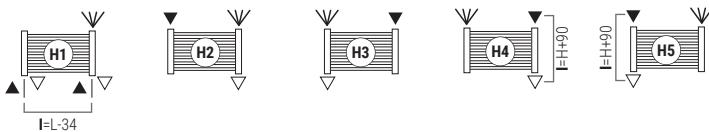
P. Max: 5 bar	Functioning: hot water	T. Max: 110 °C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas
---------------	------------------------	----------------	--

WIDTH L [mm]	600	800	1000	1200	1400	1600	1800	2000
Therm. output per el. Δt = 50 °C [Watt]	63,1	84	104,8	125,7	146,5	167,5	188,5	209,6
Dry Weight per section [kg]	1,528	1,972	2,415	2,858	3,302	3,745	4,188	4,631
Element Water content [lt]	1,195	1,587	1,980	2,373	2,765	3,158	3,551	3,943
Element surface [m²]	0,156	0,203	0,250	0,297	0,344	0,391	0,438	0,485
Exp. n	1,1930	1,1749	1,1569	1,1550	1,1532	1,1514	1,1516	1,1519
Pipe Centres l [mm] (H1 only)	566	766	966	1166	1366	1566	1766	1966

For output at different Δt than 50°C, please refer to the following formula:

$$\text{desired output} = \text{output at } \Delta t 50^\circ\text{C} \times (\text{desired } \Delta t / 50)^n$$

STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda=



Airvent

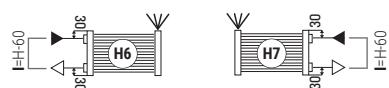
H Height

I Pipe Centres

L WIDTH



SPECIAL CONNECTIONS (WITH SURCHARGE)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR TAMARA TANDEM HORIZONTAL

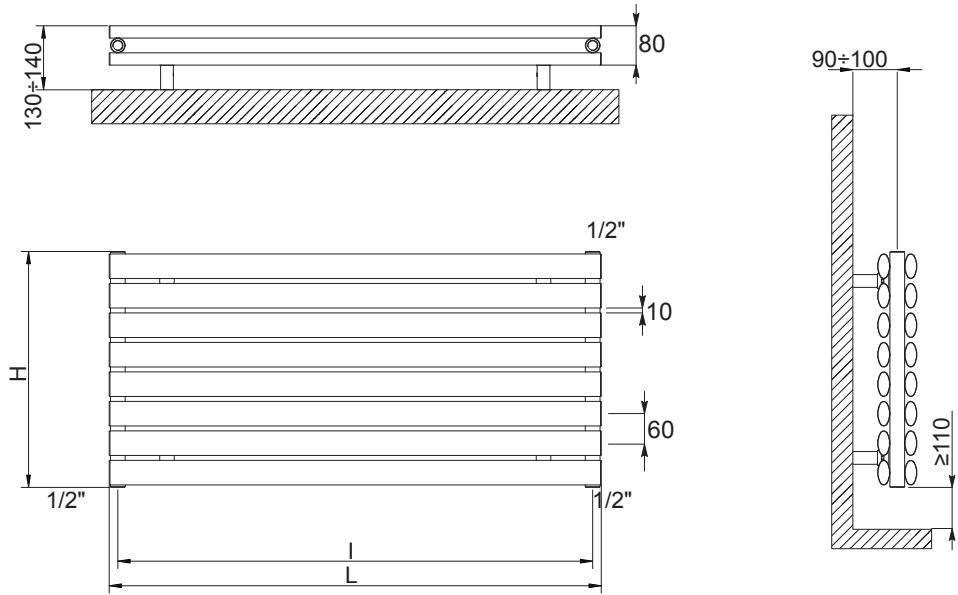
ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION					
Radiator model	Elements nr.	WIDTH in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	E.g.: Tamara tandem horizontal	Numero elements	E.g.: 12 elements	WIDTH in mm	Example: 1200 mm	Article code of the connection	E.g.: connection H4	Article code of the colour	E.g.: S16 - Canary	Constant value	
AAAA	BB	CCC	DDD	EEE	A	TT50	E.g.: Tamara tandem horizontal	12	E.g.: 12 elements	120	Example: 1200 mm	H04	connection H4	S16	colour S16 - Canary (see page 540)	A	

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010	Kristal valve corner right with thermostatic option white R01 - ral 9010	White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160	Copper conn. Ø 12/14/15 Art. nr. 5991990311176 Multilayer conn. Ø 16 Art. nr. 5991990311175	(Kit 2 pieces) Art. nr. 5035270710016

TAMARA TANDEM HORIZONTAL



WIDTH L [mm]	600	800	1000	1200	1400	1600	1800	2000
Height H [mm] N° El.	Watt $\Delta t=50^\circ\text{C}$							
300 5	316	420	524	629	733	838	943	1048
360 6	379	504	629	754	879	1005	1131	1258
420 7	442	588	734	880	1026	1173	1320	1467
480 8	505	672	838	1006	1172	1340	1508	1677
540 9	568	756	943	1131	1319	1508	1697	1886
600 10	631	840	1048	1257	1465	1675	1885	2096

ARDÉSIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

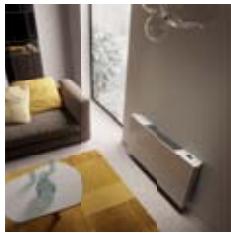
LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

ACCESSORIES
AND TECHNICAL
SUPPORT

MY WAY®
SYSTEM

MODELS FOR
REPLACEMENT



SOFI® HORIZONTAL HC

THE VENTILATED RADIATOR FOR HEATING / COOLING



page 230

EUROPEAN
WARRANTY

NEW

DESCRIPTION:

SOFI® is the brand new radiator with high power and efficiency, which combines the features and appearance of a traditional radiator with the functions and performance of a fan coil. Ideal for functioning even at low temperatures. SOFI® is a system that can be used in both, heating and cooling.

FIXING KIT:

Wall fixing plate and wall plugs suitable for compact or hollow brick walls.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.

Suitable for PICTURE version

For other colours price has to be increased by 30%.

Colour chart: see page 540

CLEANING:

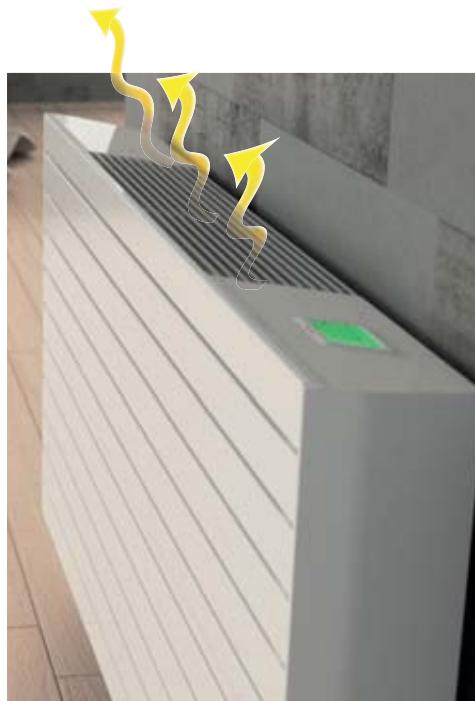
Folding front panel to allow accurate cleaning of the entire radiator.

Filters are easily removable, washable or replaceable.

Hot water working conditions:	Connections: 2 x 1/2" gas	P. Max: 5 bar	T. Max: 110° C
-------------------------------	---------------------------	---------------	----------------

Class protection:	CLASS 1	Power supply: 230V/50Hz
-------------------	---------	-------------------------

CERTIFICATIONS



- HIGH EFFICIENCY RADIATOR

- DC INVERTER BRUSHLESS MOTOR

- 3-WAY BY-PASS VALVE HOT/COLD

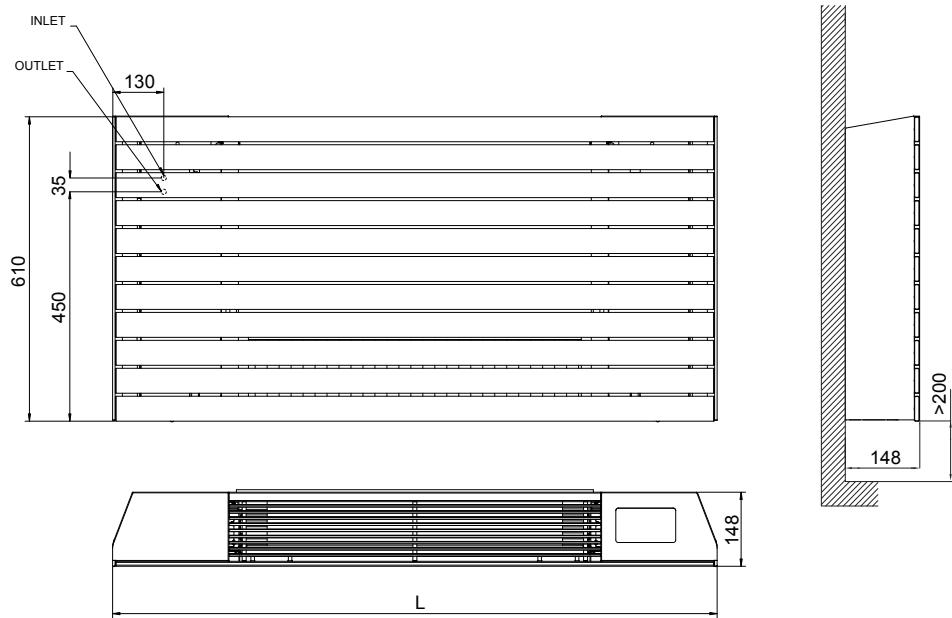
- VARIABLE SPEED BLOWER

- DIGITAL CONTROL UNIT AND ECO FUNCTION

- AVAILABLE IN 80 COLORS

SOFI® HORIZONTAL HC

THE VENTILATED RADIATOR FOR HEATING / COOLING



SOFI® HORIZONTAL HC

WIDTH L [mm]	Height H [mm]	Art. nr.	Thermal output in heating [Watt]										
			THERMAL OUTPUT IN HEATING			MEDIUM VENTILATION				MAXIMUM VENTILATION			
			T1 =70	T1 =60	T1= 50	T1 =70	T1 =60	T1= 50	T1= 45	T1 =70	T1 =60	T1= 50	T1 =45
800	610	3605776101001	1040	792	585	1952	1532	1175	987	2049	1627	1233	1015
1000	610	3605776101002	1709	1311	991	3533	2791	2170	1839	3726	3021	2286	1895
1200	610	3605776101003	2423	1997	1377	5079	4210	3035	2504	5372	4404	3196	2662
1400	610	3605776101004	3145	2591	1829	7202	5694	4085	3682	7202	6049	4645	3736

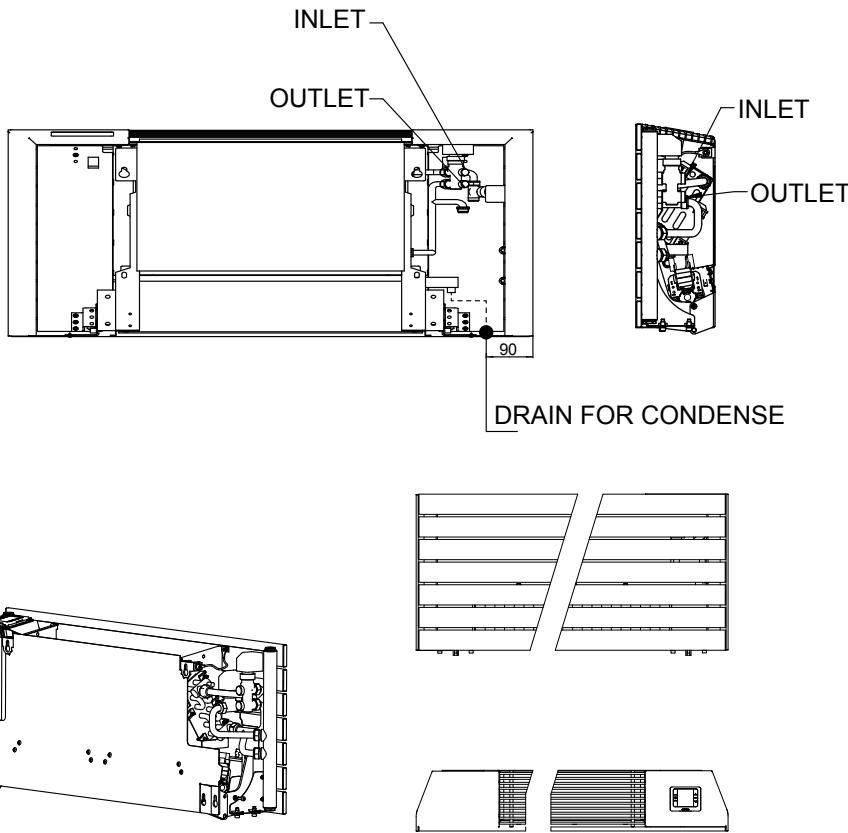
SOFI® HORIZONTAL HC

TECHNICAL CHARACTERISTICS

Model L [mm]	800		1000		1200		1400	
Fan speed	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
HEATING T1=70°C								
Output [watt]	1585	2049	2798	3726	4103	5372	5422	7202
Ambient temperature [°C]	20°C							
Flow rate [l/h]	162		343		471		600	
Pressure drop [kPa]	7,0		7,5		19,0		25,0	
heating T1=50°C								
Output [watt]	931	1233	1683	2286	2395	3196	3240	4645
Ambient temperature [°C]	20°C							
Flow rate [l/h]	142		302		453		573	
Pressure drop [kPa]	6,5		7,0		18,5		24,5	
COOLING 7°C								
Total Cooling Capacity [watt]	574	748	1148	1496	1834	2154	2536	3120
Sensible Cooling Capacity [watt]	470	610	941	1250	1503	1900	2079	2600
COOLING 12°C								
Output [watt]	376	480	752	960	1058	1412	1590	2066
Ambient temperature [°C]	27 - 19 °C							
Flow rate [l/h]	142		302		453		573	
Pressure drop [kPa]	7		9		22		28	
OTHER DATA								
Air flow heating [m³/h]	0	160	0	320	0	460	0	580
Air flow cooling [m³/h]	50	160	150	320	200	460	300	580
Sound pressure heating [db(A)]	0	44	0	44	0	44	0	44
Sound pressure cooling [db(A)]	28	44	28	44	28	44	28	44
Maximum electrical power absorbed [watt]	14		23		27		33	
Water content [lt]	5,2		5,6		7,4		8,4	
Dry weight [Kg]	33,5		43,1		52,8		60,4	

SOFI® HORIZONTAL HC

THE VENTILATED RADIATOR FOR HEATING / COOLING



- High efficiency radiator
- DC inverter Brushless motor
- 3-Way by-pass valve hot/cold
- Variable speed blower
- Digital control unit and ECO function



FEATURES

- Heating mode
- Cooling mode
- Auto mode
- Dehumidification mode
- Fan mode
- Electric valve 1 and 2
- Timer
- Electric heater
- Night mode
- Display touchpad block
- Fan mode
- Air inlet temperature and set temperature

IDEAL FOR HEAT PUMPS WITH (ΔT 30°C)

The radiator SOFI is suitable for installations working at low temperatures, such as condensing boilers, heat pumps and solar thermal, allowing considerable energy and cost savings.

HIGH EFFICIENCY ALSO WITH TRADITIONAL INSTALLATIONS

With systems that exploit traditional boilers, SOFI, thanks to its power and reduced thermal inertia, is the most efficient solution for maximum comfort in the shortest possible time, even with fewer terminals.

INDICATED FOR RENOVATIONS

Sofi® offers the opportunity to take advantage of new technologies for low temperatures efficiently and economically, without the need to intervene with heavy plant operations, thanks to the flexibility of connections.

MAXIMUM SILENCE

Even in ventilation mode, the SOFI offers maximum quietness of the devices. In addition, its electricity consumption is remarkably low (9.9 watts) thanks to the DC Inverter Brushless motor.

CLIMATE COMFORT MAINTENANCE

Climate comfort during nighttime with switched off ventilation, is granted by the plate of the radiator and by the finned coils through radiation and convection.

MAXIMUM HYGIENE AND EASY TO CLEAN

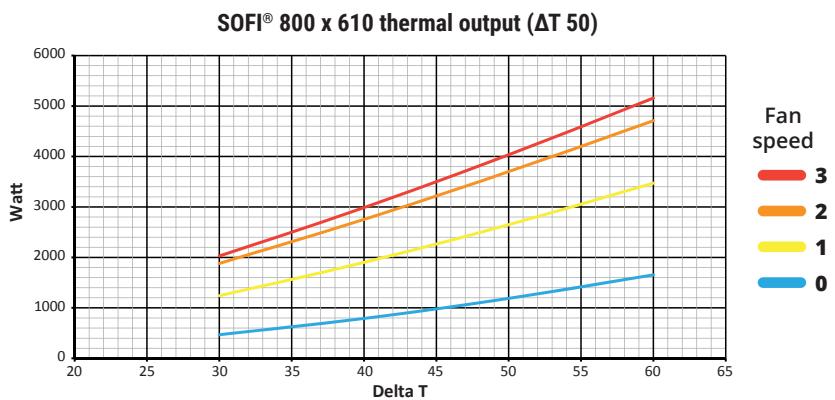
Sofi® is equipped with filters able to keep dust, dust mites, bacteria and odors to ensure maximum environments hygiene, limiting the allergenic making the air more breathable. The filters are easily removable, cleanable and replaceable. The radiator can be fully inspected for cleaning.

REDUCED DIMENSIONS, MAXIMUM VERSATILITY

Sofi® satisfies every need, thanks to the reduced dimensions, the elegant design, the 80 available colors and picture version.

SOFI® HORIZONTAL HC

THE VENTILATED RADIATOR FOR HEATING / COOLING



Standard EN 16430 - Fan Assisted Radiators/Convector

Following the scheme of Case 1

Diagram illustrating the test setup for Case 1 according to EN 16430. It shows a flow from a pump to a radiator, then through a heat exchanger, and back to the pump. A digital display shows the value 17851.

Equation: $\Phi_{MFS} = K_{m,MFS} \cdot (\Delta T)^n_{MFS}$

Data Input (yellow field):

test n°:	17851
Value of constant:	K _{m,MFS}
Value of exponent:	n _{MFS}
Nominal Thermal Output value:	Φ _{MFS,NOM}

Thermal Output Δt=30 K: 1878 W
Thermal Output Δt=60 K: 4190 W

1 Monobloc air/water heat pump

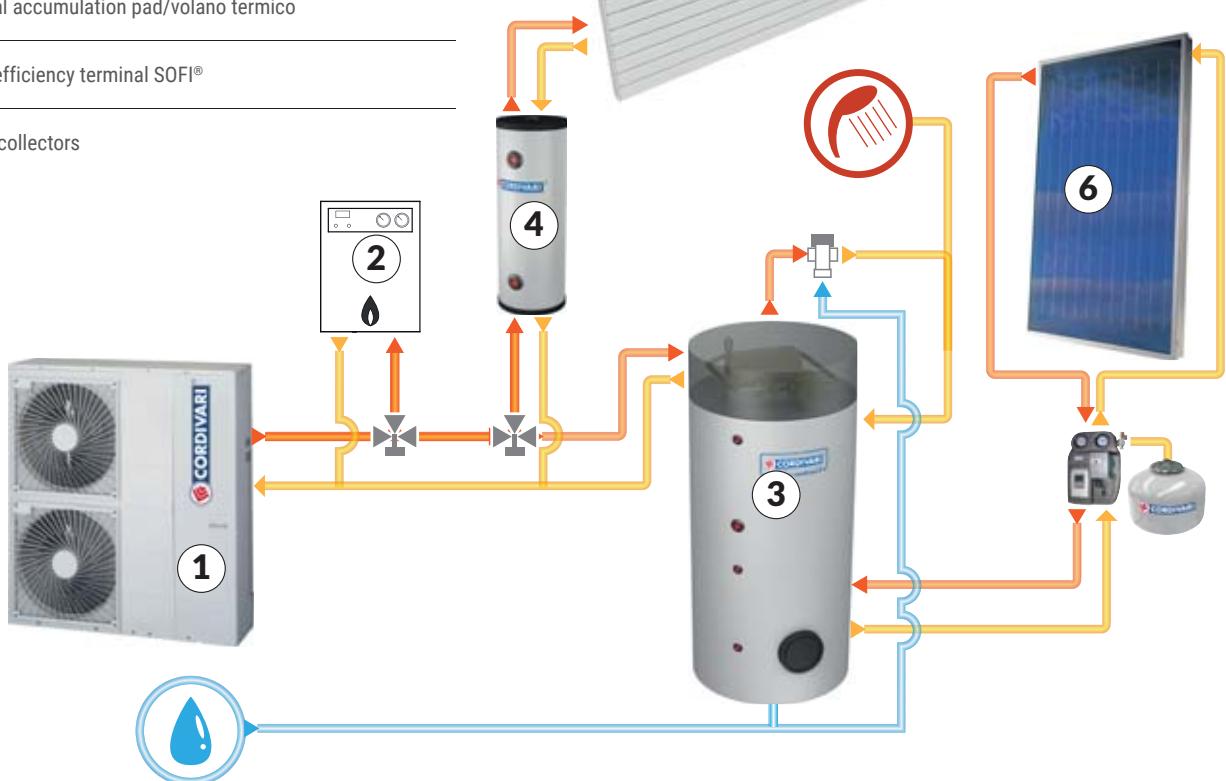
2 Eventual condensing boiler for back up

3 DHW calorifier BOLLY PDC specific for heat pump

4 Inertial accumulation pad/volano termico

5 High efficiency terminal SOFI®

6 Solar collectors





SOFI® VERTICAL

THE VENTILATED RADIATOR

PATENTED



page 232

EUROPEAN
WARRANTY

DESCRIPTION:

SOFI® is the radiator of high power and efficiency which combines the features and appearance of a traditional radiator and the performance of a fan coil. Ideal for operation even at low temperatures. SOFI® is a terminal for heating system.

FIXING KIT:

Wall fixing plate and wall plugs suitable for compact or hollow brick walls.

PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.

Suitable for PICTURE version

For other colours price has to be increased by 30%.

Colour chart: see page 540

ELECTRIC ENERGY CONSUMPTION:

9,9 watt.

Wire length: 500 mm.

Hot water working conditions:	P. Max: 5 bar	T. Max: 110° C
Class protection:	CLASS 2	Power supply: 230V/50Hz

CERTIFICATIONS



CONNECTIONS

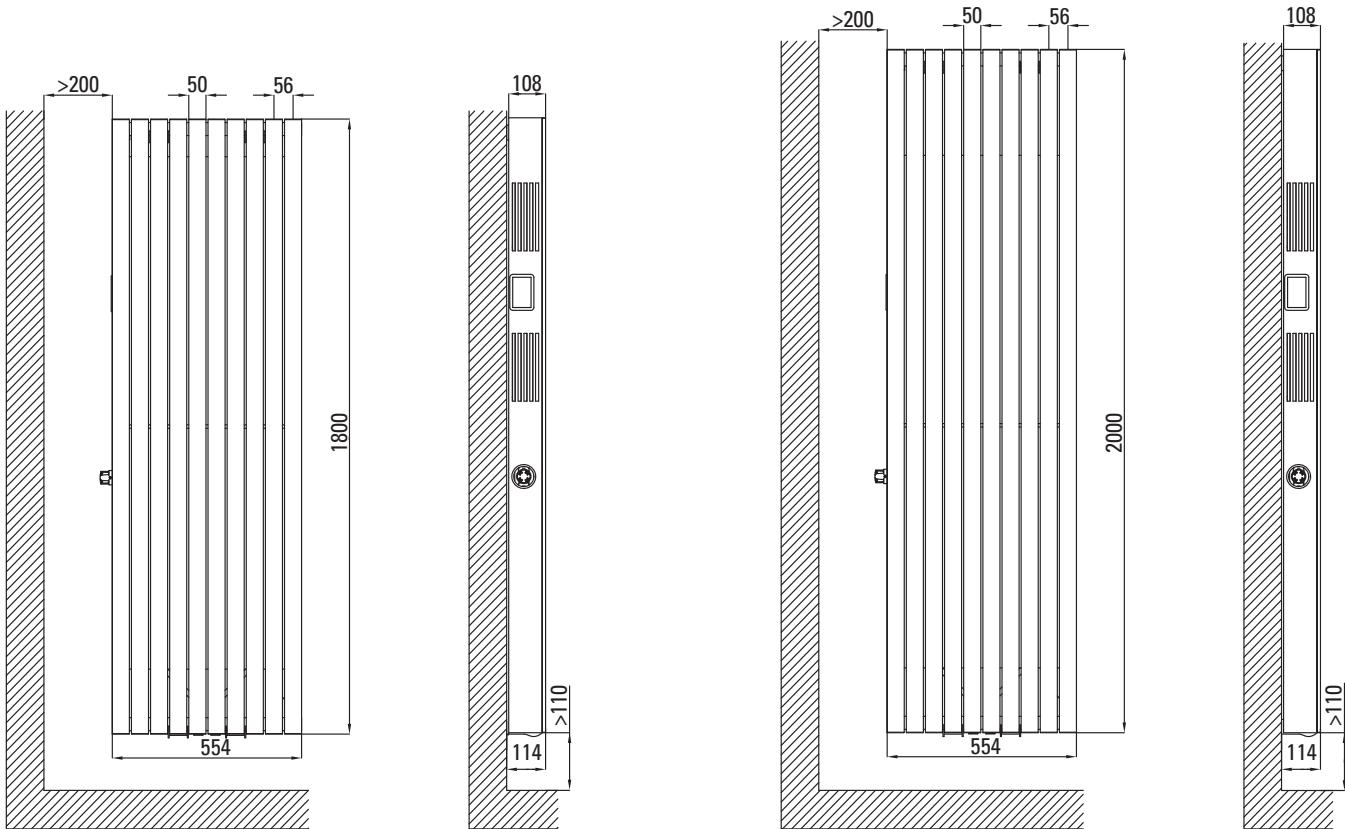


ACCESSORIES

Kristal valve square manual pipe centres 50 mm White R01 - ral 9010 Copper conn. Ø 12/14/15 Art. nr. 5991990311192 Multilayer conn. Ø 16 Art. nr. 5991990311191	Kristal valve straight manual pipe centres 50 mm White R01 - ral 9010 Copper conn. Ø 12/14/15 Art. nr. 5991990311194 Multilayer conn. Ø 16 Art. nr. 5991990311193
--	--

SOFI® VERTICAL

THE VENTILATED RADIATOR



SOFI® VERTICAL

Thermal output in heating
[Watt]

Height H [mm]	WIDTH L [mm]	Pipe Centres I [mm]	Art. nr.	Thermal output in heating [Watt]											
				OFF			SPEED 1			SPEED 2			SPEED 8 - BOOST		
				Δt=50°C	Δt=40°C	Δt=30°C	Δt=50°C	Δt=40°C	Δt=30°C	Δt=50°C	Δt=40°C	Δt=30°C	Δt=50°C	Δt=40°C	Δt=30°C
1800	554	50	3605776100003	2167	1711	1249	2571	1955	1305	2996	2277	1438	3257	2665	1564
2000	554	50	3605776100006	2287	1831	1369	2691	2075	1425	3116	2397	1558	3377	2785	1684

Art. nr. are referred to colour WHITE R01 - RAL 9010 version and V11 connection.

Height H [mm]	1800	2000
Dry Weight per section [kg]	52	55
Element Water content [lt]	17,8	19,7

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

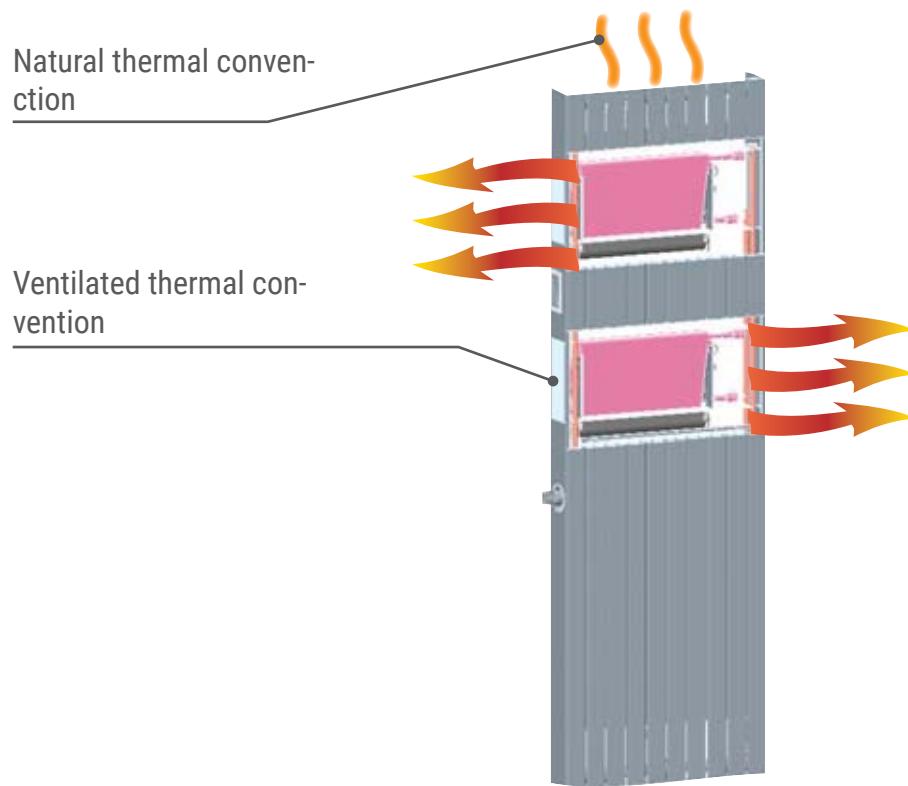
VENTILATED
RADIATORS

MY WAY®
SYSTEM

ACCESSORIES
AND TECHNICAL
SUPPORT

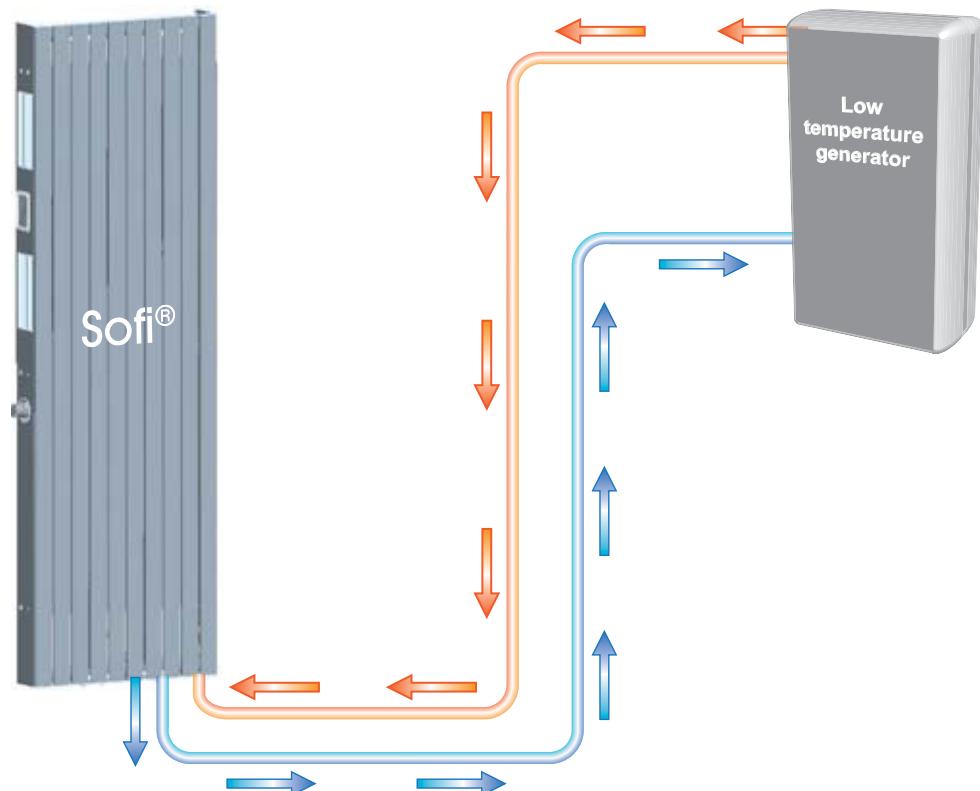
SOFI® VERTICAL

THE VENTILATED RADIATOR



THERMAL COMFORT

The ventilated radiator SOFI® combines the power of forced ventilation to natural radiation of traditional radiator. With the fans running SOFI® promotes rapid achievement of thermal comfort, with the fans off the heat is emanated by the plate of the radiator.



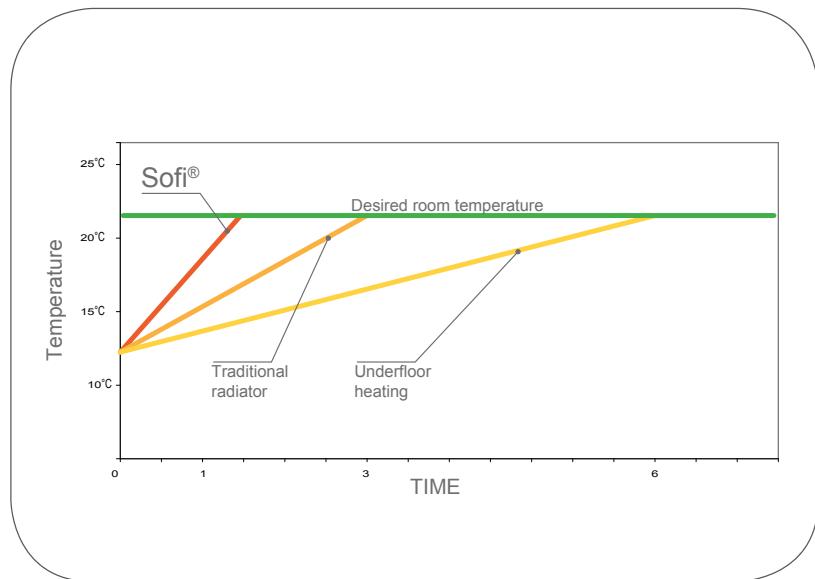
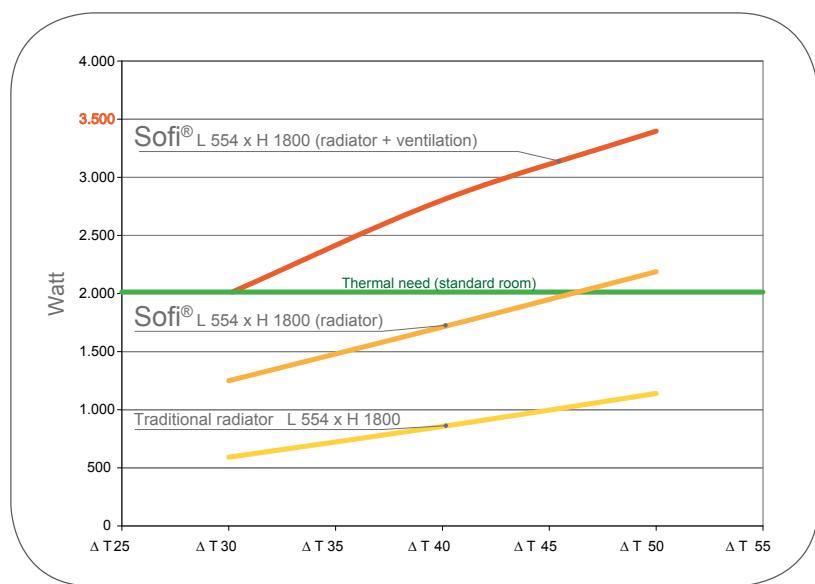
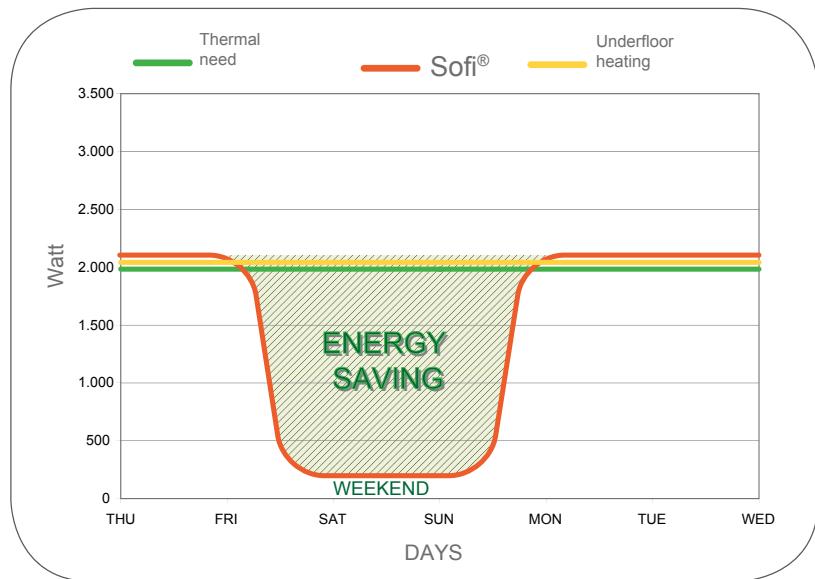
HYDRONIC SYSTEM

Sofi® is particularly suitable for installations working at low temperatures, such as condensing boilers, heat pumps and solar thermal, allowing considerable energy and cost savings.

SOFI leverages the principle of hydronic systems which water is used as a heat transfer fluid to heat. The hydronic system therefore has less restrictions with substantial advantages in terms of energy saving.

SOFI® VERTICAL

THE VENTILATED RADIATOR



EFFICIENCY

Consume comparison chart between the ventilated radiator SOFI® and a floor heating system.

The SOFI® during periods when the House is uninhabited (holiday period or when you are at work) is not functioning and this translates into energy savings, returned home SOFI® quickly allows to recreate the perfect climate comfort, or through the control unit you can program the time of switch on, which will find you your House already warm. As can be seen from the chart instead the underfloor heating systems must be running continuously to ensure climate comfort, even when the House is vacant, with greater energy waste.

OUTPUT

Comparison chart of thermal performance of a traditional radiator with our SOFI® with turned off fans.

As can be seen from the chart, with the same measurements also with the fans switched off, SOFI® has a longer performance compared to a traditional radiator, with the fans running SOFI® develops all its power reaching 3500 watt.

IMMEDIATE COMFORT

Comparison chart of the time to reach the desired room temperature between the ventilated radiator SOFI®, traditional radiator and a underfloor heating system. An underfloor heating system to reach the ideal room temperature takes about 6 hours from its ignition, a traditional radiator takes about 3 hours, SOFI® allows to reach the ideal temperature in 1 hour, much faster than the traditional radiator and the underfloor heating system and in more versatile way, as the fans can be switched on and off whenever you need it.



ARDESIA®

2 COLUMNS FOR REPLACEMENT



page 13

WARRANTY
5 YEARS

Functioning:	hot water
--------------	-----------

Maximun working pressure	10 bar
Testing conditions	13 bar

Maximum temperature	110°C
Minimum flow in % of the nominal flow rate:	18

Hub	1"
Section width	46 mm

MATERIAL:

- Pressed heads in carbon steel sheet.
- Welded carbon steel tube ø 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Standard white RAL 9010 - R01. Other colours surcharge 30%.

Colour chart: see page 540

CERTIFICATIONS**HOW TO ORDER ARDESIA® 2 COLUMNS****ARTICLE NR. STRUCTURE**

Model and nr COLUMNS	Elements nr.	Height in mm	Article code of the connection	Article code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr COLUMNS E.g.: Ardesia® 2 COLUMNS	Numero elements E.g.: 12 elements	Height in mm Example: 756 mm	Article code of the connection Example: connection 2	Article code of the colour Example: H48-Dove	Constant value
AR2	12	0756	002	H48	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR2 ... ARDESIA® 2 COLUMNS

12 ... 12 elements (see the table shown on the side)

0756 ... Height 756 mm (see the table shown on the side)

002 ... connection 2 (see page 244)

H48 ... colour H48-Dove (see page 540)

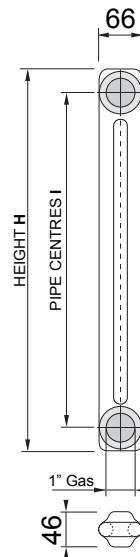
A ... (Constant value)

The article code will be:

AR2 12 0756 002 H48 A

TECHNICAL DATA PER SECTION

	CAST IRON			ALUMINIUM						LAMELLAR e PANEL				
Height H [mm]	676	876		556	656	756	856	1656	1856	2056	586	626	786	926
Pipe Centres I [mm]	620	820		500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) ΔT 60 = W	66,5	84,7		55,6	64,7	73,7	82,8	157,6	177,2	197,4	58,3	61,9	76,4	89,2
(75/65/20°C) ΔT 50 = W	52,4	66,5		44	51	58	65,1	123,1	138,4	154,2	46,1	48,9	60,1	70
(65/55/20°C) ΔT 40 = W	39,2	49,4		33,1	38,2	43,3	48,4	91	102,3	114	34,6	36,7	44,9	52
(55/45/20°C) ΔT 30 = W	27	33,7		22,9	26,3	29,7	33,1	61,6	69,3	77,2	23,9	25,3	30,7	35,4
Water Content [lt]	0,67	0,83		0,58	0,66	0,74	0,82	1,46	1,62	1,78	0,6	0,63	0,76	0,78
Dry Weight [kg]	1,02	1,3		0,85	0,99	1,13	1,27	2,4	2,69	2,98	0,89	0,95	1,18	1,29
Exp. [n]	1,299	1,327		1,283	1,297	1,311	1,324	1,355	1,355	1,355	1,287	1,292	1,315	1,332
Nominal flow rate [kg/h]	4,5	5,7		3,8	4,4	5	5,6	10,6	11,9	13,3	4	4,2	5,2	6
Radiation quote [%]	24	24		25	25	24	24	23	23	23	25	25	25	24
Surface [m²]	0,11	0,14		0,09	0,1	0,12	0,13	0,25	0,28	0,31	0,09	0,12	0,1	0,14



2 COLUMNS HEIGHTS FOR REPLACEMENT



Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. (With surcharge). For batteries with more than 85 sections with lateral connection, see probes kit at page 519



ARDESIA®

3 COLUMNS FOR REPLACEMENT



page 13

WARRANTY
5 YEARS

Functioning:	hot water
--------------	-----------

Maximun working pressure	10 bar
Testing conditions	13 bar

Maximum temperature	110°C
Minimum flow in % of the nominal flow rate:	18

Hub	1"
Section width	46 mm

MATERIAL:

- Pressed heads in carbon steel sheet.
- Welded carbon steel tube ø 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

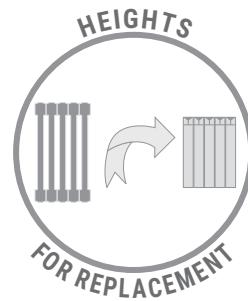
PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Standard white RAL 9010 - R01. Other colours surcharge 30%.

Colour chart: see page 540

CERTIFICATIONS**HOW TO ORDER ARDESIA® 3 COLUMNS****ARTICLE NR. STRUCTURE**

Model and nr COLUMNS	Elements nr.	Height in mm	Article code of the connection	Article code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr COLUMNS E.g.: Ardesia® 3 COLUMNS	Numero elements E.g.: 14 elements	Height in mm Example: 586 mm	Article code of the connection Example: connection 2	Article code of the colour Example: R01-White	Constant value
AR3	14	0586	002	R01	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR3 ... ARDESIA® 3 COLUMNS

14 ... 14 elements (see the table shown on the side)

0586 ... Height 586 mm (see the table shown on the side)

002 ... connection 2 (see page 244)

R01 ... colour R01-White (see page 540)

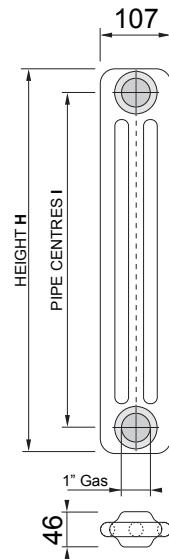
A ... (Constant value)

The article code will be:

AR3 14 0586 002 R01 A

TECHNICAL DATA PER SECTION

	CAST IRON			ALUMINIUM						LAMELLAR e PANEL				
Height H [mm]	676	876		556	656	756	856	1656	1856	2056	586	626	786	926
Pipe Centres I [mm]	620	820		500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) ΔT 60 = W	92,5	117,8		77,2	90	102,7	115,3	213,2	236,6	260,1	81	86,1	106,5	124,1
(75/65/20°C) ΔT 50 = W	72,8	92,3		60,9	70,8	80,6	90,4	166,7	185,5	204,3	63,8	67,8	83,6	97,2
(65/55/20°C) ΔT 40 = W	54,3	68,5		45,5	52,8	60	67,1	123,3	137,6	151,9	47,7	50,6	62,1	72
(55/45/20°C) ΔT 30 = W	37,2	46,6		31,3	36,2	41	45,7	83,6	93,6	103,7	32,8	34,7	42,4	48,9
Water Content [lt]	1	1,24		0,85	0,97	1,09	1,21	2,18	2,42	2,66	0,89	0,94	1,13	1,26
Dry Weight [kg]	1,53	1,96		1,28	1,49	1,7	1,91	3,61	4,04	4,47	1,34	1,43	1,77	1,95
Exp. [n]	1,316	1,339		1,302	1,314	1,325	1,337	1,35	1,338	1,326	1,306	1,31	1,329	1,343
Nominal flow rate [kg/h]	6,3	7,9		5,2	6,1	6,9	7,8	14,3	16	17,6	5,5	5,8	7,2	8,4
Radiation quote [%]	22	22		22	22	22	20	19	19	22	22	22	21	
Surface [m²]	0,16	0,2		0,13	0,15	0,18	0,2	0,38	0,43	0,47	0,14	0,15	0,18	0,22



3 COLUMNS HEIGHTS FOR REPLACEMENT



Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. (With surcharge). For batteries with more than 83 sections with lateral connection, see probes kit at page 519



ARDESIA®

4 COLUMNS FOR REPLACEMENT



WARRANTY
5 YEARS

Functioning:	hot water
--------------	-----------

Maximun working pressure	10 bar
Testing conditions	13 bar

Maximum temperature	110°C
Minimum flow in % of the nominal flow rate:	18

Hub	1"
Section width	46 mm

MATERIAL:

- Pressed heads in carbon steel sheet.
- Welded carbon steel tube ø 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Standard white RAL 9010 - R01. Other colours surcharge 30%.

Colour chart: see page 540

CERTIFICATIONS

HOW TO ORDER ARDESIA® 4 COLUMNS
ARTICLE NR. STRUCTURE

Model and nr COLUMNS	Elements nr.	Height in mm	Article code of the connection	Article code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr COLUMNS E.g.: Ardesia® 4 COLUMNS	Numero elements E.g.: 18 elements	Height in mm Example: 876 mm	Article code of the connection Example: connection 2	Article code of the colour Example: H04 - Ice	Constant value
AR4	18	0876	002	H04	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR4 ... ARDESIA® 4 COLUMNS

18 ... 18 elements (see the table shown on the side)

0876 ... Height 876 mm (see the table shown on the side)

002 ... connection 2 (see page 244)

H04 ... colour H04-Ice (see page 540)

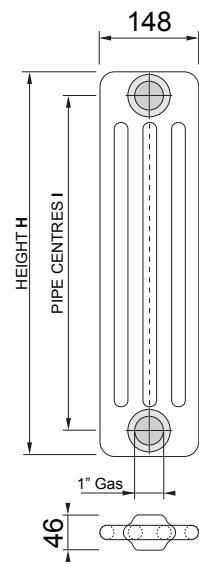
A ... (Constant value)

The article code will be:

AR4 18 0876 002 H04 A

TECHNICAL DATA PER SECTION

	CAST IRON			ALUMINIUM						LAMELLAR e PANEL			
Height H [mm]	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe Centres I [mm]	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) ΔT 60 = W	119,6	151	100,6	116,5	132,2	147,9	268	298,7	329,6	105,4	111,7	136,9	158,7
(75/65/20°C) ΔT 50 = W	94	118	79,3	91,6	103,6	115,6	209,7	233,3	256,9	83	87,9	107,2	123,9
(65/55/20°C) ΔT 40 = W	70	87,2	59,3	68,2	76,9	85,5	155,3	172,3	189,4	62	65,5	79,5	91,5
(55/45/20°C) ΔT 30 = W	47,8	59,1	40,7	46,6	52,4	58	105,5	116,7	127,8	42,5	44,9	54,1	61,9
Water Content [lt]	1,32	1,65	1,13	1,29	1,45	1,61	2,9	3,22	3,54	1,18	1,24	1,5	1,7
Dry Weight [kg]	2,05	2,61	1,71	1,99	2,28	2,56	4,81	5,4	5,96	1,79	1,91	2,37	2,6
Exp. [n]	1,324	1,355	1,305	1,32	1,336	1,352	1,346	1,356	1,366	1,309	1,316	1,341	1,358
Nominal flow rate [kg/h]	8,1	10,1	6,8	7,9	8,9	9,9	18	20,1	22,1	7,1	7,6	9,2	10,7
Radiation quote [%]	19	19	19	19	19	19	17	16	16	19	19	19	18
Surface [m²]	0,21	0,27	0,18	0,21	0,24	0,27	0,51	0,57	0,63	0,19	0,2	0,25	0,29



4 COLUMNS HEIGHTS FOR REPLACEMENT



Nº OF SECTIONS WIDTH [mm]	CAST IRON		ALUMINIUM							LAMELLAR	PANEL			
	H	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
	Pipe Centres	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
3				238	275	311	347	629	700	771	249	264	322	372
138 mm	W	282	354	317	366	414	462	839	933	1028	332	352	429	496
4				397	458	518	578	1049	1167	1285	415	440	536	620
184 mm	W	376	472	476	550	622	694	1258	1400	1541	498	527	643	743
5				555	641	725	809	1468	1633	1798	581	615	750	867
230 mm	W	470	590	634	733	829	925	1678	1866	2055	664	703	858	991
6				714	824	932	1040	1887	2100	2312	747	791	965	1115
276 mm	W	564	708	793	916	1036	1156	2097	2333	2569	830	879	1072	1239
7				872	1008	1140	1272	2307	2566	2826	913	967	1179	1363
322 mm	W	658	826	952	1099	1243	1387	2516	2800	3083	996	1055	1286	1487
8				1031	1191	1347	1503	2726	3033	3340	1079	1143	1394	1611
368 mm	W	752	944	1110	1282	1450	1618	2936	3266	3597	1162	1231	1501	1735
9				1190	1374	1554	1734	3146	3500	3854	1245	1319	1608	1859
414 mm	W	846	1062	1269	1466	1658	1850	3355	3733	4110	1328	1406	1715	1982
10				1348	1557	1761	1965	3565	3966	4367	1411	1494	1822	2106
460 mm	W	940	1180	1427	1649	1865	2081	3775	4199	4624	1494	1582	1930	2230
11				1507	1740	1968	2196	3984	4433	4881	1577	1670	2037	2354
506 mm	W	1034	1298	1586	1832	2072	2312	4194	4666	5138	1660	1758	2144	2478
12				1665	1924	2176	2428	4404	4899	5395	1743	1846	2251	2602
552 mm	W	1128	1416	1745	2015	2279	2543	4613	5133	5652	1826	1934	2358	2726
13				1824	2107	2383	2659	4823	5366	5909	1909	2022	2466	2850
598 mm	W	1222	1534	1903	2198	2486	2774	5033	5599	6166	1992	2110	2573	2974
14				1983	2290	2590	2890	5243	5833	6423	2075	2198	2680	3098
644 mm	W	1316	1652	2062	2382	2694	3006	5452	6066	6679	2158	2285	2787	3221
15				2141	2473	2797	3121	5662	6299	6936	2241	2373	2894	3345
690 mm	W	1410	1770	2220	2565	2901	3237	5872	6532	7193	2324	2461	3002	3469
16				2300	2656	3004	3352	6081	6766	7450	2407	2549	3109	3593
736 mm	W	1504	1888	2379	2748	3108	3468	6291	6999	7707	2490	2637	3216	3717
17				2458	2840	3212	3584	6501	7232	7964	2573	2725	3323	3841
782 mm	W	1598	2006	2538	2931	3315	3699	6710	7466	8221	2656	2813	3430	3965
18				2617	3023	3419	3815	6920	7699	8478	2739	2901	3538	4089
828 mm	W	1692	2124	2696	3114	3522	3930	7130	7932	8735	2822	2989	3645	4213
19				2776	3206	3626	4046	7340	8166	8992	2905	3077	3752	4337
874 mm	W	1786	2242	2855	3298	3730	4162	7549	8399	9248	2988	3164	3859	4460
20				2934	3389	3833	4277	7759	8632	9505	3071	3252	3966	4584
920 mm	W	1880	2360	3013	3481	3937	4393	7969	8865	9762	3154	3340	4074	4708
21				3093	3572	4040	4508	8178	9099	10019	3237	3428	4181	4832
966 mm	W	1974	2478	3172	3664	4144	4624	8388	9332	10276	3320	3516	4288	4956
22														
1012 mm	W	2068	2596											
23														
1058 mm	W	2162	2714											
24														
1104 mm	W	2256	2832											
25														
1150 mm	W	2350	2950											
26														
1196 mm	W	2444	3068											
27														
1242 mm	W	2538	3186											
28														
1288 mm	W	2632	3304											
29														
1344 mm	W	2726	3422											
30														
1380 mm	W	2820	3540											
31														
1426 mm	W	2914	3658											
32														
1472 mm	W	3008	3776											
33														
1518 mm	W	3102	3894											
34														
1564 mm	W	3196	4012											
35														
1610 mm	W	3290	4130											
36														
1656 mm	W	3384	4248											
37														
1702 mm	W	3478	4366											
38														
1748 mm	W	3572	4484											
39														
1794 mm	W	3666	4602											
40														
1840 mm	W	3760	4720											

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt.
Each couple of batteries inclusive of 2 nipples and 2 seals. (With surcharge). For batteries with more than 80 sections with lateral connection, see probes kit at page 519



ARDESIA®

5 COLUMNS

FOR REPLACEMENT



page 18

WARRANTY
5 YEARS

Functioning:	hot water
--------------	-----------

Maximun working pressure	10 bar
Testing conditions	13 bar

Maximum temperature	110°C
Minimum flow in % of the nominal flow rate:	18

Hub	1"
Section width	46 mm

MATERIAL:

- Pressed heads in carbon steel sheet.
- Welded carbon steel tube ø 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Standard white RAL 9010 - R01. Other colours surcharge 30%.

Colour chart: see page 540

CERTIFICATIONS**HOW TO ORDER ARDESIA® 5 COLUMNS****ARTICLE NR. STRUCTURE**

Model and nr COLUMNS	Elements nr.	Height in mm	Article code of the connection	Article code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr COLUMNS E.g.: Ardesia® 5 COLUMNS	Numero elements E.g.: 22 elements	Height in mm Example: 556 mm	Article code of the connection Example: connection 2	Article code of the colour Example: F37 - Denim Blue	Constant value
AR5	22	0556	002	F37	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR5 ... ARDESIA® 5 COLUMNS

22 ... 22 elements (see the table shown on the side)

0556 ... Height 556 mm (see the table shown on the side)

002 ... connection 2 (see page 244)

F37 ... colour F37 - Denim Blue (see page 540)

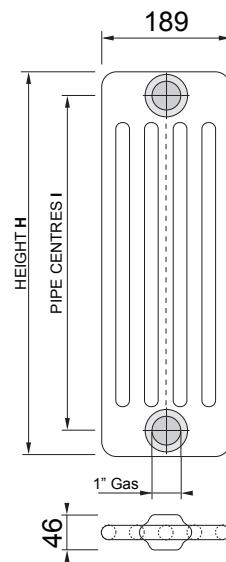
A ... (Constant value)

The article code will be:

AR5 22 0556 002 F37 A

TECHNICAL DATA PER SECTION

	CAST IRON		ALUMINIUM						LAMELLAR e PANEL				
Height H [mm]	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe Centres I [mm]	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) ΔT 60 = W	145,3	182,5	122,5	141,5	160,3	178,8	324	358,3	392,4	128,3	135,9	165,9	191,7
(75/65/20°C) ΔT 50 = W	114	143	96,2	111	125,7	140,1	251,9	279,3	306,7	100,7	106,6	130	150,1
(65/55/20°C) ΔT 40 = W	84,7	106,1	71,5	82,5	93,3	103,9	185,1	205,9	226,9	74,8	79,2	96,5	111,3
(55/45/20°C) ΔT 30 = W	57,7	72,2	48,8	56,3	63,6	70,7	124,4	139	153,8	51,1	54	65,7	75,6
Water Content [lt]	1,65	2,05	1,41	1,61	1,81	2,01	3,62	4,02	4,42	1,47	1,55	1,87	2,13
Dry Weight [kg]	2,57	3,27	2,14	2,5	2,85	3,2	6,02	6,75	7,45	2,24	2,39	2,97	3,26
Exp. [n]	1,332	1,338	1,328	1,331	1,335	1,338	1,381	1,366	1,351	1,329	1,33	1,335	1,342
Nominal flow rate [kg/h]	9,8	12,3	8,3	9,5	10,8	12	21,7	24	26,4	8,7	9,2	11,2	12,9
Radiation quote [%]	18	17	18	18	18	17	15	15	14	18	18	17	17
Surface [m²]	0,27	0,34	0,22	0,26	0,3	0,33	0,64	0,71	0,79	0,23	0,25	0,31	0,36



5 COLUMNS HEIGHTS FOR REPLACEMENT



Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. (With surcharge). For batteries with more than 70 sections with lateral connection, see probes kit at page 519



ARDESIA®

6 COLUMNS

FOR REPLACEMENT



WARRANTY
5 YEARS

Functioning:	hot water
--------------	-----------

Maximun working pressure	10 bar
Testing conditions	13 bar

Maximum temperature	110°C
Minimum flow in % of the nominal flow rate:	18

Hub	1"
Section width	46 mm

MATERIAL:

- Pressed heads in carbon steel sheet.
- Welded carbon steel tube ø 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

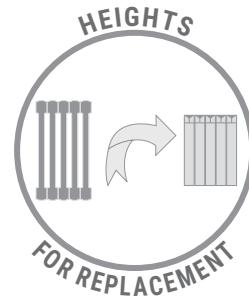
PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

COLOURS:

Standard white RAL 9010 - R01. Other colours surcharge 30%.

Colour chart: see page 540

CERTIFICATIONS

HOW TO ORDER ARDESIA® 6 COLUMNS
ARTICLE NR. STRUCTURE

Model and nr COLUMNS	Elements nr.	Height in mm	Article code of the connection	Article code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr COLUMNS E.g.: Ardesia® 6 COLUMNS	Numero elements E.g.: 18 elements	Height in mm Example: 676 mm	Article code of the connection Example: connection 2	Article code of the colour Example: F36 - Terra	Constant value
AR6	18	0676	002	F36	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR6 ... ARDESIA® 6 COLUMNS

18 ... 18 elements (see the table shown on the side)

0676 ... Height 676 mm (see the table shown on the side)

002 ... connection 2 (see page 244)

F36 ... colour F36 - Terra (see page 540)

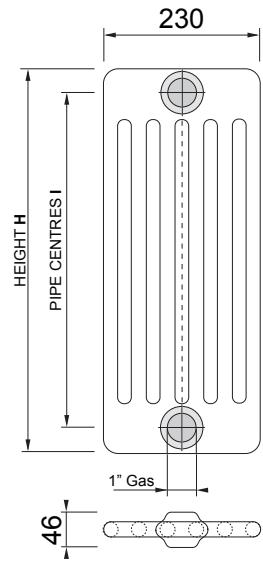
A ... (Constant value)

The article code will be:

AR6 18 0676 002 F36 A

TECHNICAL DATA PER SECTION

	CAST IRON			ALUMINIUM						LAMELLAR e PANEL				
Height H [mm]	676	876		556	656	756	856	1656	1856	2056	586	626	786	926
Pipe Centres I [mm]	620	820		500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) ΔT 60 = W	174,6	217,4		147,6	170,2	192	213,2	378	413	446,4	154,5	163,5	198,4	228,1
(75/65/20°C) ΔT 50 = W	138	172,4		116,5	134,5	152	169	292,5	320,4	347,2	121,9	129,1	157,1	180,7
(65/55/20°C) ΔT 40 = W	103,5	129,7		87,1	100,8	114,1	127,2	213,7	234,8	255,3	91,3	96,7	118,1	135,9
(55/45/20°C) ΔT 30 = W	71,4	90		60	69,5	78,9	88,1	142,6	157,3	171,8	62,8	66,7	81,7	94,1
Water Content [lt]	2	2,5		1,7	1,9	2,2	2,4	4,36	4,84	5,29	1,77	1,85	2,25	2,56
Dry Weight [kg]	3,09	3,93		2,58	3	3,42	3,85	7,23	8,11	8,95	2,7	2,87	3,56	3,92
Exp. [n]	1,29	1,273		1,3	1,292	1,283	1,275	1,407	1,392	1,378	1,298	1,294	1,281	1,277
Nominal flow rate [kg/h]	11,9	14,8		10	11,6	13,1	14,5	25,2	27,6	29,9	10,5	11,1	13,5	15,5
Radiation quote [%]	18	17		18	17	17	15	14	13	18	18	17	17	
Surface [m²]	0,32	0,41		0,27	0,31	0,36	0,4	0,76	0,85	0,94	0,28	0,3	0,37	0,43



6 COLUMNS HEIGHTS FOR REPLACEMENT

ardesia®

Nº OF SECTIONS WIDTH [mm]	CAST IRON		ALUMINIUM							LAMELLAR	PANEL			
	H	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
	Pipe Centres	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
3				350	404	456	507	878	961	1042	366	471	387	542
138 mm	W	414	517	466	538	608	676	1170	1282	1389	488	628	516	723
4				583	673	760	845	1463	1602	1736	610	786	646	904
184 mm	W	552	690	699	807	912	1014	1755	1922	2083	731	943	775	1084
5				816	942	1064	1183	2048	2243	2430	853	1100	904	1265
230 mm	W	690	862	932	1076	1216	1352	2340	2563	2778	975	1257	1033	1446
6				1049	1211	1368	1521	2633	2884	3125	1097	1414	1162	1626
276 mm	W	828	1034	1165	1345	1520	1690	2925	3204	3472	1219	1571	1291	1807
7				1282	1480	1672	1859	3218	3524	3819	1341	1728	1420	1988
322 mm	W	966	1207	1398	1614	1824	2028	3510	3845	4166	1463	1885	1549	2168
8				1515	1749	1976	2197	3803	4165	4514	1585	2042	1678	2349
368 mm	W	1104	1379	1631	1883	2128	2366	4095	4486	4861	1707	2199	1807	2530
9				1748	2018	2280	2535	4388	4806	5208	1829	2357	1937	2711
414 mm	W	1242	1552	1864	2152	2432	2704	4680	5126	5555	1950	2514	2066	2891
10				1981	2287	2584	2873	4973	5447	5902	2072	2671	2195	3072
460 mm	W	1380	1724	2097	2421	2736	3042	5265	5767	6250	2194	2828	2324	3253
11				2214	2556	2888	3211	5558	6088	6597	2316	2985	2453	3433
506 mm	W	1518	1896	2330	2690	3040	3380	5850	6408	6944	2438	3142	2582	3614
12				2447	2825	3192	3549	6143	6728	7291	2560	3299	2711	3795
552 mm	W	1656	2069	2563	2959	3344	3718	6435	7049	7638	2682	3456	2840	3975
13				2680	3094	3496	3887	6728	7369	7986	2804	3613	2969	4156
598 mm	W	1794	2241	2796	3228	3648	4056	7020	7690	8333	2926	3770	3098	4337
14				2913	3363	3800	4225	7313	8010	8680	3048	3928	3228	4518
644 mm	W	1932	2414	3029	3497	3952	4394	7605	8330	9027	3169	4085	3357	4698
15				3146	3632	4104	4563	7898	8651	9374	3291	4242	3486	4879
690 mm	W	2070	2586	3262	3766	4256	4732	8190	8971	9722	3413	4399	3615	5060
16				3379	3901	4408	4901	8483	9292	10069	3535	4556	3744	5240
736 mm	W	2208	2758	3495	4035	4560	5070	8775	9612	10416	3657	4713	3873	5421
17				3612	4170	4712	5239	9068	9932	10763	3779	4870	4002	5602
782 mm	W	2346	2931	3728	4304	4864	5408	9360	10253	11110	3901	5027	4131	5782
18				3845	4439	5016	5577	9653	10573	11458	4023	5184	4260	5963
828 mm	W	2484	3103	3961	4573	5168	5746	9945	10894	11805	4145	5341	4389	6144
19				4078	4708	5320	5915	10238	11214	12152	4267	5499	4519	6325
874 mm	W	2622	3276	4194	4842	5472	6084	10530	11534	12499	4388	5656	4648	6505
20				4311	4977	5624	6253	10823	11855	12846	4510	5813	4777	6686
920 mm	W	2760	3448	4427	5111	5776	6422	11115	12175	13194	4632	5970	4906	6867
21				4544	5246	5928	6591	11408	12496	13541	4754	6127	5035	7047
966 mm	W	2898	3620	4660	5380	6080	6760	11700	12816	13888	4876	6284	5164	7228
22														
1012 mm	W	3036	3793											
23														
1058 mm	W	3174	3965											
24														
1104 mm	W	3312	4138											
25														
1150 mm	W	3450	4310											
26														
1196 mm	W	3588	4482											
27														
1242 mm	W	3726	4655											
28														
1288 mm	W	3864	4827											
29														
1344 mm	W	4002	5000											
30														
1380 mm	W	4140	5172											
31														
1426 mm	W	4278	5344											
32														
1472 mm	W	4416	5517											
33														
1518 mm	W	4554	5689											
34														
1564 mm	W	4692	5862											
35														
1610 mm	W	4830	6034											
36														
1656 mm	W	4968	6206											
37														
1702 mm	W	5106	6379											
38														
1748 mm	W	5244	6551											
39														
1794 mm	W	5382	6724											
40														
1840 mm	W	5520	6896											

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt.
Each couple of batteries inclusive of 2 nipples and 2 seals. (With surcharge). For batteries with more than 55 sections with lateral connection, see probes kit at page 519



ROSY TANDEM VERTICAL



page 156



EN 442-1
EURO NORM
RADIATORS AND CONVECTORS



Radiators, convectors and ceiling-mounted radiant panels, hot water heating, fan assisted and mixed

EUROPEAN
WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel Ø 38 mm.
- Double vertical heating elements in painted mild steel 50 x 10 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

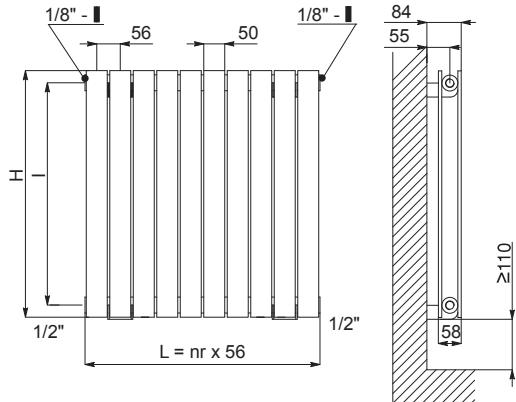
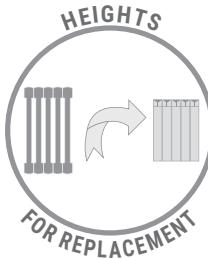
ACCESSORIES

See page 508

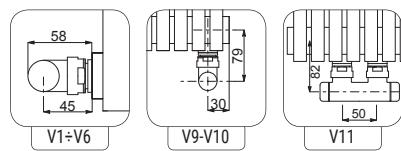
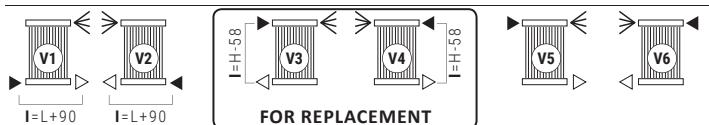
P. Max: 5 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	----------------	--

Height H [mm]	558	658	858	958
Therm. output per el. Δt = 50 °C [Watt]	60,3	69,5	57,9	96,1
Dry Weight per section [kg]	1,334	1,551	1,986	2,203
Element Water content [lt]	0,515	0,588	0,732	0,805
Element surface [m²]	0,147	0,171	0,219	0,243
Exp. n	1,3425	1,3422	1,3415	1,3413
Pipe Centres l [mm] (V3-V4 only)	500	600	800	900

For output at different Δt than 50°C, please refer to the following formula:
desired output = output at Δt 50°C x (desired Δt/50)ⁿ



Quotes for Kristal valves


STANDARD CONNECTIONS WITHOUT SURCHARGE


Legenda=

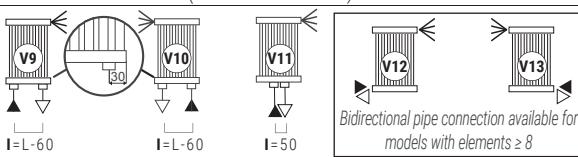


Out



Height

Pipe Centres

SPECIAL CONNECTIONS (WITH SURCHARGE)


Always specify the kind of connection needed when ordering.

HOW TO ORDER THE RADIATOR ROSY TANDEM VERTICAL

ARTICLE NR. STRUCTURE					
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A

EXAMPLE

Radiator model	E.g.: Rosy tandem vert.	Numero elements	E.g.: 12 elements	Height in cm	Example: 558 mm	Article code of the connection	Example: connection V3	Article code of the colour	Example: R01-White	Constant value
RT50		12		055		V03		R01		A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

RT50 ROSY.TANDEM.VERTICAL

12 12 elements (see the table shown on the side)

055 Height 558 mm (see the table shown on the side)

V03 connection V3

R01 colour R01-White (see page 540)

A (Constant value)

The article code will be:

RT50 12 055 V03 R01 A

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square with thermostatic option White R01 - ral 9010	Kristal valve square pipe centres 50 mm with thermostatic option-White R01	White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160	Copper conn. Ø 12/14/15 Art. nr. 5991990311186 Multilayer conn. Ø 16 Art. nr. 5991990311185	(Kit 2 pieces) Art. nr. 5035270710016

ROSY TANDEM VERTICAL

Height H [mm]	558	658	858	958
WIDTH L [mm]	N° EL.	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C
224	4	241	278	352
280	5	301	348	440
336	6	362	417	527
392	7	422	487	615
448	8	482	556	703
504	9	543	626	791
560	10	603	695	879
616	11	663	765	967
672	12	724	834	1055
728	13	784	904	1143
784	14	844	973	1231
840	15	904	1043	1319
896	16	965	1112	1406
952	17	1025	1182	1494
1008	18	1085	1251	1582
				1730

ARDÉSIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

ACCESSORIES
AND TECHNICAL
SUPPORT

MY WAY®
SYSTEM



ROSY MAX



page 166

EUROPEAN
WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel Ø 38 mm.
- Double vertical heating elements in painted mild steel 50 x 10 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

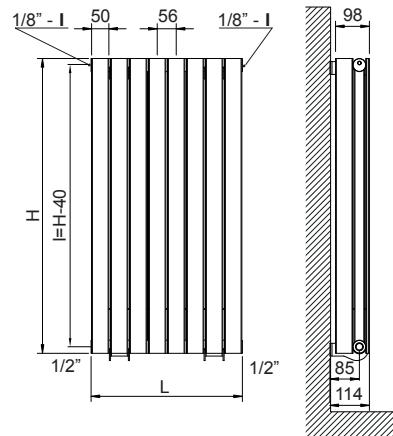
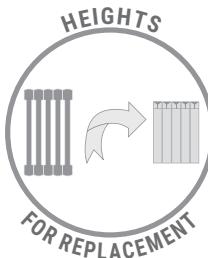
ACCESSORIES

See page 508

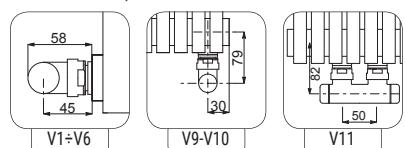
P. Max: 5 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	----------------	--

Height H [mm]	390	540	640	840	940
Therm. output per el. Δt = 50 °C [Watt]	69,5	88,7	101,5	130,6	139,9
Dry Weight per section [kg]	1,393	1,882	2,207	2,859	3,185
Element Water content [lt]	0,535	0,698	0,806	1,023	1,132
Element surface [m²]	0,154	0,208	0,244	0,316	0,352
Exp. n	1,2762	1,2754	1,275	1,2746	1,2742
Pipe Centres l [mm] (V3-V4 only)	350	500	600	800	900

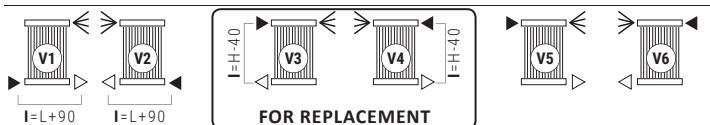
For output at different Δt than 50°C, please refer to the following formula:
desired output = output at Δt 50°C x (desired Δt/50)ⁿ



Quotes for Kristal valves



STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda=

► In

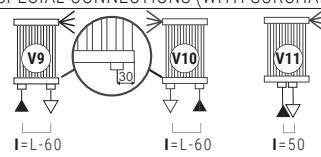
► Out

◀ Airvent

H Height

I Pipe Centres

SPECIAL CONNECTIONS (WITH SURCHARGE)



Always specify the kind of connection needed when ordering.

Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR ROSY MAX

ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION					
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model E.g.: Rosy MAX	Numero elements E.g.: 12 elements	Height in cm Example: 540 mm	Article code of the connection Example: connection V3	Article code of the colour Example: R01-White	Constant value	In the case of a radiator: RX50 ROSY MAX	12 12 elements (see the table shown on the side)	054 12 elements (see the table shown on the side)	V03 connection V3	R01 colour R01-White (see page 540)	A Constant value The article code will be: RX50 12 054 V03 R01 A
AAAA	BB	CCC	DDD	EEE	A	RX50	12	054	V03	R01	A						

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

	Kristal valve square With thermostatic option White R01 - ral 9010		Kristal valve square pipe centres 50 mm with thermostatic option-White R01		White thermostatic head (Kit 2 pieces)
Copper conn. Ø 12/14/15 Art. nr. 5991990311161	Multilayer conn. Ø 16 Art. nr. 5991990311160	Copper conn. Ø 12/14/15 Art. nr. 5991990311186	Multilayer conn. Ø 16 Art. nr. 5991990311185	White thermostatic head (Kit 2 pieces) Art. nr. 5035270710016	

ROSY MAX

Height H [mm]	390	540	640	840	940
WIDTH L [mm]	N° El.	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C
274	5	347	443	507	653
330	6	417	532	609	784
386	7	486	621	710	914
442	8	556	709	812	1045
498	9	625	798	913	1175
554	10	695	887	1015	1306
610	11	764	975	1116	1437
666	12	833	1064	1218	1567
722	13	903	1153	1319	1698
778	14	972	1241	1420	1828
834	15	1042	1330	1522	1959
890	16	1111	1419	1623	2090
946	17	1181	1507	1725	2220
1002	18	1250	1596	1826	2351
1058	19	1320	1684	1928	2481
1114	20	1389	1773	2029	2612
1170	21	1459	1862	2131	2743
1226	22	1528	1950	2232	2873
1282	23	1597	2039	2334	3004
1338	24	1667	2128	2435	3134
1394	25	1736	2216	2536	3357
1450	26	1806	2305	2638	
1506	27	1875	2394	2739	
1562	28	1945	2482	2841	
1618	29	2014	2571	2942	
1674	30	2084	2660	3044	
1730	31	2153	2748	3145	
1786	32	2222	2837	3247	

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

ACCESSORIES
AND TECHNICAL
SUPPORT

MY WAY®
SYSTEM



KEIRA VERTICAL



page 174

EUROPEAN WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel Ø 38 mm.
- Vertical heating elements in painted mild steel 10x50 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL 9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

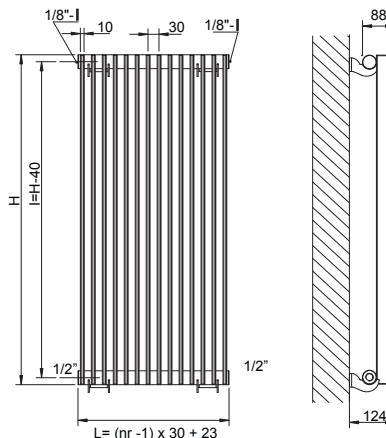
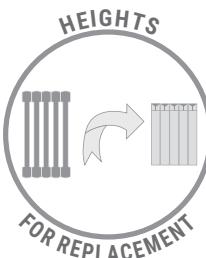
ACCESSORIES

See page 508

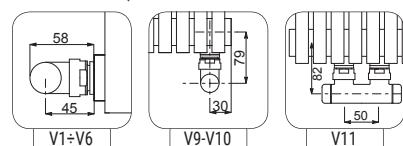
P. Max: 5 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	----------------	--

Height H [mm]	540	640	740	840	940
Therm. output per el. Δt = 50 °C [Watt]	31,1	35,7	40,5	45,1	49,9
Dry Weight per section [kg]	1,238	1,456	1,673	1,89	2,107
Element Water content [lt]	0,45	0,523	0,595	0,667	0,74
Element surface [m²]	0,137	0,161	0,185	0,209	0,233
Exp. n	1,393	1,3924	1,3918	1,3912	1,2874
Pipe Centres l [mm] (V3-V4 only)	500	600	700	800	900

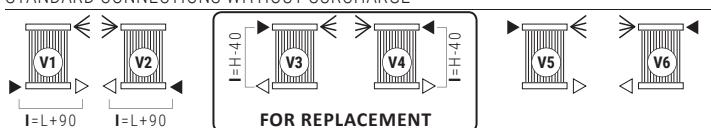
For output at different Δt than 50°C, please refer to the following formula:
desired output = output at Δt 50°C x (desired Δt/50)ⁿ



Quotes for Kristal valves



STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda= ► In □ Out ⇝ Airvent H Height I Pipe Centres L WIDTH □ Sleeve Always specify the kind of connection needed when ordering.

HOW TO ORDER THE RADIATOR KEIRA VERTICAL

Bidirectional pipe connection not available

ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION		
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model E.g.: Keira vertical	Numero elements E.g.: 24 elements	Height in cm Example: 640 mm	Article code of the connection Example: connection V3	Article code of the colour Example: S16 - Canary	Constant value	In the case of a radiator:	KE10 KEIRA VERTICAL	
AAAA	BB	CCC	DDD	EEE	A	KE10	24	064	V03	S16	A	24	24 elements (see the table shown on the side)	

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010		Kristal valve square pipe centres 50 mm with thermostatic option-White R01		White thermostatic head	
Copper conn. Ø 12/14/15 Art. nr. 5991990311161		Copper conn. Ø 12/14/15 Art. nr. 5991990311186		(Kit 2 pieces) Art. nr. 5035270710016	

Multilayer conn. Ø 16
Art. nr. 5991990311160

KEIRA VERTICAL

All intermediate sizes are available for widths from 9 to 48 elements and heights from 540 to 940 mm

Height H [mm]	540	640	740	840	940
Height H [mm]	N° El.	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C
263	9	280	322	365	407
293	10	311	358	405	452
323	11	342	394	446	497
353	12	373	430	486	542
383	13	404	465	527	588
413	14	435	501	567	633
443	15	467	537	608	678
473	16	498	573	648	723
503	17	529	609	689	768
533	18	560	644	729	814
563	19	591	680	770	859
593	20	622	716	810	904
623	21	653	752	851	949
653	22	684	788	891	994
683	23	715	823	932	1040
713	24	746	859	972	1085
743	25	778	895	1013	1130
773	26	809	931	1053	1175
803	27	840	967	1094	1220
833	28	871	1002	1134	1266
863	29	902	1038	1175	1311
893	30	933	1074	1215	1356
923	31	964	1110	1256	1401
953	32	995	1146	1296	1446
983	33	1026	1181	1337	1492
1013	34	1057	1217	1377	1537
1043	35	1089	1253	1418	1582
1073	36	1120	1289	1458	1627
1103	37	1151	1325	1499	1672
1133	38	1182	1360	1539	1718
1163	39	1213	1396	1580	1763
1193	40	1244	1432	1620	1808
1223	41	1275	1468	1661	1853
1253	42	1306	1504	1701	1898
1283	43	1337	1539	1742	
1313	44	1368	1575	1782	
1373	46	1431	1647		
1433	48	1493			

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

ACCESSORIES
AND TECHNICAL
SUPPORT

MY WAY®
SYSTEM



KEIRA TANDEM VERTICAL



page 178
EUROPEAN
WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel Ø 38 mm.
- Double vertical heating elements in painted mild steel rettangolari 10 x 50 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

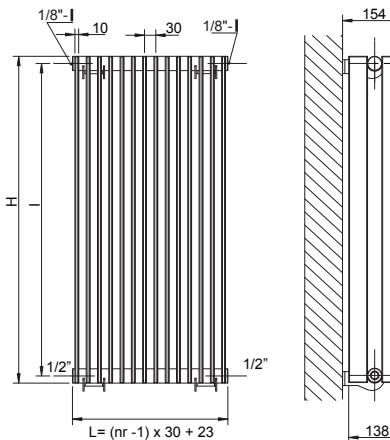
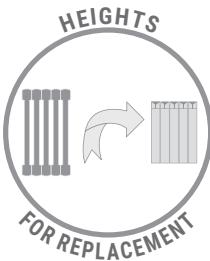
ACCESSORIES

See page 508

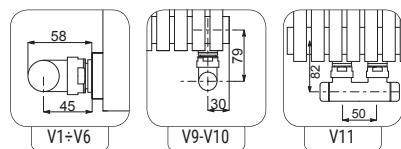
P. Max: 5 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	----------------	--

Height H [mm]	540	640	740	840	940
Therm. output per el. Δt = 50 °C [Watt]	48,6	57,6	66,6	75,6	83,8
Dry Weight per section [kg]	1,238	1,456	1,673	1,89	2,107
Element Water content [lt]	0,45	0,523	0,595	0,667	0,74
Element surface [m²]	0,137	0,161	0,185	0,209	0,233
Exp. n	1,393	1,3924	1,3918	1,3912	1,2874
Pipe Centres l [mm] (V3-V4 only)	500	600	700	800	900

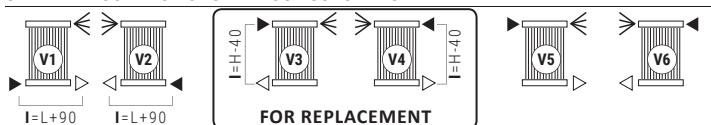
For output at different Δt than 50°C, please refer to the following formula:
desired output = output at Δt 50°C x (desired Δt/50)ⁿ



Quotes for Kristal valves



STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda=



In

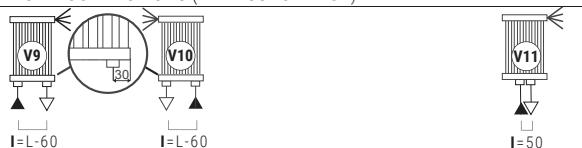


Airvent

H Height

I Pipe Centres

SPECIAL CONNECTIONS (WITH SURCHARGE)



Always specify the kind of connection needed when ordering.

Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR KEIRA TANDEM VERTICAL

ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION		
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	Numero elements	Height in cm	Article code of the connection	Article code of the colour	Constant value	In case of the radiator:	Kit	
AAAA	BB	CCC	DDD	EEE	A	KT10	24	074	V03	S16	A	KT10 KEIRA TANDEM VERTICAL		

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

	Kristal valve square With thermostatic option White R01 - ral 9010		Kristal valve square pipe centres 50 mm with thermostatic option-White R01		White thermostatic head				
	Copper conn. Ø 12/14/15 Art. nr. 5991990311161		Multilayer conn. Ø 16 Art. nr. 5991990311160		Copper conn. Ø 12/14/15 Art. nr. 5991990311186		Multilayer conn. Ø 16 Art. nr. 5991990311185		White thermostatic head (Kit 2 pieces) Art. nr. 5035270710016

Accessories and spare parts - see from page 508

KEIRA TANDEM VERTICAL

All intermediate sizes are available for widths from 9 to 48 elements and heights from 540 to 940 mm

Height H [mm]	540	640	740	840	940
WIDTH L [mm]	N° EL.	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C
263	9	474	545	616	685
293	10	527	606	684	761
323	11	580	667	752	837
353	12	632	727	821	922
383	13	685	788	889	989
413	14	738	848	958	1065
443	15	791	909	1026	1142
473	16	843	970	1094	1218
503	17	896	1030	1163	1294
533	18	949	1091	1231	1370
563	19	1001	1151	1300	1446
593	20	1054	1212	1368	1522
623	21	1107	1273	1436	1598
653	22	1159	1333	1505	1674
683	23	1212	1394	1573	1750
713	24	1265	1454	1642	1826
743	25	1318	1515	1710	1903
773	26	1370	1576	1778	1979
803	27	1423	1636	1847	2055
833	28	1476	1697	1915	2131
863	29	1528	1757	1984	2207
893	30	1581	1818	2052	2283
923	31	1634	1879	2120	2359
953	32	1686	1939	2189	2435
983	33	1739	2000	2257	2511
1013	34	1792	2060	2326	2587
1043	35	1845	2121	2394	2664
1073	36	1897	2182	2462	2740
1103	37	1950	2242	2531	2816
1133	38	2003	2303	2599	2892
1163	39	2055	2363	2668	2968
1193	40	2108	2424	2736	3044
1223	41	2161	2485	2804	3120
1253	42	2213	2545	2873	3196
1283	43	2266	2606	2941	
1313	44	2319	2666		
1373	46	2424	2788		
1433	48	2530			

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

ACCESSORIES
AND TECHNICAL
SUPPORT

MY WAY®
SYSTEM



KARIN VX TANDEM VERTICAL



page 186



EUROPEAN WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel Ø 30 mm.
- Double vertical heating elements in painted mild steel, rettangolari 15x20 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

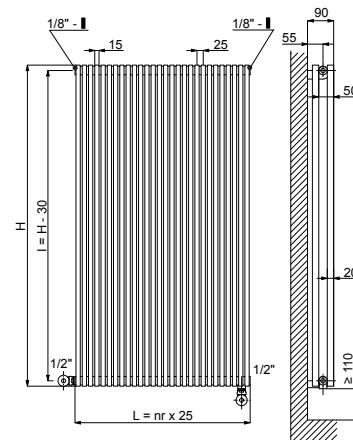
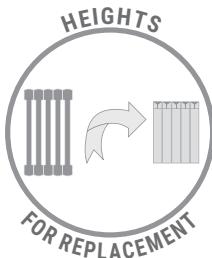
ACCESSORIES

See page 508

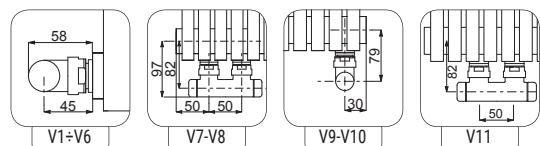
P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	----------------	--

Height H [mm]	530	630	830	930
Therm. output per el. Δt = 50 °C [Watt]	34,8	40,4	50,6	56,1
Dry Weight per section [kg]	0,646	0,758	0,982	1,094
Element Water content [lt]	0,264	0,308	0,397	0,441
Element surface [m²]	0,079	0,093	0,121	0,135
Exp. n	1,3396	1,3373	1,3520	1,3304
Pipe Centres l [mm] (V3-V4 only)	500	600	800	900

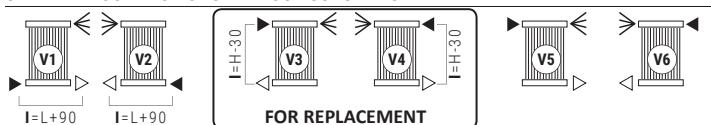
For output at different Δt than 50°C, please refer to the following formula:
desired output = output at Δt 50°C x (desired Δt/50)ⁿ



Quotes for Kristal valves



STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda= ► In □ Out ⇝ Airvent H Height I Pipe Centres L WIDTH □ Sleeve Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR KARIN VX TANDEM VERTICAL

ARTICLE NR. STRUCTURE						EXAMPLE						EXAMPLE OF ARTICLE CODE CREATION					
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	E.g.: Karin VX tandem vertical	Numero elements	E.g.: 24 elements	Height in cm	E.g.: 630 mm	Article code of the connection	E.g.: connection V3	Article code of the colour	E.g.: S16 - Canary	Constant value	
AAAA	BB	CCC	DDD	EEE	A	KT15	24	063	V03	S16	A	KT15	KARIN VX TANDEM VERTICAL	24	24 elements (see the table shown on the side)	24 elements (see the table shown on the side)	

ACCESSORIES

Kristal valve square With thermostatic option White R01 - ral 9010	Kristal valve square pipe centres 50 mm with thermostatic option-White R01	White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160	Copper conn. Ø 12/14/15 Art. nr. 5991990311186 Multilayer conn. Ø 16 Art. nr. 5991990311185	(Kit 2 pieces) Art. nr. 5035270710016

If ordered separately from the radiator, the accessories are available in standard white only.

Accessories and spare parts - see from page 508

KARIN VX TANDEM VERTICAL

All intermediate sizes are available for widths from 8 to 72 elements and heights from 530 to 930 mm

Height H [mm]	530	630	830	930
WIDTH L [mm]	N° EL.	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C
200	8	275	320	405
250	10	344	400	506
300	12	413	479	607
350	14	481	559	708
400	16	550	639	809
450	18	619	719	910
500	20	688	799	1072
550	22	757	879	1113
600	24	825	959	1214
650	26	894	1039	1315
700	28	963	1119	1416
750	30	1032	1199	1517
800	32	1100	1279	1618
850	34	1169	1359	1720
900	36	1238	1438	1821
950	38	1307	1518	1922
1000	40	1376	1598	2023
1050	42	1444	1678	2124
1100	44	1513	1758	2225
1150	46	1582	1838	2326
1200	48	1651	1918	2428
1250	50	1719	1998	2529
1300	52	1788	2078	2630
1350	54	1857	2158	2731
1400	56	1926	2238	2832
1450	58	1995	2317	2933
1500	60	2063	2397	3035
1550	62	2132	2477	3136
1600	64	2201	2557	3237
1650	66	2270	2637	3338
1700	68	2338	2717	3439
1750	70	2407	2797	3540
1800	72	2476	2877	3641



ALICE 18 TANDEM VERTICAL



EN 442-1
RADIATORS AND CONVECTORS



Radiators, convectors and ceiling-mounted radiant panels, hot water heating, fan assisted and mixed

EUROPEAN
WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel Ø 38 mm.
- Double vertical heating elements in painted mild steel Ø 18 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1,2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

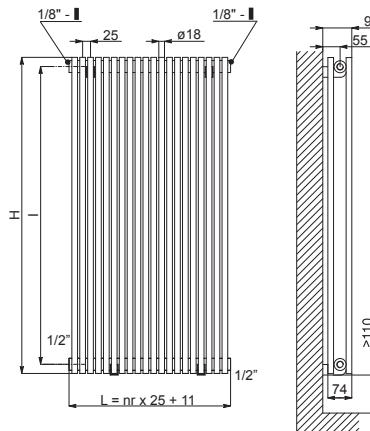
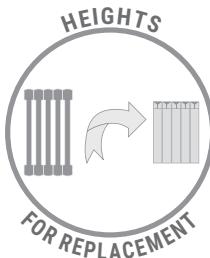
ACCESSORIES

See page 508

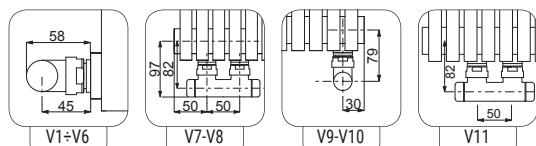
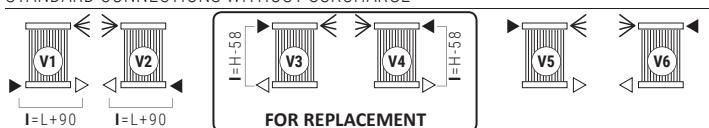
P. Max: 8 bar	Functioning: hot water	T. Max: 110 °C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	----------------	--

Height H [mm]	558	658	858	958
Therm. output per el. Δt = 50 °C [Watt]	33,4	38,4	48,2	52,9
Dry Weight per section [kg]	0,610	0,709	0,908	1,008
Element Water content [lt]	0,263	0,301	0,378	0,416
Element surface [m²]	0,069	0,080	0,103	0,114
Exp. n	1,3425	1,3421	1,3412	1,3408
Pipe Centres l [mm] (V3-V4 only)	500	600	800	900

For output at different Δt than 50°C, please refer to the following formula:
desired output = output at Δt 50°C x (desired Δt/50)ⁿ



Quotes for Kristal valves

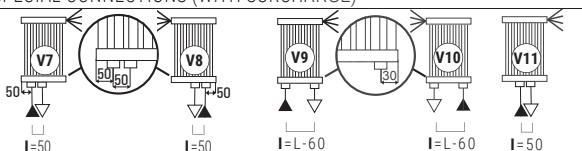

STANDARD CONNECTIONS WITHOUT SURCHARGE


Legenda=



H Height

I Pipe Centres

SPECIAL CONNECTIONS (WITH SURCHARGE)


Always specify the kind of connection needed when ordering.

Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR ALICE 18 TANDEM VERTICAL

ARTICLE NR. STRUCTURE					
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A
EXAMPLE					
AT18	24	055	V03	S16	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AT18 ALICE 18 TANDEM VERTICAL

24 24 elements (see the table shown on the side)

055 Height 558 mm (see the table shown on the side)

V03 connection V3

S16 colour S16 - Canary (see page 540)

A (Constant value)

The article code will be:

AT18 24 055 V03 S16 A

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010		White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161 Multilayer conn. Ø 16 Art. nr. 5991990311160		(Kit 2 pieces) Art. nr. 5035270710016

ALICE 18 TANDEM VERTICAL

Height H [mm]	558	658	858	958
WIDTH L [mm]	N° EL.	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C
136	5	167	192	241
161	6	200	230	289
186	7	234	269	337
211	8	267	307	386
236	9	301	346	434
261	10	334	384	482
286	11	367	422	530
311	12	401	461	578
336	13	434	499	627
361	14	468	538	675
386	15	501	576	723
411	16	534	614	771
436	17	568	653	819
461	18	601	691	868
486	19	635	730	916
511	20	668	768	964
536	21	701	806	1012
561	22	735	845	1060
586	23	768	883	1109
611	24	802	922	1157
636	25	835	960	1205
661	26	868	998	1253
686	27	902	1037	1301
711	28	935	1075	1350
736	29	969	1114	1398
761	30	1002	1152	1446
786	31	1035	1190	1494
811	32	1069	1229	1542
836	33	1102	1267	1591
861	34	1136	1306	1639
886	35	1169	1344	1687
911	36	1202	1382	1735
936	37	1236	1421	1783
961	38	1269	1459	1832
986	39	1303	1498	1880
1011	40	1336	1536	1928
				2116

ACCESSORIES AND TECHNICAL SUPPORT	MY WAY® SYSTEM	VENTILATED RADIATORS	LIVING DESIGN RADIATORS	INOX RANGE	ELECTRIC RADIATORS AND FAN HEATER	TOWEL RAILS	ARDESIA®
-----------------------------------	----------------	----------------------	-------------------------	------------	-----------------------------------	-------------	----------



ALICE 22 TANDEM VERTICAL



page 206



EUROPEAN WARRANTY

NEW

MATERIAL:

- Horizontal collectors in painted mild steel Ø 30 mm.
- Double vertical heating elements in painted mild steel Ø 22 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1-2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

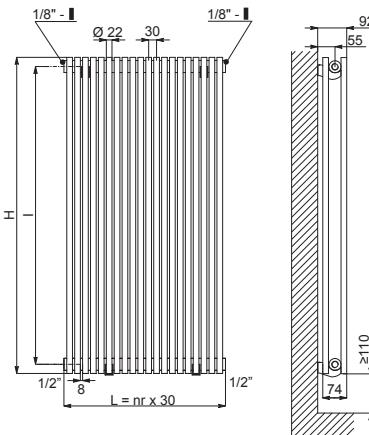
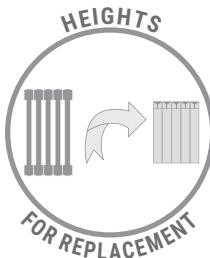
ACCESSORIES

See page 508

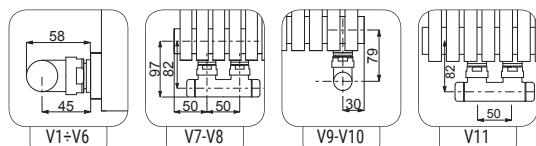
P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	----------------	--

Height H [mm]	530	630	830	930
Therm. output per el. Δt = 50 °C [Watt]	40,8	46,9	58,9	64,7
Dry Weight per section [kg]	0,90	1,05	1,35	1,51
Element Water content [lt]	0,352	0,409	0,522	0,579
Element surface [m²]	0,083	0,097	0,124	0,138
Exp. n	1,3012	1,3022	1,3066	1,3087
Pipe Centres I [mm] (V3-V4 only)	500	600	800	900

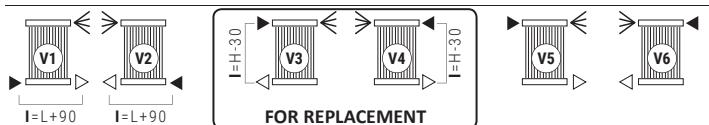
For output at different Δt than 50°C, please refer to the following formula:
desired output = output at Δt 50°C x (desired Δt/50)ⁿ



Quotes for Kristal valves



STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda= In Out Airvent H Height I Pipe Centres L WIDTH Sleeve

Always specify the kind of connection needed when ordering.

Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR ALICE 22 TANDEM VERTICAL

ARTICLE NR. STRUCTURE						EXAMPLE											
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value	Radiator model	E.g.: Alice 22 tandem vertical	Numero elements	E.g.: 24 elements	Height in cm	E.g.: 830 mm	Article code of the connection	E.g.: connection V3	Article code of the colour	E.g.: S16 - Canary	Constant value	
AAAA	BB	CCC	DDD	EEE	A	AT22	24	083	V03	S16	A	AT22	24	083	V03	S16	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AT22 ALICE 22 TANDEM VERTICAL

24 24 elements (see the table shown on the side)

083 Height 830 mm (see the table shown on the side)

V03 connection V3

S16 colour S16- Canary (see page 540)

A (Constant value)

The article code will be:

AT22 24 083 V03 S16 A

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010		Kristal valve square pipe centres 50 mm with thermostatic option-White R01	
Copper conn. Ø 12/14/15 Art. nr. 5991990311161		Copper conn. Ø 12/14/15 Art. nr. 5991990311186	

Multilayer conn. Ø 16
Art. nr. 5991990311160

Multilayer conn. Ø 16
Art. nr. 5991990311160

White thermostatic head

(Kit 2 pieces)
Art. nr. 5035270710016

Accessories and spare parts - see from page 508

ALICE 22 TANDEM VERTICAL

Height H [mm]	530	630	830	930	
WIDTH L [mm]	N° EL.	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C
150	5	204	235	295	323
180	6	245	282	353	388
210	7	286	329	412	453
240	8	327	375	471	517
270	9	367	422	530	582
300	10	408	469	589	647
330	11	449	516	648	711
360	12	490	563	707	776
390	13	531	610	766	841
420	14	572	657	825	905
450	15	612	704	884	970
480	16	653	751	943	1034
510	17	694	798	1001	1099
540	18	735	845	1060	1164
570	19	776	892	1119	1228
600	20	816	939	1178	1293
630	21	857	986	1237	1358
660	22	898	1033	1296	1422
690	23	939	1079	1355	1487
720	24	980	1126	1414	1552
750	25	1021	1173	1473	1616
780	26	1061	1220	1532	1681
810	27	1102	1267	1591	1746
840	28	1143	1314	1650	1810
870	29	1184	1361	1708	1875
900	30	1225	1408	1767	1940
930	31	1306	1502	1885	2069
960	32	1388	1596	2003	2198
990	33	1470	1690	2121	2328
1020	34	1551	1783	2239	2457
1050	35	1633	1877	2356	2586
1080	36	1715	1971	2474	2716
1110	37	1796	2065	2592	2845
1140	38	1878	2159	2710	2974
1170	39	1959	2253	2828	3103
1200	40	2041	2347	2946	3233
1230	41	2123	2441	3063	3362
1260	42	2204	2534	3181	3491

ARDÉSIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

ACCESSORIES
AND TECHNICAL
SUPPORT

MY WAY®
SYSTEM



ARIANNA



page 212

EUROPEAN
WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel Ø 30 mm.
- Double vertical heating elements in painted mild steel Ø 38 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders. (Certificate DIN 55900-1-2)

COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours price has to be increased by 30%. Colour chart: see page 540

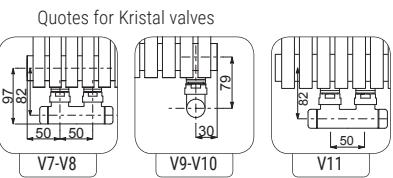
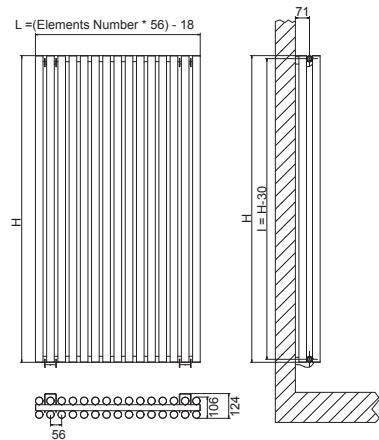
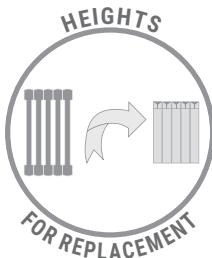
ACCESSORIES

See page 508

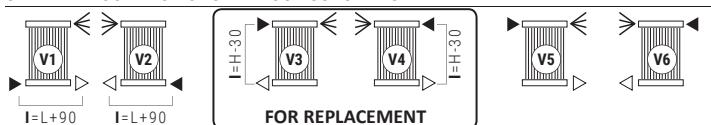
P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
---------------	------------------------	----------------	--

Height H [mm]	330	380	430	530	630	780	830	930	1030
Therm. output per el. Δt = 50 °C [Watt]	46,2	52,1	56,4	66,4	77,9	91,2	96,9	106,3	116,6
Dry Weight per section [kg]	0,838	0,947	1,056	1,274	1,492	1,819	1,928	2,146	2,364
Element Water content [lt]	0,721	0,821	0,92	1,119	1,318	1,617	1,716	1,916	2,115
Element surface [m²]	0,089	0,101	0,113	0,137	0,161	0,197	0,209	0,233	0,256
Exp. n	1,2651	1,2654	1,2682	1,2713	1,2758	1,2790	1,2850	1,2884	1,2946
Pipe Centres I [mm] (V3-V4 only)	300	350	400	500	600	750	800	900	1000

For output at different Δt than 50°C, please refer to the following formula:
desired output = output at Δt 50°C x (desired Δt/50)ⁿ



STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda=

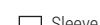


Airvent

H Height

I Pipe Centres

L WIDTH



Always specify the kind of connection needed when ordering.

Bidirectional pipe connection not available

HOW TO ORDER THE RADIATOR ARIANNA

ARTICLE NR. STRUCTURE					
Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A

EXAMPLE	Radiator model E.g.: Arianna	Numero elements E.g.: 16 elements	Height in cm Example: 780 mm	Article code of the connection Example: connection V3	Article code of the colour Example: S16 - Canary	Constant value
AT38	16	078	V03	S16	A	

EXAMPLE OF ARTICLE CODE CREATION

In the case of the radiator:

AT38 ARIANNA

16 16 elements (see the table shown on the side)

078 Height 780 mm (see the table shown on the side)

V03 connection V3

S16 colour S16- Canary (see page 540)

A (Constant value)

The article code will be:

AT38 16 078 V03 S16 A

ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

Kristal valve square With thermostatic option White R01 - ral 9010		White thermostatic head
Copper conn. Ø 12/14/15 Art. nr. 5991990311161		Copper conn. Ø 12/14/15 Art. nr. 5991990311186
Multilayer conn. Ø 16 Art. nr. 5991990311160		Multilayer conn. Ø 16 Art. nr. 5991990311185

ARIANNA

Height H [mm]	330	380	430	530	630	780	830	930	1030
WIDTH L [mm]	N° El.	Watt Δt=50°C							
318	6	277	312	339	399	467	547	582	638
374	7	324	365	395	465	545	638	744	816
430	8	370	417	452	531	623	730	851	933
486	9	416	469	508	598	701	821	957	1050
542	10	462	521	564	664	779	912	969	1166
598	11	509	573	621	731	857	1003	1066	1170
654	12	555	625	677	797	935	1094	1163	1276
710	13	601	677	734	863	1013	1186	1260	1382
766	14	647	729	790	930	1091	1277	1357	1489
822	15	694	781	847	996	1168	1368	1454	1595
878	16	740	833	903	1063	1246	1459	1551	1701
934	17	786	885	960	1129	1324	1550	1648	1808
990	18	832	937	1016	1196	1402	1642	1745	1914
1046	19	879	989	1072	1262	1480	1733	1842	2020
1102	20	925	1042	1129	1328	1558	1824	1939	2127
1158	21	971	1094	1185	1395	1636	1915	2036	2233
1214	22	1017	1146	1242	1461	1714	2006	2133	2339
1270	23	1064	1198	1298	1528	1792	2098	2229	2446
1326	24	1110	1250	1355	1594	1870	2189	2326	2552
1382	25	1156	1302	1411	1660	1947	2280	2423	2658
1438	26	1202	1354	1467	1727	2025	2371	2520	2765
1494	27	1249	1406	1524	1793	2103	2462	2617	2871
1550	28	1295	1458	1580	1860	2181	2554	2714	2977
1606	29	1341	1510	1637	1926	2259	2645	2811	3084
1662	30	1387	1562	1693	1993	2337	2736	2908	3190
									3498

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

ACCESSORIES
AND TECHNICAL
SUPPORT

MY WAY®
SYSTEM

MODELS FOR
REPLACEMENT

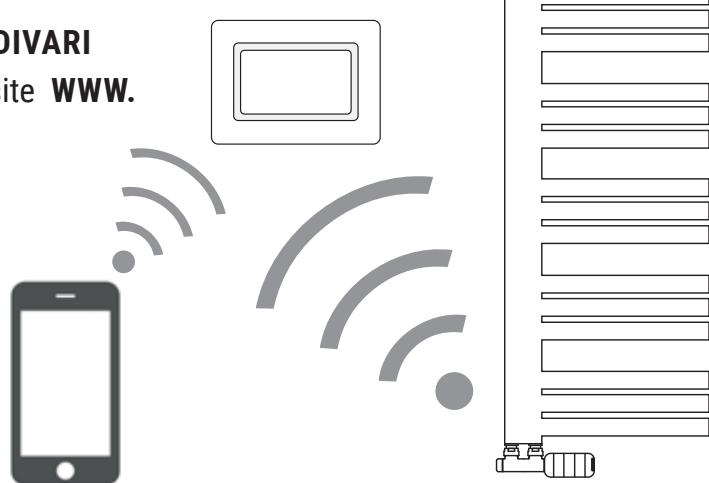
MANAGE YOUR HOME HEATING SYSTEM EVERYWHERE AND WHENEVER YOU WANT

My Way®, the new Cordivari system for managing domestic comfort. Wherever you are, check and manage all radiators, save up to 30% on energy and improve the efficiency of your heating system. My Way® can be applied to all existing systems without the need of costly interventions, quickly and easily. Through its intuitive interface, thanks to the APP that follows you everywhere and to its ability to know and learn your habits of comfort, My Way is the best friend of your comfort living.

IDEAL FOR RENOVATIONS



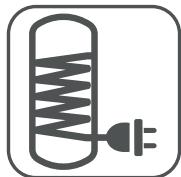
From your smartphone, thanks to the **APP CORDIVARI MY WAY®** or by connecting yourself to our website **WWW.CORDIVARIHOME.COM**



HOME COMFORT SYSTEM

MY WAY® HOME AUTOMATION SYSTEM

MANAGE THE
FUNCTIONING OF ELECTRIC
WATER HEATERS OR OTHER
ELECTRIC DEVICES



OPEN WINDOW SENSOR



PREDICTIVE SYSTEM WHO
KNOWS AND ANTICIPATES
YOUR NEEDS



MANAGEMENT OF ELECTRIC
TOWEL WARMERS



STATISTICS AND ENERGY
CONSUMPTION



CONTROL THE HOME
COMFORT FROM YOUR
SMARTPHONE



CUSTOMIZE EVERY ROOM
ACCORDING TO YOUR
NEEDS



WIIRELESS
THERMOSTATIC HEAD



MY HEAD



ARDÉSIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

ACCESSORIES
AND TECHNICAL
SUPPORT

MY WAY® HOME AUTOMATION SYSTEM



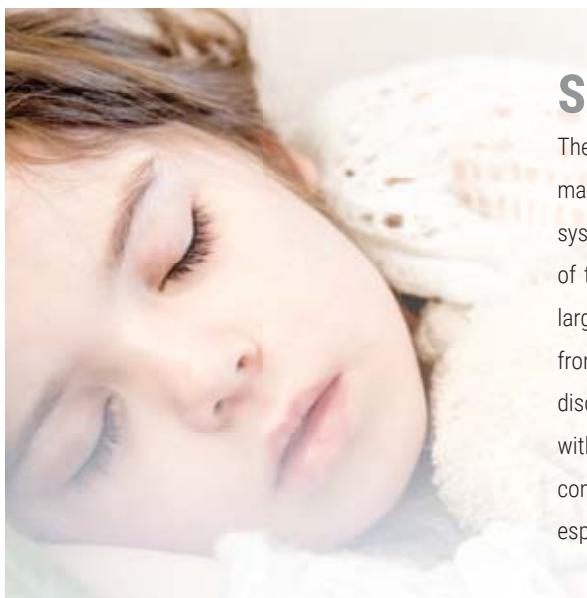
BEAUTIFUL

100% made in Italy design and technology.

The MY WAY® system combines functionality and design thanks to the interface of the control unit and the APP which are extremely intuitive and easy to use, the result of the Cordivari research and the best Italian technology. The thermostatic heat MY HEAD with clean and rigorous design is the most compact on the market with its minimum dimensions and integrates with any furniture style and gives added value to any radiator. The ergonomics of the thermostatic head is designed for an easy and immediate use even without intervening on the control unit or on the APP.

EASY

My Way® can be installed on any existing system without any electric or hydraulic operation. My Head heads are compatible with all common types of thermostatic valves on the market. Wireless connections with terminals and between the different components are quick and easy to run through the touch screen control unit. Thanks to the APP available for all Android and IOs mobile devices, to manage the entire system is extremely simply and affordable for everyone. Each user can easily administer the system, through the created account, safely and intuitively wherever you are.



SAFE

The great precision of the algorithm and system sensors of the My Way® guarantees maximum comfort and energy performance of the system which makes the My Way® system a reliable companion in ensuring efficiency, savings and serenity. The operation of the electronic thermostatic heads is designed to preserve the batteries, ensuring large autonomy. The child lock function, which is equipped the My Head with, protects from accidental changes of settings. The systems keep all user settings even after disconnection due to electrical blackout, battery change and lack of WIFI connection with router or software updates. With the ability to work in any position, My Head in combination with the space saving corner valves Cordivari are the best safety solution especially in traditional towel warmers or thinner radiators.

MY WAY® HOME AUTOMATION SYSTEM

CONTROL UNIT

The control unit My Way®, with its intuitive touch screen interface, allows you to set all functions of the system and to manage the entire system with wireless system. The controller connects to the WIFI router of your home to allow the management of the system by mobile phone thanks to the APP that follows you everywhere.



ELECTRONIC THERMOSTATIC HEADS

The new **electronic heads HY HEAD** are wireless thermostatic heads **applicable on all thermostatic valves** very easily. The heads do not require electrical connection and My Head have great autonomy; control precision and advanced electronics guarantees comfort and savings.

HEAT SOURCE CONTROLLER

The heat source controller manages activation of the heat generator or heat pump. Through the wireless connection with MY WAY® controls the generator according to the needs of set comfort, maximizing operating efficiency.



ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

MY WAY®
SYSTEM

ACCESSORIES
AND TECHNICAL
SUPPORT



HOME COMFORT KIT SYSTEM

This kit includes everything you need to implement easily the MY WAY® system on the home installation:

- My Head electronic thermostatic heads in white color
- Control unit My Way®
- Heat source controller



Description	N° MY HEAD	Art. nr.
MY WAY® COMFORT KIT 4	4	3436316710003
MY WAY® COMFORT KIT 6	6	3436316710004
MY WAY® COMFORT KIT 8	8	3436316710005
MY WAY® COMFORT KIT 10	10	3436316710006

COMPONENTS



MY HEAD ELECTRONIC THERMOSTATIC HEADS

Wireless electronic thermostatic heads, applicable on all thermostatic valves. The heads My Head also work in stand-alone mode without internet access. Each package includes adaptors for valves with M28/24/30 thread. Additional adapters are available on request.

DESCRIPTION	Art. nr.	Diameter [mm]	Length [mm]
MY HEAD - WHITE	5035270710022		
MY HEAD - BLACK	5035270710023	48	95
MY HEAD - CHROMED	5035270710024		



CONTROL UNIT MY WAY®

Control unit with WIFI connection for manage of the entire system and associable devices. The unit can be remotely controlled through the application for smartphones and tablets and the Web APP. The package contains the controller, power supply with wall bracket and the bracket for the table.

Art. nr.	WIDTH [mm]	Height [mm]
5755280000024	150	110

MY WAY® HOME AUTOMATION SYSTEM

HEAT SOURCE CONTROLLER

Wireless device for managing the heat generator. Thanks to the heat source controller, the My Way® system manages booting and switching off of the generator, optimizing performance and energy consumption according to the set settings.



Art. nr.

5150990000005

ELECTRIC CABLE POWER SUPPLY

Full board power supply cable USB type. This accessory is useful if you want to position and keep the control unit powered resting it on a plane surface with the bracket for the table, rather than fixed to the wall with the bracket.



Art. nr.

5755280000028

RF ANTENNA REPEATER

Useful accessory to repeat and amplify your wireless signal between the control unit and associated devices. The antenna repeater is used only if necessary because of distance of physical obstacles standing in the way which reduces the power of the signal.



Art. nr.

5150990000009

EXTERNAL TEMPERATURE SENSOR

External temperature sensor. The detected external temperature is transmitted to the My Way® control unit.



Art. nr.

5150990000008

DIGITAL THERMOSTAT

Wireless device useful for managing multiple present devices or electronic head My Head. The accessory is useful for grouping and operate synchronously and optimized these environments through a single setting. With digital programmable thermostat, you can group and create rooms and/or areas in the system. The accessory in conjunction with the receiver for electrical devices permits to manage thermoelectric device for on/off mode.



Art. nr.

5150990000007

RECEIVER FOR ELECTRICAL DEVICE

Wireless device for control (on-off) of an electrical device associated to My Way®.



Art. nr.

5150990000006

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MY WAY®
SYSTEM
MODELS FOR
REPLACEMENT

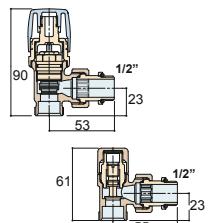
ACCESSORIES
AND TECHNICAL
SUPPORT

ACCESSORIES

VALVES KIT

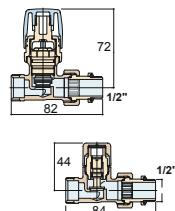
Valve kit includes: valve and holder, fittings for copper (\varnothing 12-14-15) or multilayer (\varnothing 16) pipes.

The art. nr. of the chart refer to standard colour white R01 - RAL 9010; colours different from standard are supplied exclusively with the matching coloured radiator. Colour surcharge indicated in colour chart page 540.



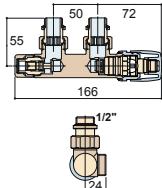
KRISTAL VALVE SQUARE WITH THERMOSTATIC OPTION
WHITE R01 - RAL 9010

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990311161	Art. nr. 5991990311160



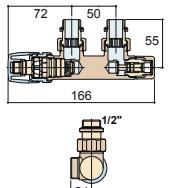
KRISTAL VALVE STRAIGHT WITH THERMOSTATIC OPTION
WHITE R01 - RAL 9010

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990311159	Art. nr. 5991990311158



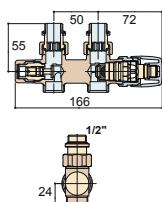
KRISTAL VALVE SQUARE RIGHT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION - WHITE R01 - RAL 9010

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990311186	Art. nr. 5991990311185



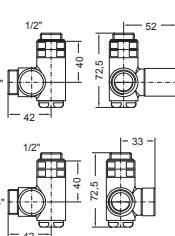
KRISTAL VALVE SQUARE LEFT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION - WHITE R01 - RAL 9010

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990311188	Art. nr. 5991990311187



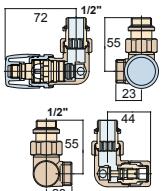
KRISTAL VALVE STRAIGHT RIGHT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION - WHITE R01 - RAL 9010

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990311190	Art. nr. 5991990311189



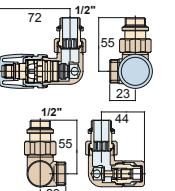
KRISTAL VALVE COMBI
WITH THERMOSTATIC OPTION - WHITE R01 - RAL 9010

Copper conn. \varnothing 12-14-15 e Multilayer conn. \varnothing 16
Art. nr. 5991990310555



KRISTAL VALVE CORNER RIGHT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION - WHITE R01 - RAL 9010

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990311176	Art. nr. 5991990311175



KRISTAL VALVE CORNER LEFT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION - WHITE R01 - RAL 9010

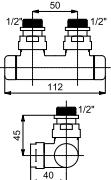
Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990311178	Art. nr. 5991990311177

ACCESSORIES

VALVES KIT

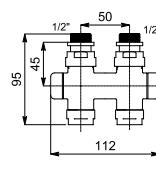
Valve kit includes: valve and holder, fittings for copper (\varnothing 12-14-15) or multilayer (\varnothing 16) pipes.

The art. nr. of the chart refer to standard colour white R01 - RAL 9010; colours different from standard are supplied exclusively with the matching coloured radiator. Colour surcharge indicated in colour chart page 540.



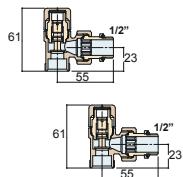
KRISTAL VALVE SQUARE RIGHT PIPE CENTRES 50 MM
WHITE R01 - RAL 9010

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990311192	Art. nr. 5991990311191



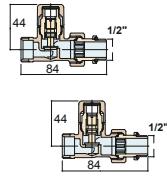
KRISTAL VALVE STRAIGHT RIGHT PIPE CENTRES 50 MM
WHITE R01 - RAL 9010

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990311194	Art. nr. 5991990311193



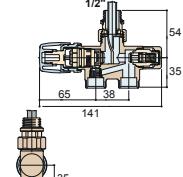
KIT 2 HOLDERS SQUARE
WHITE R01 - RAL 9010

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990010226	Art. nr. 5991990010225



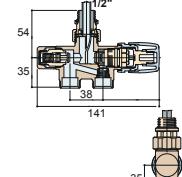
KIT 2 HOLDERS STRAIGHT
WHITE R01 - RAL 9010

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990010228	Art. nr. 5991990010227



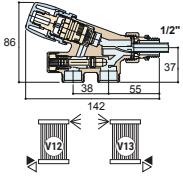
VALVE KRISTAL BIDIRECTIONAL UNDERNEATH INLET AT LEFT SIDE WITH THERMOSTATIC OPTION - WHITE R01 - RAL 9010

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990311182	Art. nr. 5991990311181



VALVE KRISTAL BIDIRECTIONAL UNDERNEATH INLET AT RIGHT SIDE WITH THERMOSTATIC OPTION - WHITE R01 - RAL 9010

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990311180	Art. nr. 5991990311179

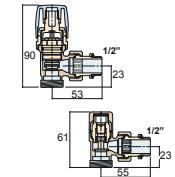


VALVE KRISTAL BIDIRECTIONAL LATERAL INLET
WITH THERMOSTATIC OPTION - WHITE R01 - RAL 9010

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990311184	Art. nr. 5991990311183



VALVES KIT ELEGANT TINTA
(SEE CORDIVARI DESIGN CATALOGUE)



EUROKONUS VALVES SQUARE WITH THERMOSTATIC OPTION
WHITE R01 - RAL 9010 - 3/4" CONNECTION

Art. nr. 5991990332877

PIPER ADAPTOR FOR EUROKONUS

Copper connection \varnothing 12	Multilayer connection \varnothing 14
Art. Nr. 5991990010234	Art. Nr. 5991990010237

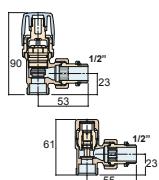
Copper connection \varnothing 14	Multilayer connection \varnothing 16
Art. Nr. 5991990010235	Art. Nr. 5991990010238

Copper connection \varnothing 15
Art. Nr. 5991990010236

ACCESSORIES

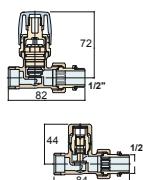
VALVES KIT

Valve kit includes: valve and holder, fittings for copper (\varnothing 12-14-15) or multilayer (\varnothing 16) pipes.



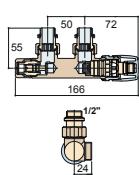
KRISTAL VALVE SQUARE WITH THERMOSTATIC OPTION
CHROMED FINISHING

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990311165	Art. nr. 5991990311166



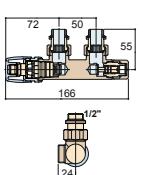
KRISTAL VALVE STRAIGHT WITH THERMOSTATIC OPTION
CHROMED FINISHING

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990311163	Art. nr. 5991990311164



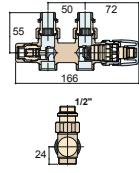
KRISTAL VALVE SQUARE RIGHT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION - CHROMED FINISHING

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990301150	Art. nr. 5991990301149



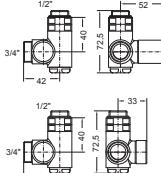
KRISTAL VALVE SQUARE LEFT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION - CHROMED FINISHING

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990301152	Art. nr. 5991990301151



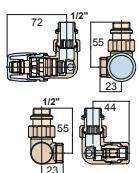
KRISTAL VALVE STRAIGHT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION - CHROMED FINISHING

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990301154	Art. nr. 5991990301153



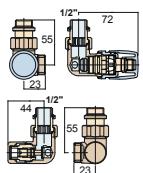
KRISTAL VALVE COMBI
WITH THERMOSTATIC OPTION - CHROMED FINISHING

Copper conn. \varnothing 12-14-15 e Multilayer conn. \varnothing 16	
Art. nr. 5991990310556	



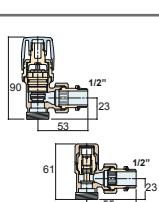
KRISTAL VALVE CORNER RIGHT
WITH THERMOSTATIC OPTION - CHROMED FINISHING

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990301146	Art. nr. 5991990301145



KRISTAL VALVE CORNER LEFT
WITH THERMOSTATIC OPTION - CHROMED FINISHING

Copper conn. \varnothing 12-14-15	Multilayer conn. \varnothing 16
Art. nr. 5991990301148	Art. nr. 5991990301147



EUROKONUS VALVES SQUARE WITH THERMOSTATIC OPTION
CHROMED FINISHING- 3/4" CONNECTION

Art. nr. 5991990332878

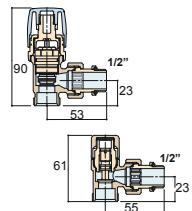
PIPER ADAPTOR FOR EUROKONUS

Copper connection \varnothing 12	Multilayer connection \varnothing 14
Art. Nr. 5991990010234	Art. Nr. 5991990010237
Copper connection \varnothing 14	Multilayer connection \varnothing 16
Art. Nr. 5991990010235	Art. Nr. 5991990010238
Copper connection \varnothing 15	
Art. Nr. 5991990010236	

ACCESSORIES

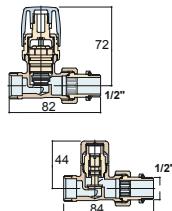
VALVES KIT

Valve kit includes: valve and holder, fittings for copper (\varnothing 12-14-15) or multilayer (\varnothing 16) pipes.



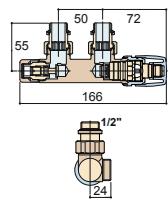
KRISTAL VALVE SQUARE WITH THERMOSTATIC OPTION
SATIN FINISHING

Copper conn. \varnothing 12-14-15 Art. nr. 5991990321143	Multilayer conn. \varnothing 16 Art. nr. 5991990321144
---	---



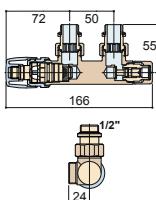
KRISTAL VALVE STRAIGHT WITH THERMOSTATIC OPTION
SATIN FINISHING

Copper conn. \varnothing 12-14-15 Art. nr. 5991990321147	Multilayer conn. \varnothing 16 Art. nr. 5991990321148
---	---



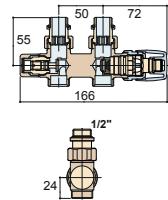
KRISTAL VALVE SQUARE RIGHT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION - SATIN FINISHING

Copper conn. \varnothing 12-14-15 Art. nr. 5991990321138	Multilayer conn. \varnothing 16 Art. nr. 5991990321137
---	---



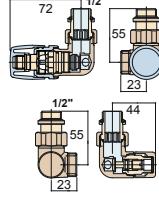
KRISTAL VALVE SQUARE LEFT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION - SATIN FINISHING

Copper conn. \varnothing 12-14-15 Art. nr. 5991990321140	Multilayer conn. \varnothing 16 Art. nr. 5991990321139
---	---



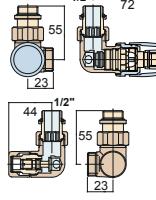
KRISTAL VALVE STRAIGHT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION - SATIN FINISHING

Copper conn. \varnothing 12-14-15 Art. nr. 5991990321142	Multilayer conn. \varnothing 16 Art. nr. 5991990321141
---	---



KRISTAL VALVE CORNER RIGHT
WITH THERMOSTATIC OPTION - SATIN FINISHING

Copper conn. \varnothing 12-14-15 Art. nr. 5991990321134	Multilayer conn. \varnothing 16 Art. nr. 5991990321133
---	---

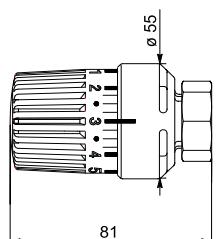


KRISTAL VALVE CORNER LEFT
WITH THERMOSTATIC OPTION - SATIN FINISHING

Copper conn. \varnothing 12-14-15 Art. nr. 5991990321136	Multilayer conn. \varnothing 16 Art. nr. 5991990321135
---	---

ACCESSORIES

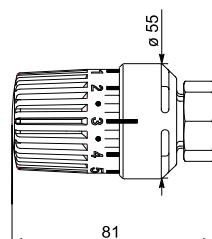
VALVES KIT



WHITE THERMOSTATIC HEAD

Functioning in compliance with UNI EN 215:2007 regulation

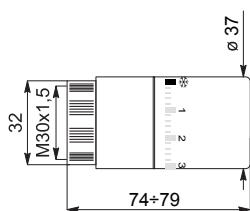
Art. nr. 5035270710001



CHROMED THERMOSTATIC HEAD

Functioning in compliance with UNI EN 215:2007 regulation

Art. nr. 5035270710014

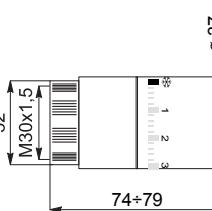


WHITE THERMOSTATIC HEAD

Functioning in compliance with UNI EN 215:2007 regulation

Art. nr. 5035270710016

Kit 2 pieces

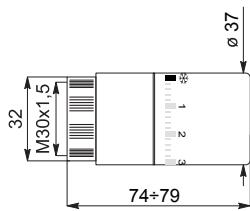


CHROMED THERMOSTATIC HEAD

Functioning in compliance with UNI EN 215:2007 regulation

Art. nr. 5035270710015

Kit 2 pieces



SATIN THERMOSTATIC HEAD

Functioning in compliance with UNI EN 215:2007 regulation

Art. nr. 5035270710018

Kit 2 pieces

FITTINGS



FITTINGS FOR COPPER CONNECTION - Ø 10-16

Ø	Art. nr.	
10	5160000000144	
16	5160000000145	

KIT WITH 5 PAIRS



FITTINGS FOR MULTILAYER CONNECTION - Ø 10-16

Ø	Art. nr.	
14	5160000000146	
18	5160000000147	

KIT WITH 5 PAIRS



FITTINGS FOR MULTILAYER CONNECTION - Ø 20

Ø	Art. nr.	
20	5006170050017	

KIT WITH 1 PAIR

ACCESSORIES

VALVES KIT



SET FOR PIPE COVERING
WHITE FINISHING

\emptyset	Art. nr.
10	5103000000063
12	5103000000064
14	5103000000065
15	5103000000066
16	5103000000067
18	5103000000068

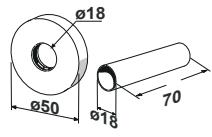
KIT WITH 10 PAIRS



SET FOR PIPE COVERING
POLISHED FINISHING

\emptyset	Art. nr.
10	5103000000069
12	5103000000070
14	5103000000071
15	5103000000072
16	5103000000073
18	5103000000074

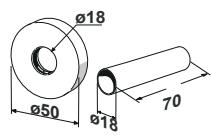
KIT WITH 10 PAIRS



SET FOR PIPE COVERING
WHITE FINISHING

Art. nr. 5103000000060

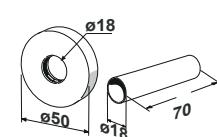
KIT WITH 1 PAIR



SET FOR PIPE COVERING
SATIN FINISHING

Art. nr. 5103000000062

KIT WITH 1 PAIR



SET FOR PIPE COVERING
POLISHED FINISHING

Art. nr. 5103000000061

KIT WITH 1 PAIR

FITTINGS



FITTING
FOR KRISTAL VALVES

Art. nr.
1/2"
3/8"

KIT WITH 5 PAIRS



IRON PIPES FITTING
FOR KRISTAL VALVES

Art. nr.
1/2"
3/8"

KIT WITH 5 PAIRS

INSTALLATION AND FIXING

WALL BRACKETS KIT

For the installation is recommended to use the wall brackets provided by Cordivari, size 12 mm and 16 mm depending on model.

The kit includes:

- 2 wall brackets
- 2 plastic nogs

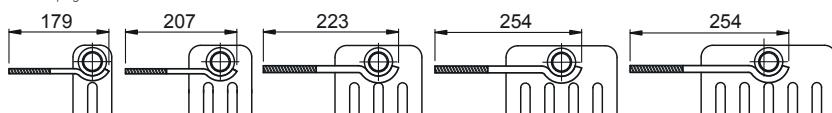


HOW TO CALCULATE THE NUMBER OF WALL BRACKETS REQUIRED.

Always remember to consider both the Dry Weight of the radiator and its water content.

N° COLUMNS	Art. nr.	ø Nogs (mm)	L (mm)	L1 (mm)	Portata max per coppia [kg]
2	5991990310378	12	179	100	150
3	5991990310379	12	207	100	100
4	5991990310380	15	223	111	200
5					160
6	5991990310381	15	254	111	80

The code nr of the chart refer to standard colour white R01 RAL 9010; colours different from standard are supplied exclusively with the matching coloured radiator. Colour surcharge indicated in colour chart at page 540.



Eg: an Ardesia radiator consisting of:

n° COLUMNS: 4 - Height: 1000 - n° elements: 48

Total Dry Weight of 1 section, water included: $2.96 * [\text{Dry Weight of empty section}] + 1.84 * [\text{Dry Weight of water contained in the section}] = \text{total kg. } 4.8$.

Total Dry Weight of the whole radiator: $4.8 \text{ kg} \times 48 \text{ [sections]} = 230.4 \text{ kg}$

No. of fixing kits to order: $230.4 \text{ kg} / 200 \text{ [max Dry Weight that 1 wall brackets kit can take for Ardesia® 4 columns]} = 1.15$. The number of kits necessary in this case is 2 - Code Nr. 5991990310380.

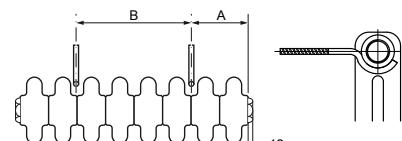
(*) Above data are taken from the relevant technical table (see page 246).

HOW TO CHOOSE THE CORRECT NUMBER OF BRACKETS TO SUPPORT RADIATOR DRY WEIGHT

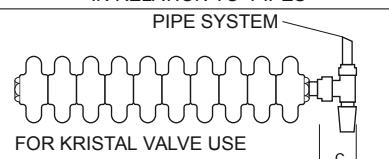
Max. number of sections that can be supported by a pair of brackets available for solid/masonry and perforated brick walls.

Height	N° COLUMNS				
	2	3	4	5	6
207	40	40	40	40	40
300	40	40	40	40	31
356	40	40	40	40	27
400	40	40	40	40	25
406	40	40	40	40	24
500	40	40	40	40	20
556	40	40	40	40	19
586	40	40	40	40	18
600	40	40	40	40	18
626	40	40	40	40	17
656	40	40	40	39	16
676	40	40	40	38	16
750	40	36	40	35	14
756	40	36	40	34	14
786	40	35	40	33	14
856	40	32	40	31	13
876	40	31	40	30	12
900	40	30	40	29	12
926	40	30	40	29	12
956	40	30	40	29	12
1000	40	28	40	27	11
1056	40	26	39	25	11
1200	40	23	35	23	9
1500	40	19	28	18	8
1656	39	17	26	17	7
1800	36	16	24	15	6
1856	35	15	23	15	6
2000	32	14	22	14	6
2056	32	14	21	13	6
2200	30	13	20	13	5
2500	26	12	17	11	5

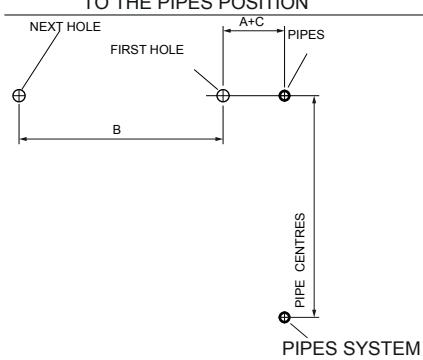
DETERMINE THE BRACKET POSITION IN RELATION TO THE RADIATOR



DETERMINE THE POSITION OF THE RADIATOR IN RELATION TO PIPES



REALIZE HOLES ON THE WALL IN RELATION TO THE PIPES POSITION



INSTALLATION AND FIXING

ardesia®

RAPID FIXING SAFETY KIT VDI6036 COLOUR WHITE RAL 9010

These new fixing kit comply to VDI 6036 norm regulating the safe anchoring of wall hung radiators. They guarantee a correct support in relation to the radiator Dry Weight and ensure stability and resistance to traction from every direction. This leads to maximum safety and easy installation.

RAPID FIXING COLOUR WHITE RAL 9010(*)

Pair of fixing kit	Suitable for the following heights	Art. nr.	Max Load
	300 ÷ 350mm	5102000000440	
	350 ÷ 450mm	5102000000441	
	500 ÷ 700mm	5102000000442	
	750 ÷ 1000mm	5102000000443	150
	above 1000mm (**)	5102000000444	

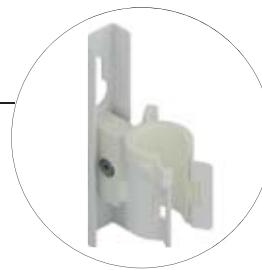
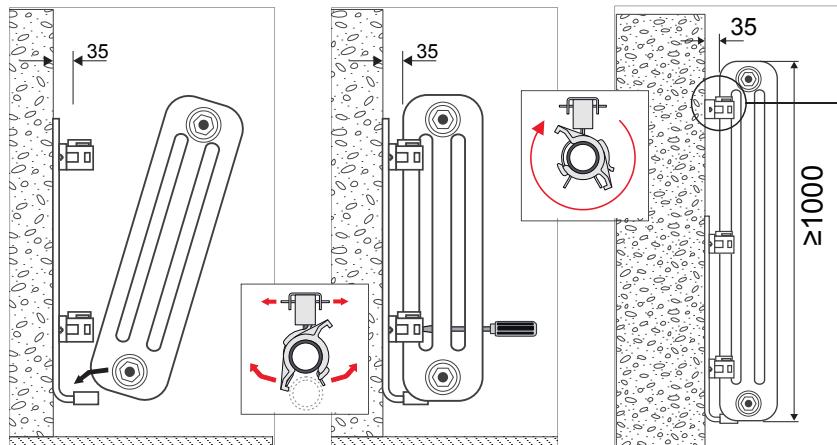


(*)The code nr of the chart refers to standard colour white R01 - RAL 9010; colours different from standard are supplied exclusively with the matching coloured radiator.

Colour surcharge indicated in colour chart page 540.

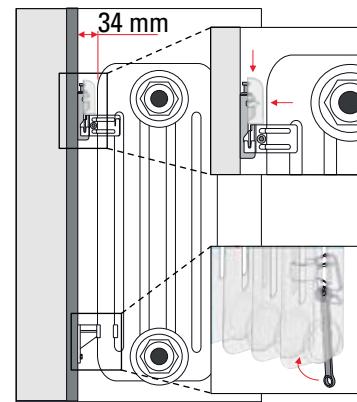
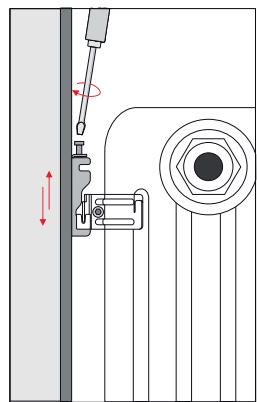
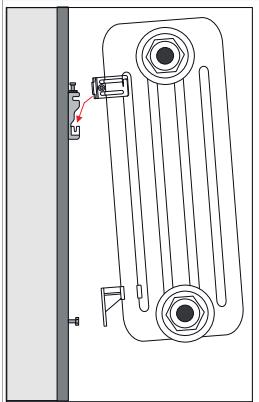
(**) For Heights above 1000 mm the art. code includes an additional pair of fixing kit to be placed on the upper part of the radiator so to ensure complete stability as per below drawing.

EXAMPLE OF INSTALLATION WITH RAPID SAFETY KIT



UNIVERSAL RAPID SAFETY KIT

PAIR OF WALL TIES FIXING KIT COLOUR WHITE	Art. nr.	Max Load
	5991990310311	150

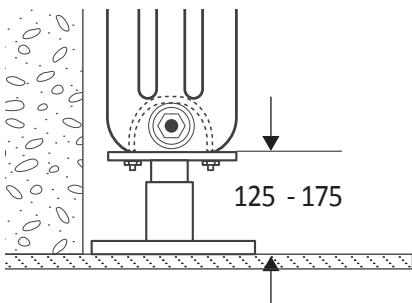


INSTALLATION AND FIXING

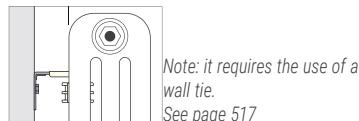
ardesia®

FLOOR FIXING KIT

FLOOR FIXING KIT WITH ADJUSTABLE FEET



This floor fixing support allows the installation of Ardesia® batteries whenever the radiator dry weight can not be supported from walls only. They ensure stability and easy installation.



Pair of floor fixig kit with adjustable height. From 125mm up to 175mm. Available for radiators from 2 up to 6 columns. Colour White

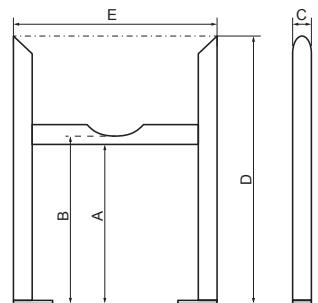
Art. nr. 5991990310040

FIXING KIT WITH COLOURABLE SLIP ON FEET

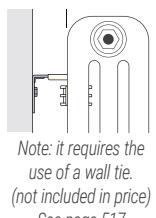


For colours different from standard white R01 - RAL 9010 surcharge 30 %. See colour chart page 540.

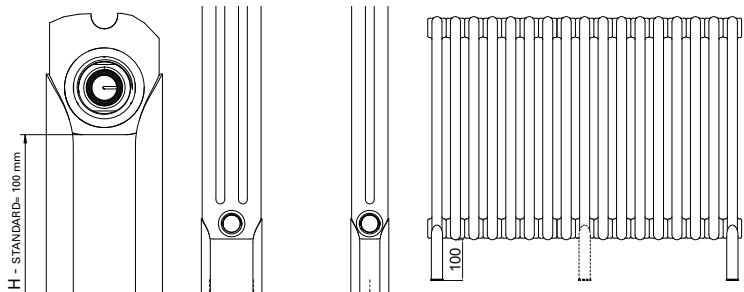
Suitable for	Art. nr. (colour White R01 - RAL 9010)	[mm]				
		A	B	C	D	E
2 COLUMNS	5102000000580	120	125,5	30	200	71,5
3 COLUMNS	5102000000581	120	125,5	30	200	112,5
4 COLUMNS	5102000000582	120	125,5	30	200	153,5
5 COLUMNS	5102000000583	120	125,5	30	200	194
6 COLUMNS	5102000000584	120	125,5	30	200	236



WELDED FEET SUPPORT



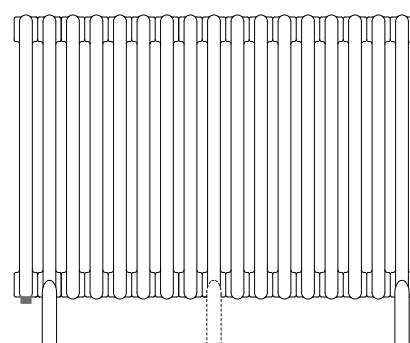
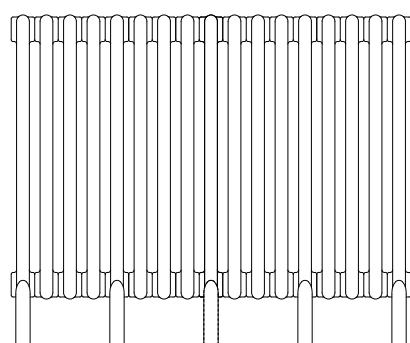
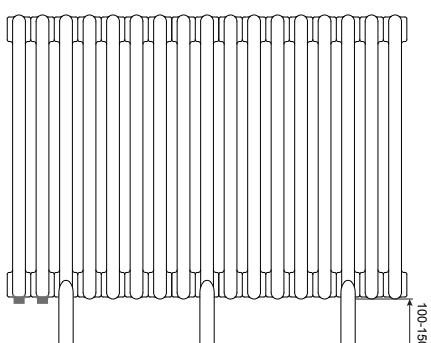
Note: it requires the use of a wall tie.
(not included in price)
See page 517



	2 COLUMNS	3 COLUMNS	4 COLUMNS	5 COLUMNS	6 COLUMNS	FEET STANDARD HEIGHT
STANDARD EXECUTION	connected at the base		free			[mm]
from 3 to 23 Elements	2 pairs	2 pairs	2 pairs	2 pairs	2 pairs	100
from 24 to 40 Elements	3 pairs	3 pairs	3 pairs	4 pairs	4 pairs	100
from 40 to 63 Elements	4 pairs	4 pairs	4 pairs	4 pairs	4 pairs	100

On demand, it is possible to realize:

- welded feet with 150mm of height • bottom sleeves to ease installation • welded feet positioned irregularly • higher number of welded feet



INSTALLATION AND FIXING

ardesia®

FLOOR FIXING KIT

PAIR OF CAST-IRON FLOOR SUPPORTS



PAIR OF CAST-IRON FLOOR SUPPORTS

Available colour: white

Art. nr. 5991990310308

NEW

SINGLE CAST-IRON FLOOR SUPPORT



SINGLE CAST-IRON FLOOR SUPPORT

Available colour: white

Art. nr. 5991990310517

NEW

WALL TIE

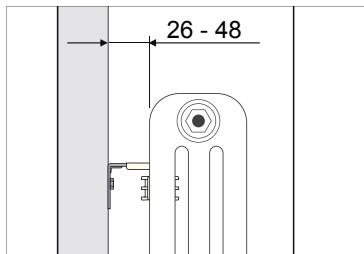
Useful to ensure stability and avoid the risk of accidental overturn

PLEASE NOTE: it is necessary to use the wall tie in case of feet mounting option.

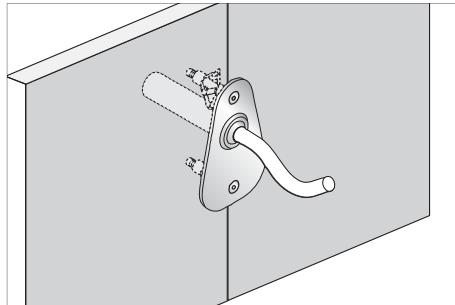


KIT OF 2 SINGLE WALL TIES - COLOUR WHITE

Art. nr. 5991990310307



PLASTERBOARDS WALL ADAPTORS



1 PAIR OF PLASTERBOARDS WALL ADAPTORS - WALL THICKNESS 12,5 MM.

(2 E 3 COLUMNS) suitable for 2/3 columns WALL BRACKETS

Kit Art. nr. 5150991100001

C PAIR OF PLASTERBOARDS WALL ADAPTORS - WALL THICKNESS 12,5 MM.

(4,5 E 6 COLUMNS) suitable for 4/5/6 columns WALL BRACKETS

Kit Art. nr. 5150991100002

MAX LOAD IN KG.

BRACKETS for	WALL THICKNESS 12,5 mm	WALL THICKNESS 12,5 +12,5 mm
2 COLUMNS	46 kg	74 kg
3 COLUMNS	46 kg	74 kg
4 COLUMNS	34 kg	50 kg
5 COLUMNS	30 kg	45 kg
6 COLUMNS	28 kg	40 kg

PAIR OF PLASTERBOARDS WALL ADAPTORS - WALL THICKNESS 25 MM.

(2 E 3 COLUMNS) suitable for 2/3 columns WALL BRACKETS

Kit Art. nr. 5150991100003

PAIR OF PLASTERBOARDS WALL ADAPTORS - WALL THICKNESS 25 MM.

(4,5 E 6 COLUMNS) suitable for 4/5/6 columns WALL BRACKETS

Kit Art. nr. 5150991100004

FIXING KIT (SUITABLE FOR COLOUR F28 - SHINY TRANSPARENT)



1 PAIR
FIXING KIT
(SUITABLE FOR COLOUR
F28 - SHINY TRANSPARENT)

NEW

Art. nr. 5102000030568

1 pair MAX LOAD=78 kg.



2 PAIRS
FIXING KIT
(SUITABLE FOR COLOUR
F28 - SHINY TRANSPARENT)

NEW

Art. nr. 5102000030569

1 pair MAX LOAD=78 kg.

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

MY WAY®
SYSTEM

ACCESSORIES
AND TECHNICAL
SUPPORT

FITTINGS

ardesia®

BLANKING PLUG AND REDUCING BUSHES AVAILABLE IN COLOUR WHITE RAL 9010 ONLY

RIGHT SIDE

10 PCS.

1" caps
Right ø 44 mm
Silicone gasket
Size 1"



Art. nr. 516000000002

LEFT SIDE

10 PCS.

1" caps
Left ø 44 mm
Silicone gasket
Size 1"



Art. nr. 516000000004

BLANKING PLUGS

10 PCS.



1/2" - Art. nr. 516000000007

3/8" - Cod. 5160000000080

RIGHT REDUCING BUSHES

10 PCS.
Reducing Bush RIGHT
Ø 42 mm
Silicone gasket



Art. nr. 516000000013

1" x 3/4"

Art. nr. 516000000009

1" x 1/2"

Art. nr. 516000000017

1" x 3/8"

Art. nr. 516000000021

1" x 1/4"

LEFT REDUCING BUSHES

10 PCS.
Reducing Bush LEFT
Ø 42 mm
Silicone gasket



Art. nr. 516000000015

1" x 3/4"

Art. nr. 516000000011

1" x 1/2"

Art. nr. 516000000019

1" x 3/8"

Art. nr. 516000000023

1" x 1/4"

NIPPLING KIT

- Kit includes:
- 2 reducing bushes Right from 1" M to 1/2 - 3/8" F
 - 1 reducing bush left from 1" M to 1/2 - 3/8" F
 - 1 cap 1" left
 - 1 Air Vent 1/2" - 3/8"
 - Gaskets.



1/2" - Art. nr. 516000000030

3/8" - Cod. 516000000031

HYDRAULIC ACCESSORIES

AIRVENT VALVES

10 PCS.

1/2", 1/4", 3/8"



1/2" - Art. nr. 516000000005

1/4" - Art. nr. 516000000007

3/8" - Art. nr. 516000000006

NIPPLES

10 PCS.
1" nipples + silicon gasket

Use only Cordivari Nipples.
The use of other nipples
does not guarantee the
sealing of the radiator and
excludes the WARRANTY.



Art. nr. 516000000026

DIVERTER

10 PCS.

Reccomended for radiators
with less than 10 sections
and/or higher than
1000 mm.

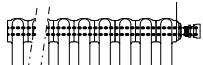


Art. nr. 516000000028

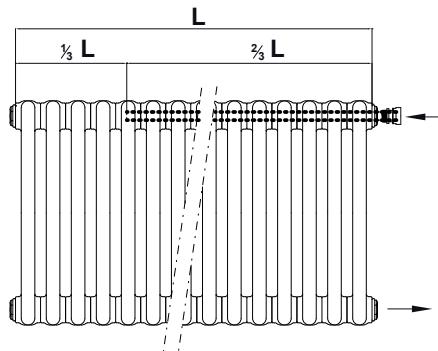
INLET LANCE

Ardesia® tubular radiator with lateral connections exceeds the number of sections and lenght indicated in below chart, in order to guarantee the normal functioning of the radiator and its thermal output, it is neccesary to insert an inlet lance. Its lenght must be the 2/3 of the total radiaors lenght.

INLET LANCE KIT
length 4000 mm (to be cut according to desired lenght)
with 1/2" fitting exclusively for Cordivari Kristal valve



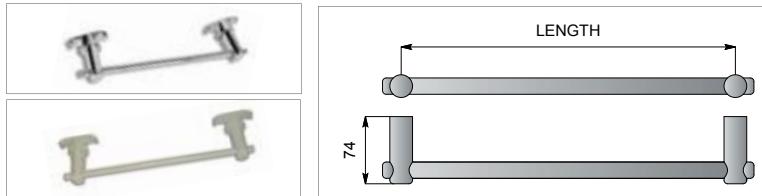
Art. nr. 5006170030110



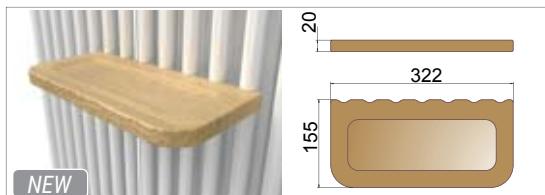
COLUMNS	N° Elements	Lenght of the inlet lance [mm]
2	> 85	3910
3	> 83	3818
4	> 80	3680
5	> 70	3220
6	> 55	2530

HOOKS AND TOWEL BAR**HOOK**

Art. nr.	Finishing/colours	N° of singe items per kit
5991990310376	CHROMED	2
5991990310375	WHITE	2

TOWEL BAR

ART. NR.	Finishing/colours	WIDTH	N° elements
5991990310392	WHITE	322	from 7
5991990310394		525	from 10
5991990310393	CHROMED	322	from 7
5991990310395		525	from 10

WOODEN SHELF

Art. nr.	Finishing
5991990500013	White Oak

Available only for Ardesia® 2 and 3 COLUMNS ≥ 9 elements

MAINTENANCE**TOUCH-UP PENS - R01**

2 PCS PACK FOR WHITE RAL 9010

Art. nr. 5160000000076

TOUCH-UP PENS - R02

2 PCS PACK FOR WHITE RAL 9016

Art. nr. 5160000000077

WOOL BRUSH

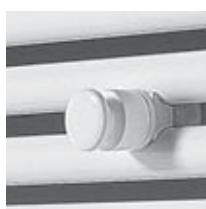
- Antistatic. Ideal to capture dust
- It can be used on both wet and dry surfaces
- Flexible structure, it allows to clean each part of the radiator
- Hand washable in cold water

Art. nr. 5991990000016

ACCESSORIES

HOOKS AND TOWEL BAR PAINTED IN STANDARD COLOUR WHITE RAL 9010*

KIT 2 Hooks - WHITE RAL 9010



Suitable for:	Art. nr.
CLAUDIA®	
CLAUDIA® WIDE	
CLAUDIA® CURVED	5991990310028
DORIANA	

TOWEL BAR - WHITE RAL 9010



Suitable for:	Art. nr.	WIDTH [mm]
CLAUDIA® (Width ≥ 400 mm)	5991990310047	276 mm
CLAUDIA® (Width ≥ 500 mm)	5991990310029	368 mm
CLAUDIA® (Width ≥ 600 mm)	5991990310034	460 mm
CLAUDIA® (Width ≥ 750 mm)	5991990310030	552 mm

KIT 2 Hooks - WHITE RAL 9010



Suitable for:	Art. nr.
LUCY 18	
LUCY 18 WIDE	
BRIGITTE	5991990310388
ALICE 18	
LUCY Electric	
DORY	
DORY Electric	5991990310389
DORY BLOWER	
ROSY vert./orizz.	
KATIA VX	5991990310391
KARIN VX	

TOWEL BAR - WHITE RAL 9010



Suitable for:	Art. nr.	WIDTH [mm]
LUCY 18 (Width ≥ 500 mm)		
ALICE 18 (Width ≥ 480 mm)	5991990331126	440 mm
LUCY 18 Electric		
DORY (Width ≥ 500 mm)		
DORY Electric	5991990331127	390 mm
DORY BLOWER		
ROSY orizz. (Width ≥ 448 mm)		
KATIA VX (Width ≥ 500 mm)	5991990331129	440 mm
KARIN VX (Width ≥ 450 mm)		

*The code nr of the chart refer to standard colour white R01 - RAL 9010; colours different from standard are supplied exclusively with the matching coloured radiator. Colour surcharge indicated in colour chart page 540.

HOOKS AND TOWEL BAR POLISHED STAINLESS STEEL

KIT 2 Hooks - POLISHED STAINLESS STEEL



Suitable for:	Art. nr.
SANDY	5991990010215

TOWEL BAR - POLISHED STAINLESS STEEL



Suitable for:	Art. nr.	WIDTH
SANDY (Width ≥ 500 mm)	5991990010220	350 mm

KIT 2 Hooks - POLISHED STAINLESS STEEL



Suitable for:	Art. nr.
ELEN polished	
ELEN WIDE polished	
NANCY polished	5991990010216
GIADA polished	

TOWEL BAR - POLISHED STAINLESS STEEL



Suitable for:	Art. nr.	WIDTH
ELEN polished (Width ≥ 500 mm)		
GIADA polished (Width ≥ 511 mm)	5991990010221	350 mm

KIT 2 Hooks - POLISHED STAINLESS STEEL



Suitable for:
STEFANIA polished

ACCESSORIES

HOOKS AND TOWEL BAR SATIN STAINLESS STEEL

KIT 2 Hooks - SATIN STAINLESS STEEL



Suitable for:	Art. nr.
ELEN 18 satin	
NANCY satin	5991990010217
GIADA satin	

TOWEL BAR - SATIN STAINLESS STEEL



Suitable for:	Art. nr.	WIDTH
ELEN 18 satin (Width ≥ 500 mm)	5991990010222	350 mm
GIADA satin (Width ≥ 511 mm)		

KIT 2 Hooks - SATIN STAINLESS STEEL



Suitable for:	Art. nr.
STEFANIA satin	5991990010219

WOODEN SHELVES FOR ROSY MIRROR

KIT 2 WOODEN SHELVES - 162x100 mm



Finishing	Art. nr.
White	5991990500006
Bay Oak	5991990500005
Wenghe	5991990500007

for ROSY MIRROR central mirror

KIT 2 WOODEN SHELVES - 218x100 mm



Finishing	Art. nr.
White	5991990500009
Bay Oak	5991990500008
Wenghe	5991990500010

for ROSY MIRROR lateral mirror

TOWEL BAR

FOLDABLE TOWEL BAR IN PLEXIGLASS AND STAINLESS STEEL



WIDTH L x DEPTH P	Art. nr.
L 370 mm x P 377 mm	5991990310402
L 420 mm x P 377 mm	5991990310403

Foldable and removable, it is suitable for towel rails in all finishing: white, coloured, chromed or stainless steel finishing. It can not be used on towel rails with curved elements, Dory and Lucy Plus models
Available with Width ≥ 450 mm

SPARE PARTS - FIXING KIT

PAINTED WALL FIXING BRACKETS

Each kit includes: brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PLEASE NOTE: Fittings and screws supplied with fixing kit, can be used on solid/masonry and perforated brick walls. For installation on different wall material, it is responsibility of the installer to choose appropriate fixing kit.

CLAW FIXING KIT - WHITE RAL 9010*



Suitable for:	Art. nr.
ANNA	5102000000268
DORIANA VT/OR	5102000000004
CLAUDIA® CURVED	5102000000383

CLAW FIXING KIT AND INFRATUBE - WHITE RAL 9010*



Suitable for:	Art. nr.
CLAUDIA	5102000000561
CLAUDIA Electric	

SIDEBURN FIXING KIT - WHITE RAL 9010*



Suitable for:	Art. nr.
BRIGITTE	
DORY	
DORY Electric	
DORY BLOWER	
GLORIA 22	
GLORIA 22 WIDE	
GLORIA 22 BLOWER	
KATIA VX	5102000000390
KATIA VX WIDE	
LUCY 18/25	
LUCY 18 Electric	
LUCY 18/25 plus	
LUCY 18 WIDE	
GLORIA PLUS	
CLAUDIA® WIDE	
NAUSICA	5102000000539
NAIKE	

SIDEBURN FIXING KIT - WHITE RAL 9010*



Suitable for:	Art. nr.
ROSY HOR	
KARIN VX HOR	5102000000390
ALICE HOR	

INFRATUBE FIXING KIT - WHITE RAL 9010*



Suitable for:	Art. nr.
ROSY TANDEM HOR	5102000000046
ALICE 18 TANDEM HOR	5102000000047
KARIN VX Tandem HOR	5102000000587

HOOK FIXING KIT - WHITE RAL 9010*



Suitable for:	Art. nr.
ROSY Vert.	
ROSY Tandem Vert.	5102000000169
ROSY MIRROR	
KEIRA	5102000000169
KEIRA Tandem	5102000000395
ROSY MAX	
KARIN VX Vert.	5102000000256
KARIN VX Tandem	
ALICE 18 Vert.	5102000000166
ALICE18 Tandem Vert.	
ARIANNA	5102000000516

SIDEBURN FIXING KIT AND INFRATUBE - WHITE RAL 9010*

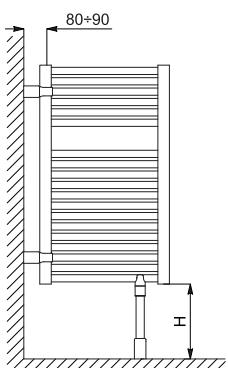


Suitable for:	Art. nr.
KELLY FLAT	
KELLY FLAT Electric	5102000000536
KELLY FLAT BLOWER	

*The code nr of the chart refer to standard colour white R01 - RAL 9010; colours different from standard are supplied exclusively with the matching coloured radiator. Colour surcharge indicated in colour chart page 540.

FLOOR FIXING KIT

FLOOR FIXING KIT - WHITE RAL 9010*



Suitable for:	
CLAUDIA®	
ANNA	
Art. nr. 5102000000202	
H=96 mm	

Art. nr. 5102000000203	
H=146 mm	

Art. nr. 5102000000204	
H=196mm	

*The code nr of the chart refer to standard colour white R01 - RAL 9010; colours different from standard are supplied exclusively with the matching coloured radiator. Colour surcharge indicated in colour chart page 540.

PLEASE NOTE: Fittings and screws supplied with fixing kit, can be used on solid/masonry and perforated brick walls. For installation on different wall material, it is responsibility of the installer to choose appropriate fixing kit.

SPARE PARTS - FIXING KIT

POLISHED WALL FIXING BRACKETS

Each kit includes: brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

PLEASE NOTE: Fittings and screws supplied with fixing kit, can be used on solid/masonry and perforated brick walls. For installation on different wall material, it is responsibility of the installer to choose appropriate fixing kit.

SIDEBURN FIXING KIT - Polished



Suitable for:	Art. nr.
SANDY polished	
ELEN 18 polished	
ELEN 18 WIDE polished	
ELEN 22 polished	5102000000409
NANCY polished	
STEFANIA polished	
LEILA	
LEILA Electric	
ELSA	5102000000411

SIDEBURN FIXING KIT - Polished



Suitable for:	Art. nr.
GIADA HOR polished	5102000000409

HOOK FIXING KIT - Polished



Suitable for:	Art. nr.
GIADA VERT polished	5102000000160

SATIN WALL FIXING BRACKETS

SIDEBURN FIXING KIT - Satin



Suitable for:	Art. nr.
ELEN 18 satin	
NANCY satin	5102000000405
STEFANIA satin	

SIDEBURN FIXING KIT - Satin



Suitable for:	Art. nr.
GIADA HOR satin	5102000000405

HOOK FIXING KIT - Satin



Suitable for:	Art. nr.
GIADA VERT satin	5102000000162

Kit includes:
brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

DUAL ENERGY KIT

"PLUS" DIGITAL THERMOSTAT KIT



NEW

WHITE

Art. nr.	Output [Watt]	Size [mm]
5102000002147	300	ø 12 x 350
5102000002148	400	ø 12 x 415
5102000002149	500	ø 12 x 450
5102000002150	600	ø 12 x 550
5102000002151	700	ø 12 x 550
5102000002152	900	ø 12 x 710
5102000002153	1200	ø 12 x 920

- 1 electric resistance with digital white thermostat, class 1 ingress protection IP44 available from 300W up to 1200W V230. White power cable and Schuko plug included. • 2 "T" polished connections of 1"1/2 • 1 nickelized brass with O-Ring 1/2 gas M • User notice



NEW

GREY

Art. nr.	Output [Watt]	Size [mm]
5102000002154	300	ø 12 x 350
5102000002155	400	ø 12 x 415
5102000002156	500	ø 12 x 450
5102000002157	600	ø 12 x 550
5102000002158	700	ø 12 x 550
5102000002159	900	ø 12 x 710
5102000002160	1200	ø 12 x 920

- 1 electric resistance with digital grey thermostat, class 1 ingress protection IP44 available from 300W up to 1200W V230. Grey power cable and Schuko plug included. • 2 "T" polished connections of 1"1/2 • 1 nickelized brass with O-Ring 1/2 gas M • User notice

"TOP" DIGITAL THERMOSTAT KIT



WHITE

Art. nr.	Output [Watt]	Size [mm]
5102000000458	300	ø 12 x 350
5102000000459	400	ø 12 x 415
5102000000460	500	ø 12 x 450
5102000000461	600	ø 12 x 550
5102000000462	700	ø 12 x 550
5102000000463	900	ø 12 x 710
5102000000464	1200	ø 12 x 920

- 1 electric resistance with digital white thermostat, class 1 ingress protection IP44 available from 300W up to 1200W V230. White power cable and Schuko plug included. • 2 "T" polished connections of 1"1/2 • 1 nickelized brass with O-Ring 1/2 gas M • User notice



CHROMED

Art. nr.	Output [Watt]	Size [mm]
5102000000465	300	ø 12 x 350
5102000000466	400	ø 12 x 415
5102000000467	500	ø 12 x 450
5102000000468	600	ø 12 x 550
5102000000469	700	ø 12 x 550
5102000000470	900	ø 12 x 710
5102000000471	1200	ø 12 x 920

- 1 electric resistance with digital chromed thermostat, class 1 ingress protection IP44 available from 300W up to 1200W V230. Grey power cable and Schuko plug included. • 2 "T" polished connections of 1"1/2 • 1 nickelized brass with O-Ring 1/2 gas M • User notice

"ECO" DIGITAL THERMOSTAT KIT



WHITE

Art. nr.	Output [Watt]	Size [mm]
5102000000638	300	ø 12 x 350
5102000000639	400	ø 12 x 415
5102000000640	500	ø 12 x 450
5102000000641	600	ø 12 x 550
5102000000642	700	ø 12 x 550
5102000000643	900	ø 12 x 710
5102000000644	1200	ø 12 x 920

- 1 electric resistance with analog white thermostat, class 1 ingress protection IP44 available from 300W up to 1200W V230. White power cable and Schuko plug included. • 2 "T" polished connections of 1"1/2 • 1 nickelized brass with O-Ring 1/2 gas M • User notice



CHROMED

Art. nr.	Output [Watt]	Size [mm]
5102000000645	300	ø 12 x 350
5102000000646	400	ø 12 x 415
5102000000647	500	ø 12 x 450
5102000000648	600	ø 12 x 550
5102000000649	700	ø 12 x 550
5102000000650	900	ø 12 x 710
5102000000651	1200	ø 12 x 920

- 1 electric resistance with digital chromed thermostat, class 1 ingress protection IP44 available from 300W up to 1200W V230. Grey power cable and Schuko plug included. • 2 "T" polished connections of 1"1/2 • 1 nickelized brass with O-Ring 1/2 gas M • User notice

REMOTE CONTROLS (INCLUDED)

"PLUS" THERMOSTAT REMOTE CONTROL

NEW



Suitable for electric version of: Claudia®, Lucy, Dory, Kelly flat

Digital thermostat **PLUS**

Art. nr. 5150990000012

Remote control of PLUS digital chrono-thermostat functioning

"TOP" THERMOSTAT REMOTE CONTROL

Suitable for electric version of: Ardesia®, Elen, Stefania, Sandy, Leila



Digital thermostat **TOP**

Art. nr. 5150990000002

Remote control of TOP digital chrono-thermostat functioning

DUAL ENERGY KIT

ANALOG THERMOSTAT KIT



WHITE

Art. nr.	Output [Watt]	Size [mm]
5102000000472	300	ø 12 x 350
5102000000473	400	ø 12 x 415
5102000000474	500	ø 12 x 450
5102000000475	600	ø 12 x 550
5102000000476	700	ø 12 x 550
5102000000477	900	ø 12 x 710
5102000000478	1200	ø 12 x 920

- 1 electric resistance with analog white thermostat, class 1 ingress protection IP44 available from 300W up to 1200W V230. White power cable and Schuko plug included.
- 2 "T" polished connections of 1"1/2 • 1 nickelized brass with O-Ring 1/2 gas M • User notice



CHROMED

Art. nr.	Output [Watt]	Size [mm]
5102000000479	300	ø 12 x 350
5102000000480	400	ø 12 x 415
5102000000481	500	ø 12 x 450
5102000000482	600	ø 12 x 550
5102000000483	700	ø 12 x 550
5102000000484	900	ø 12 x 710
5102000000485	1200	ø 12 x 920

- 1 electric resistance with digital chromed thermostat, class 1 ingress protection IP44 available from 300W up to 1200W V230. Grey power cable and Schuko plug included.
- 2 "T" polished connections of 1"1/2 • 1 nickelized brass with O-Ring 1/2 gas M • User notice

"TOP" DIGITAL THERMOSTAT KIT + COMBI VALVES



CHROMED

Art. nr.	Output [Watt]	Size [mm]
5102000000573	300	ø 12 x 350
5102000000574	400	ø 12 x 415
5102000000575	500	ø 12 x 450
5102000000576	600	ø 12 x 550
5102000000577	700	ø 12 x 550
5102000000578	900	ø 12 x 710
5102000000579	1200	ø 12 x 920

- 1 electric resistance with digital chromed thermostat, class 1 ingress protection IP44 available from 300W up to 1200W V230. Grey power cable and Schuko plug included
- Chromed Combi kit valve - fittings for copper or multilayer pipes included
- User notice

KIT DIGITAL THERMOSTAT "ECO" + VALVOLE COMBI "ECO"



WHITE

Art. nr.	Output [Watt]	Size [mm]
5102000000652	300	ø 12 x 350
5102000000653	400	ø 12 x 415
5102000000654	500	ø 12 x 450
5102000000655	600	ø 12 x 550
5102000000656	700	ø 12 x 550
5102000000657	900	ø 12 x 710
5102000000658	1200	ø 12 x 920

- 1 electric resistance with digital white thermostat, class 1 ingress protection IP44 available from 300W up to 1200W V230. White power cable and Schuko plug included.
- White Combi kit valve - fittings for copper or multilayer pipes included • User notice

WITH BASIC ELECTRIC RESISTANCE AND PLUG



GREY

Art. nr.	Output [Watt]	Size [mm]
5102000000282	300	ø 12 x 350
5102000000455	400	ø 12 x 415
5102000000456	500	ø 12 x 450
5102000000284	600	ø 12 x 550
5102000000457	700	ø 12 x 550
5102000000286	900	ø 12 x 710
5102000000287	1200	ø 12 x 920

- 1 electric resistance with polished cap; class 1, protection class IP54 available from 300W to 1200W, V230.
- 2 "T" polished connections of 1"1/2
- 1 nickelized brass with O-Ring 1/2 gas M
- User notice

REMOTE CONTROLS (OPTIONAL)

"BLOWER" REMOTE CONTROL



Suitable for:

Art. nr.

BLOWER Radiators

5150990000011

Remote control of ventilated functioning

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

MY WAY®
SYSTEM

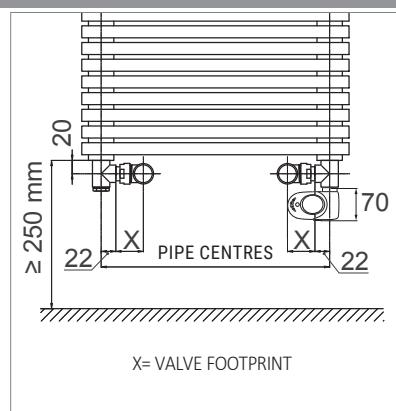
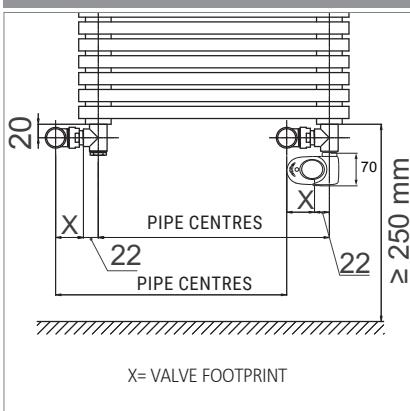
ACCESSORIES
AND TECHNICAL
SUPPORT

DUAL ENERGY KIT

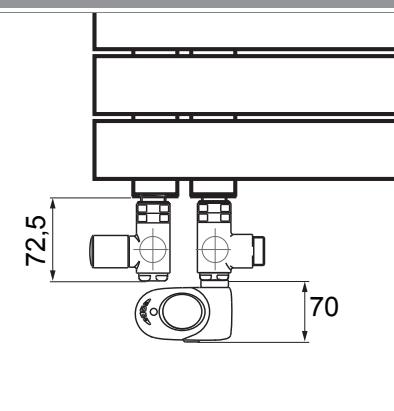
EUROPEAN
WARRANTY



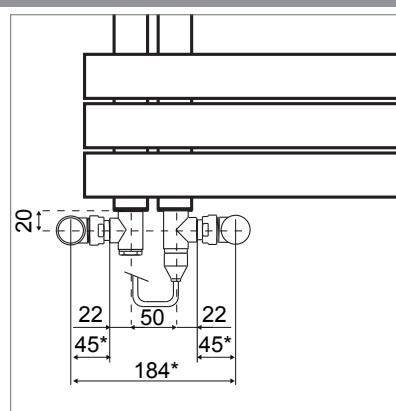
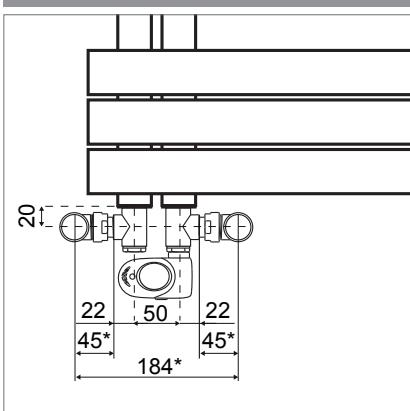
STANDARD CONNECTION



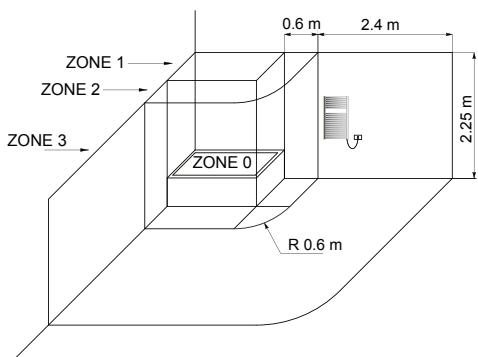
COMBI VALVES KIT CONNECTION



KELLY FLAT MODELS CONNECTION



The combination kit with COMBI valves is the ideal solution for asymmetric models such as KELLY FLAT. This type of valve allows to keep unchanged the center distance of the hot water pipes.



PLUS DIGITAL THERMOSTAT

Digital thermostat with white backlighting, integrated programming, open window sensor and energy consumption indicator in kWh.

MAIN FUNCTIONS

- Room temperature regulation
- Setting of the desired temperature
- Power on / heating in standby
- Selection of operating modes
- Fast heating thanks to the Boost function: this mode allows to increase the temperature in the shortest possible time. This function can be activated for a duration ranging from 10 to 90 minutes at intervals of 5 minutes.
- 6 integrated programs: AUTO (Programming), BOOST, COMFORT, ECO, ANTIFREEZE, STAND-BY HEATING
- Energy consumption meter: automatic indicator of new energy consumption according to the desired temperature

Energy consumption indicator in kWh: estimated consumption in kWh in the last 24 hours or from the last reset of the meter.

Open window sensor: Automatic switch to antifreeze mode when a significant temperature drop is detected during room ventilation.

INSTALLATION REQUIREMENTS

The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



NEW

PROGRAMMING

- 5 different programming profiles for each day of the week: P1, P2, P3, Comfort, Eco
- Customization of programs P1, P2, P3
- Manual and temporary modification of a running program

HELP FOR PARTIALLY SIGHTED USERS

- On / off button in relief to be easily identifiable by touch
- Acoustic signals that indicate the transition from the standby function to an active mode

SAFETY

- Keypad lock for child safety
- Safety settings:
- limitation of the set temperature range (min. and max.) Backup in case of mains power failure:
- Over-temperature protection in Boost mode

TOP DIGITAL THERMOSTAT

MAIN CHARACTERISTICS AND OPERATION MODALITIES

- CRONO: function of chrono-thermostat with daily or weekly programming with two temperature levels (Comfort/Eco)
- COMFORT: Possibility of setting your own desired temperature for time slot for higher comfort
- ECO: Possibility of keeping the temperature constant with lower power consumption. Useful for energy saving when the room is not occupied.
- ANTI-FREEZE: Useful if the room is not used for longer periods
- TIMER/FORCED MARCH: Useful to heat rapidly the room and dry towels thanks to 2h of forced march at max. Power.
- CHILD SAFETY LOCK: special purpose lock of the display panel so to avoid any accidental alteration
- REMOTE CONTROL (optional):The digital thermostat is

equipped with an infrared remote control useful to manage all the aforementioned functions.

- Wide display screen: optimum readability thanks to the backlight
- Ingress protection: IP44
- Protection class: 1
- Operating temperature: from -10°C to +40°C
- Setpoint temperature: from +7°C to +32°C
- Voltage: 230 V / 50 Hz



ECO DESIGN DIGITAL THERMOSTAT

MAIN CHARACTERISTICS AND OPERATION MODALITIES

- CRONO: daily and weekly program with two temperature levels (COMFORT and ECO).
- COMFORT: programmed desired temperature for the comfort time bands.
- ECO: programmed desired temperature for lower consumption time bands. Useful during the night or when the radiator is not exploited.
- ANTIFREEZE: protection mode for the radiator in case of long period of inactivity.
- FORCED MARCH: maximum power mode for 2 hours in order

to rapidly reach the comfort temperature.

- SAFETY: opening window sensor. Children's safety guaranteed thanks to the lock out system, which avoids any accidental modification of the set program.
- Wide LCD screen
- Minimum class protection IP 44
- Class I
- Operational temperature conditions: from -10° C to +40° C
- Settable temperature range: from +7° C to +32° C
- Voltage: 230 V / 50 Hz



SPECIAL EXECUTIONS

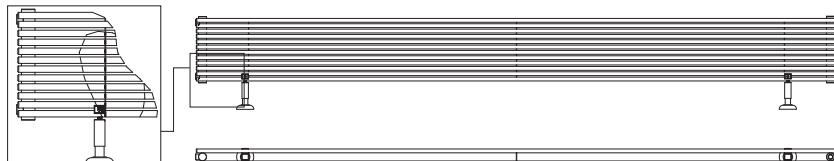
To satisfy increasingly changing market needs, Cordivari has a well experienced and important technical department for "bespoke solutions". Radiators with measures, connections and technical solutions not covered by the catalogue can be developed to customise special requests.

FLOOR FIXING KIT (LIVING DESIGN RADIATORS models)



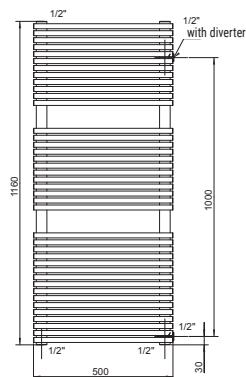
Floor fixing kit on GIADA SATIN.
Available for ROSY - ALICE - GIADA models.
Tandem version excluded.

SOLUTION WITH FLOOR SUPPORTING FEET



Solution for Alice Tandem radiators
Available for all single column radiators "tandem" version

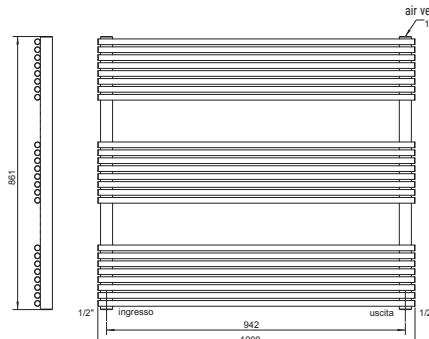
LATERAL CONNECTIONS



Lateral connections with 1000 mm pipes centres shown on Elen polished model.

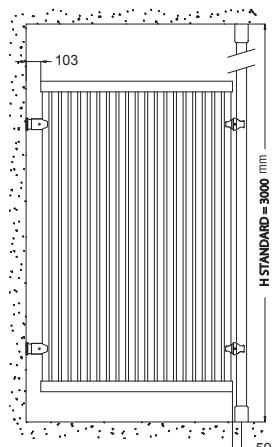
Available for all towel rails
Debby models excluded

CUSTOMISED POSITIONING OF RADIANTS



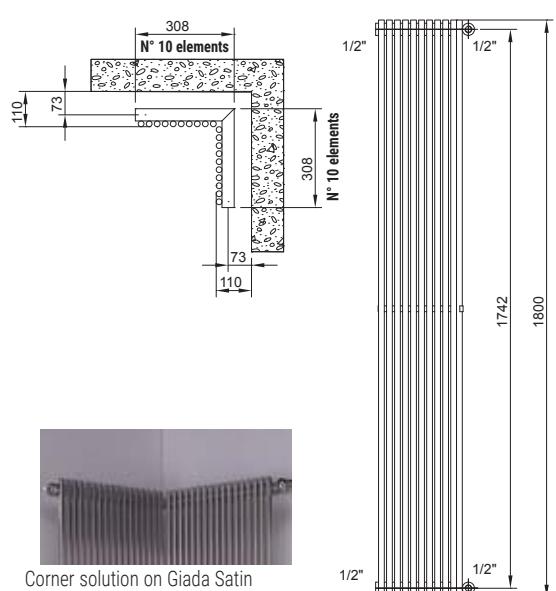
Customised realization of Alice model with "rhythmic" radiants

FLOOR FIXING KIT



Floor Fixing Kit for single-columns radiators with shaft from ceiling to pavement.
Available on DORIANA Vertical models

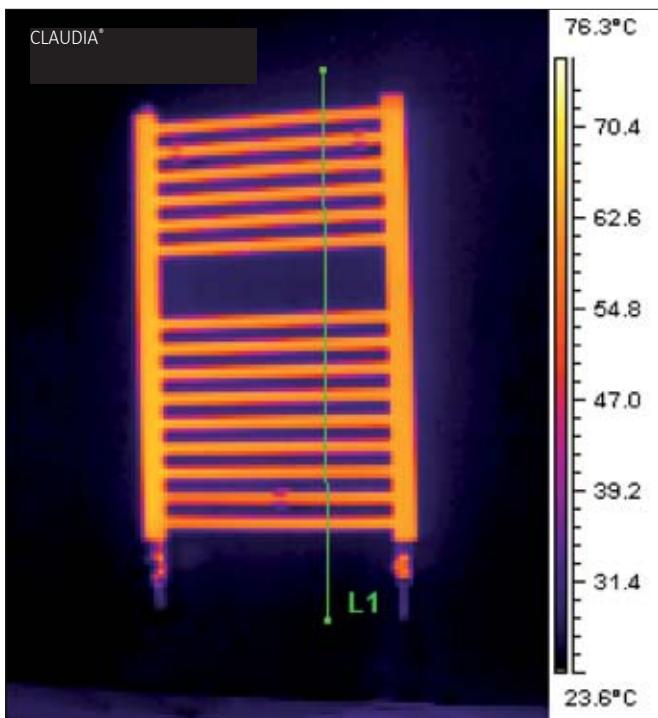
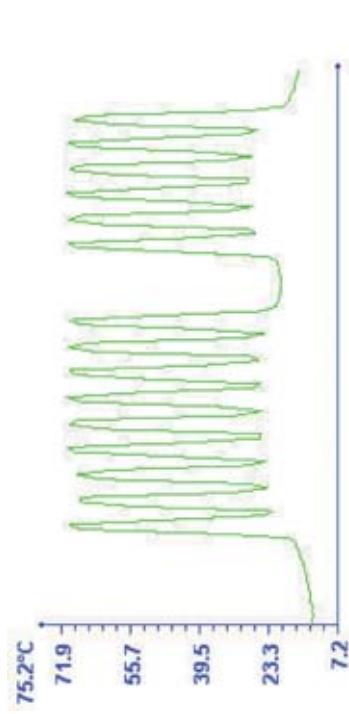
"CORNER" SOLUTION



Corner solution on Giada Satin
Available for all single-column radiators
Tandem version excluded

THERMOGRAPHIC ANALYSIS

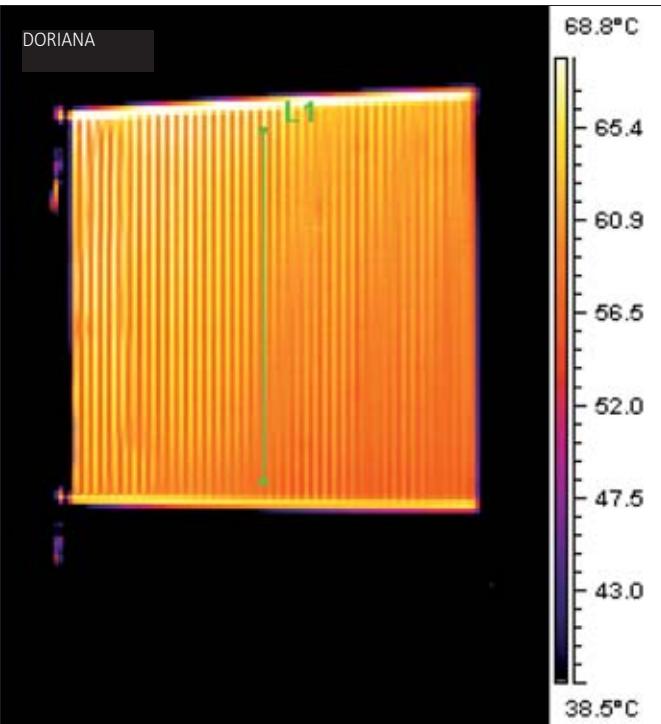
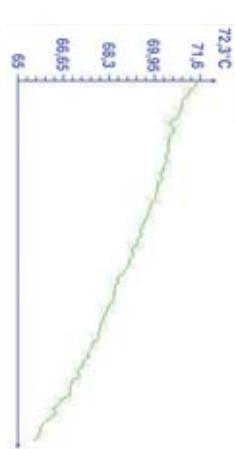
Examples of thermographic analysis for CLAUDIA® and DORIANA models are showed in below graphics.



THERMOGRAPHIC ANALYSIS FOR CLAUDIA® RADIATOR

The image shows a Claudia® radiator exposed to thermographic analysis in our laboratories.

It is easy to notice that the temperature is distributed homogeneously as is also shown on the right graphic presenting the numeric values of the superficial temperature observed in line L1.



THERMOGRAPHIC ANALYSIS FOR DORIANA RADIATOR

The image shows a Doriana radiator variant V3 exposed to thermographic analysis in our laboratories.

It is easy to notice that the temperature is distributed homogeneously as is also shown on the right graphic presenting the regular lowering of temperature in the radiant from top to bottom consequence of the heat transferred to the room.

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MY WAY®
SYSTEM

MODELS FOR
REPLACEMENT

ACCESSORIES
AND TECHNICAL
SUPPORT

TECHNICAL FORMULAS FOR PROFESSIONALS

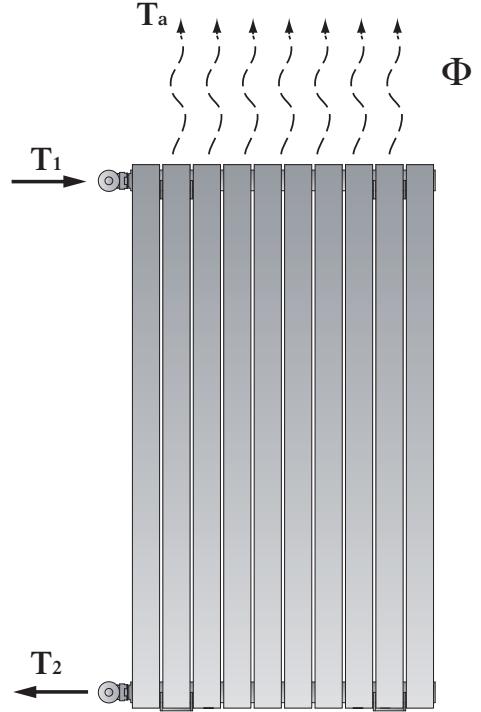
Thermal Output

The power of a radiator to exchange heating in the room where it is installed depends on many factors: shape, size, installation type and so on, and from a pure technical point of view, from the difference between its temperature and the air temperature around it.

It is known in physics that heating is transmitted spontaneously from a hot body to a cold body and this heating transmission is as big as the difference in temperature between the two bodies.

In order to have comparable data between radiators thermal output, it is necessary to establish the difference in temperature between the radiator and the environment in which it has been fitted.

On this regard, EN 442 European directive refers to the temperature difference between the average hot water temperature inside the radiator and the room temperature where the radiator is fitted.



T_1 = delivery temperature

T_2 = back flow temperature

$$\Delta T = \left(\frac{T_1 + T_2}{2} \right) - T_a$$

T_a = environment temperature

As example, if:

$$T_1 = 75^\circ\text{C}$$

$$T_2 = 65^\circ\text{C}$$

$$\Delta T = \left(\frac{75 + 65}{2} \right) - 20 = 50^\circ\text{C}$$

$$T_a = 20^\circ\text{C}$$

ΔT is established at 50°C and the radiator thermal output has to be determined by authorised laboratories according standard procedures, defined by the European directive. As a consequence:

$$\Phi = K_M * \Delta T^n \quad [\text{W}]$$

That it is called "Heating Body Typical Equation". Such equation allow to calculate the radiator thermal output according to whatever ΔT . In such cases, the radiator thermal output at a different ΔT than 50°C , it is calculated as follows:

$$\Phi_{\Delta T} = K_M * \Delta T^n$$

$$\Phi_{\Delta T} = \frac{\Phi_{50}}{50^n} * \Delta T^n$$

To be precise, the directive states that it is necessary to refer to the arithmetic temperature difference (il ΔT definito precedentemente) if as it happens in most cases the relation:

$$\mu = \frac{T_2 - T_a}{T_1 - T_a}$$

It is bigger or equal to 0.7. If the radiator is functioning with low water temperature or big temperature drops, the relations μ is lower than 0.7. In this case, it is necessary to change to the above stated relation the "temperature arithmetic difference" with the "temperature logarithmic difference", defined below:

$$\Delta T = \sqrt[n]{\frac{T_1 - T_2}{\ln \frac{T_1 - T_a}{T_2 - T_a}}}$$

Example

If the nominal thermal output of one radiator stated in the catalogue is: $\Phi = 430[\text{W}] = 369,8[\text{KCal/h}]$

and typical equation defined as: $\Phi = 3,2967 * \Delta T^{1,2451}$

and if we assume to make the radiator functioning at $\Delta T = 60^\circ\text{C}$ we obtain: $\Phi = 3,2967 * 60^{1,2451} = 539,6[\text{W}] \Rightarrow 539,6 * 0,860 = 464[\text{KCal/h}]$

It is possible to state then, that going from $\Delta T=50$ to $\Delta T=60$ the radiator thermal output rise of 25,5%. If we think to make functioning the same radiator according to the below conditions:

$$T_1=55 \text{ } ^\circ\text{C} \quad T_2=35 \text{ } ^\circ\text{C} \quad T_a=20 \text{ } ^\circ\text{C}$$

$$\mu = \frac{35-20}{55-20} = 0,429 < 0,7 \quad \text{et} \quad \Delta T = \left(\frac{T_1 - T_2}{\ln \frac{T_1 - T_a}{T_2 - T_a}} \right) = \left(\frac{55-35}{\ln \frac{55-20}{35-20}} \right) = 23,6 \text{ } ^\circ\text{C}$$

Applying the above procedure, the thermal output ΔT 23,6 $^\circ\text{C}$ it is equal to:

$$\Phi = 3,2967 * 23,6^{1,2451} = 168,8 [\text{W}] \Rightarrow 168,8 * 0,860 = 142,2 [\text{KCal/h}]$$

We remind that in order to have the thermal output express in Kcal/h, it is necessary to multiply the value in Watt x 0.860.

CALCULATION OF THERMAL OUTPUT WITH DELTA T DIFFERENT FROM 50 $^\circ\text{C}$ IN COLUMN LIVING RADIATORS

To calculate the thermal output in Watt (**W**) with Δt different from 50 $^\circ\text{C}$ (Δt_x) you can use the following formula: $W_{\Delta t_x} = W_{\Delta t 50} \cdot (\Delta t_x / \Delta t_{50})^n$

E.g.: to calculate the thermal output in Watt with **Δt 30** for model ROSY Vertical L 560 mm - H 1600 (that develops 1020 Watt with Exp. n 1,2854):

$$W_{\Delta t 30} = 1020 \cdot (30 / 50)^{1,2854} = 529 \text{ Watt}$$

MAXIMUM FLEXIBILITY WITH CORDIVARI RADIATORS

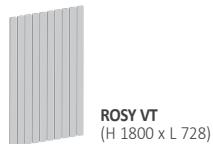
Cordivari radiators range offers many solutions for every need. The following example shows how ROSY Vertical - ROSY TANDEM Vertical - ROSY MAX can satisfy the same need of around 1500 watt thermal output.

T_1 = Temperature of inlet water

T_2 = Temperature of outlet water

T_A = Room temperature

Height [mm]	WIDTH [mm]	Elements n°	ΔT	Output Watt	T_1	T_2	T_A
					50 $^\circ\text{C}$	75 $^\circ\text{C}$	65 $^\circ\text{C}$
1800	728	13	50 $^\circ\text{C}$	1482	75 $^\circ\text{C}$	65 $^\circ\text{C}$	20 $^\circ\text{C}$



Height [mm]	WIDTH [mm]	Elements n°	ΔT	Output Watt	T_1	T_2	T_A
					40 $^\circ\text{C}$	65 $^\circ\text{C}$	55 $^\circ\text{C}$
1800	728	13	40 $^\circ\text{C}$	1591	65 $^\circ\text{C}$	55 $^\circ\text{C}$	20 $^\circ\text{C}$



Height [mm]	WIDTH [mm]	Elements n°	ΔT	Output Watt	T_1	T_2	T_A
					30 $^\circ\text{C}$	55 $^\circ\text{C}$	45 $^\circ\text{C}$
1800	728	13	30 $^\circ\text{C}$	1690	55 $^\circ\text{C}$	45 $^\circ\text{C}$	20 $^\circ\text{C}$



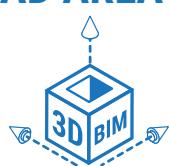
NOTE: Above data are indicative and can vary in accordance to the type of installation, energy source and market practice.



<http://www.cordivari.com/>



DOWNLOAD AREA

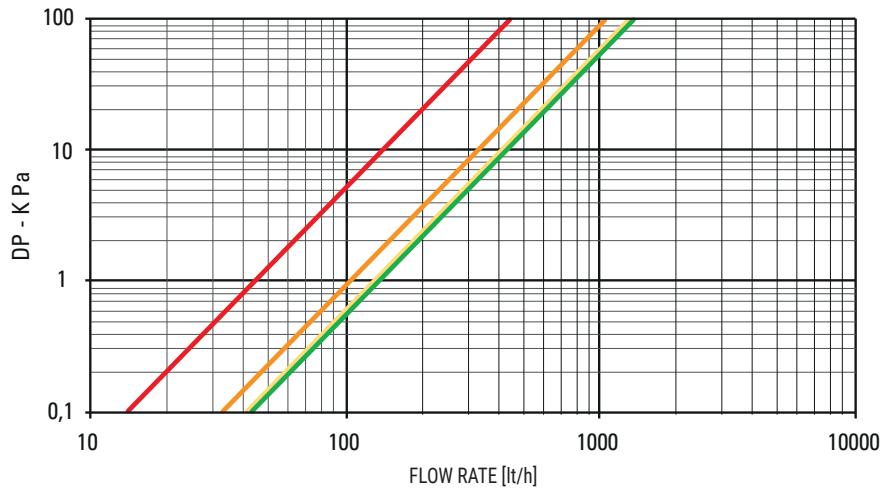


PDF CATALOGUE - 3D MODELS -
TECHNICAL SHEETS

KRISTAL VALVE FLOW RESISTANCE

The following diagrams allow to calculate Cordivari valves flow resistance. The flow resistance is defined as the drop in pressure (express in KPa) that happened inside the valve due to the water (express in l/h) passing by.

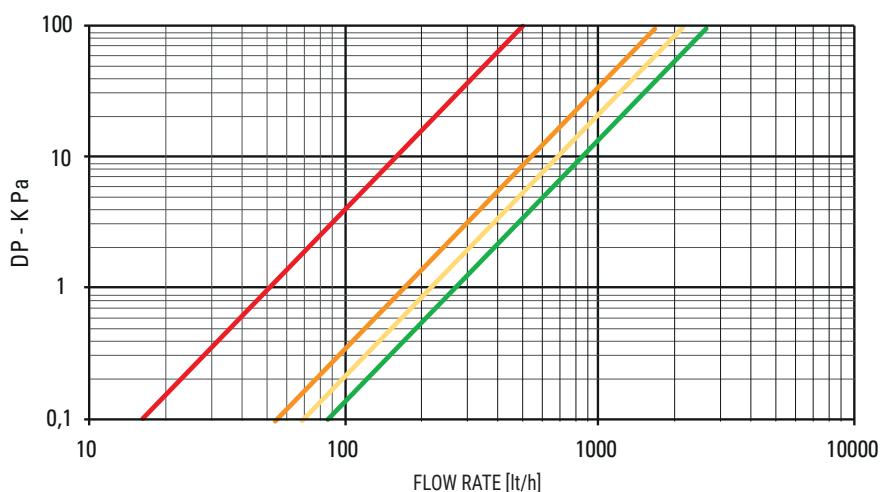
Coefficient Kv, on the below diagrams, states the flow rate in m³/h that is passing by the valve, with a pressure difference of 1 bar.



VALVE KRISTAL STRAIGHT
PIPE CENTRES 50 MM



MANUAL
PIPE CENTRES 50 MM
STRAIGHT



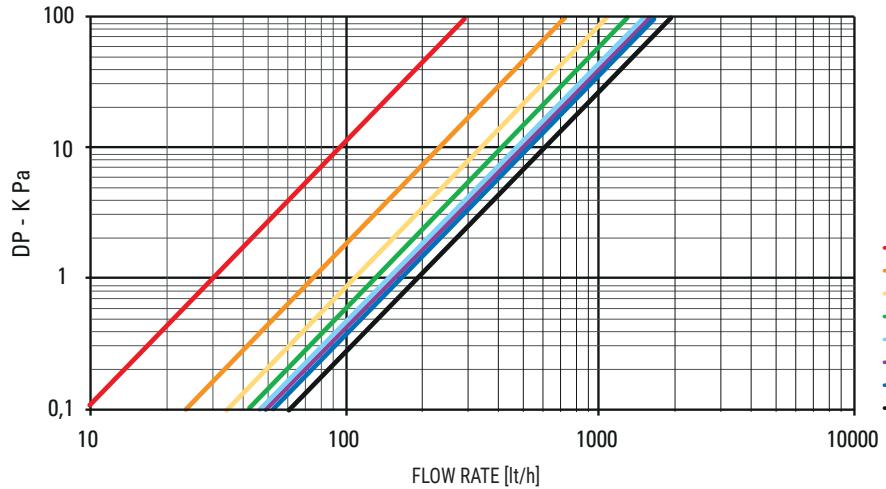
VALVE KRISTAL
MANUAL PIPE CENTRES 50 MM
SQUARE



MANUAL
PIPE CENTRES 50 MM
SQUARE

The different coloured line indicate different opening levels of the thermostatic head.

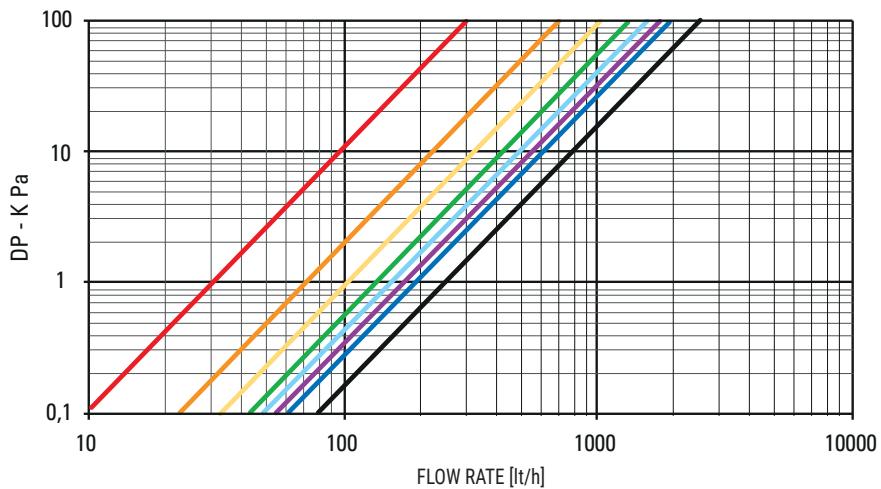
KRISTAL VALVE FLOW RESISTANCE



VALVE KRISTAL
THERMOSTATIC PIPE CENTRES 50 MM
STRAIGHT



MANUAL
PIPE CENTRES 50 MM
STRAIGHT



VALVE KRISTAL THERMOSTATIC PIPE CENTRES 50 MM
SQUARE



THERMOSTATIC PIPE
CENTRES 50 MM
SQUARE

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

ACCESSORIES
AND TECHNICAL
SUPPORT

MY WAY®
SYSTEM

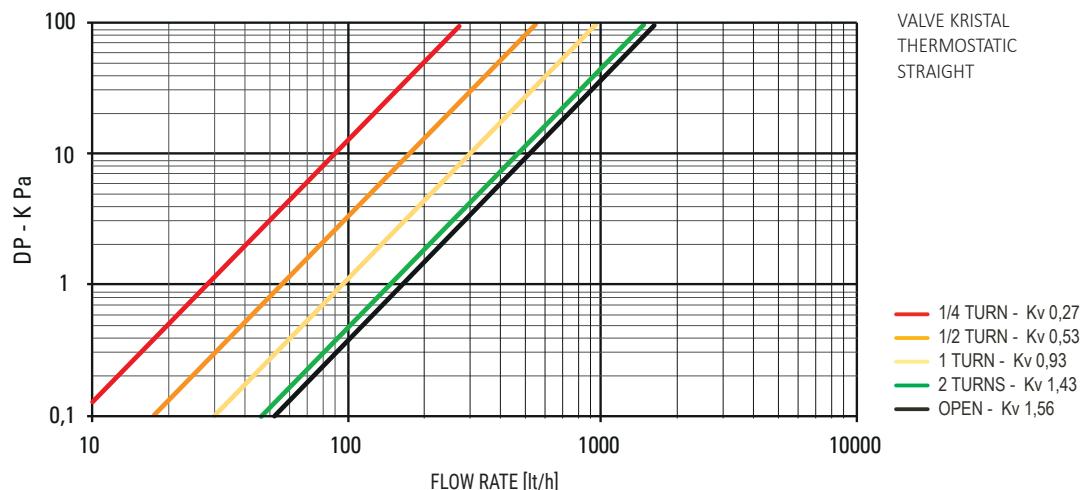
MODELS FOR
REPLACEMENT

The different coloured line indicate different opening levels of the thermostatic head.

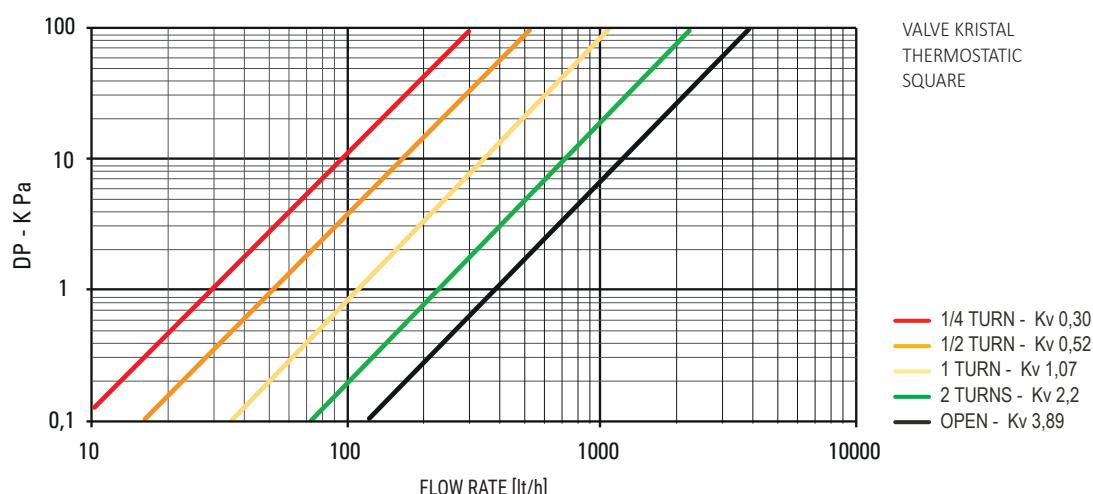
KRISTAL VALVE FLOW RESISTANCE

The following diagrams allow to calculate Cordivari valves flow resistance. The flow resistance is defined as the drop in pressure (express in KPa) that happened inside the valve due to the water (express in l/h) passing by.

Coefficient Kv, on the below diagrams, states the flow rate in m³/h that is passing by the valve, with a pressure difference of 1 bar.



THERMOSTATIC
STRAIGHT

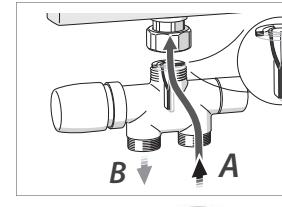
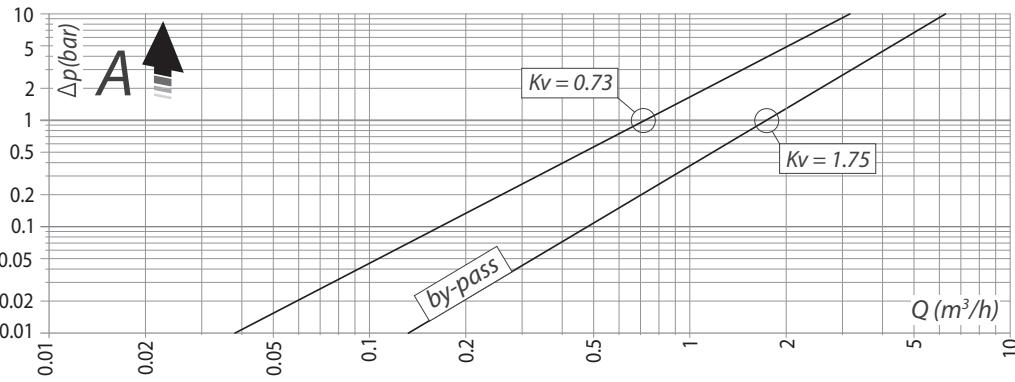


THERMOSTATIC
SQUARE

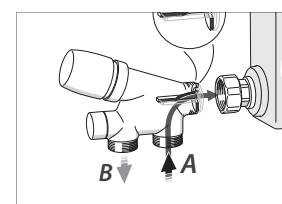
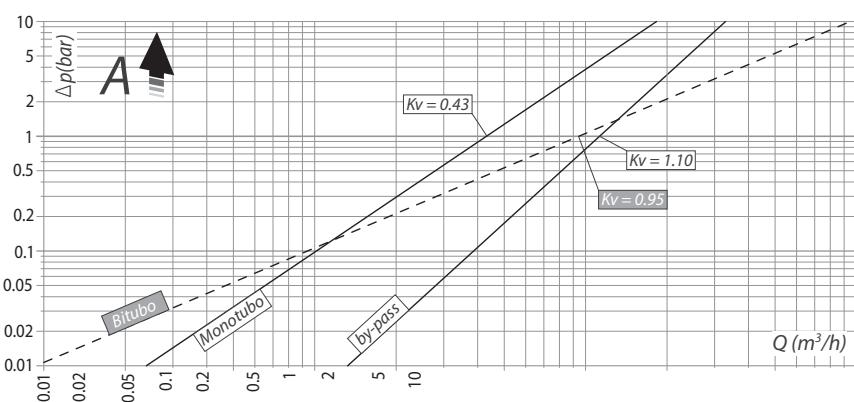
BIDIRECTIONAL VALVE FLOW RESISTANCE

The following diagrams allow to calculate Cordivari valves flow resistance. The flow resistance is defined as the drop in pressure (express in KPa) that happened inside the valve due to the water (express in l/h) passing by.

Coefficient Kv, on the below diagrams, states the flow rate in m³/h that is passing by the valve, with a pressure difference of 1 bar.



VALVE BIDIRECTIONAL UNDERNEATH INLET



VALVE BIDIRECTIONAL LATERAL INLET

PRODUCTS CERTIFICATES

POLITECNICO DI MILANO - DIPARTIMENTO DI ENERGIA
Laboratorio Minerario Ricerche Termodinamica M.R.E.

Laboratorio adatto a analisi di legname (EN 16007) Al Milano delle Indagini Ricerche
Laboratorio adatto a analisi di materiali e struttura (EN 16008) Al Milano delle Indagini Ricerche
Laboratorio adatto a analisi di materiali e struttura (EN 16009) Al Milano delle Indagini Ricerche
Laboratorio adatto a analisi di materiali e struttura (EN 16010) Al Milano delle Indagini Ricerche

RISULTATO DI PROVA / CERTIFICATO ALLA NORMA DI RISMA E METRI DEI RISULTATI DI PROVA
La presente documentazione è uno dei risultati di accertamento EN 16007-1:2011 per la determinazione della potenza termica di un radiatore. Il test è stato eseguito secondo le norme UNI EN 442-1 e UNI EN 442-2.

Per la lettura dei risultati si prega di fare riferimento alle pagine 2-3 del documento. I risultati sono riportati nella tabella seguente. La tabella servita di riferimento per la lettura dei risultati è disponibile con il certificato UNI EN 442-1.

Dato / data / giorno / mese: 16 marzo 2010

Ricercatore / Responsabile / Applicante / Autotestefor / Personale: CORDIVARI S.p.A.

Zona Industriale / Pagine: 64020 - Morro d'Oro (TV) - Italy

Marcia di fabbrica / Appellativo commerciale da costruttore / Manifatturiero / Trademark / Handelsbezeichnung des Herstellers: CORDIVARI

Gamma / Gamma - Type / Modellreihe / Gamma: ANNA Radiatore a colonna, diam. 21-27 mm, altezza 102 mm.

Materiale / Material / Material / Material: Acciaio

Verniciatura / Primer / Painting / Anstrich / Paint: Bianco RAL.

Il Responsabile delle Prove **K.J. Claudio Tardini** **Il Responsabile del Laboratorio** **Prof. Ing. Bruno Marzulli**

Questo documento può essere consultato e stampato su un dispositivo di tipo portatile (ad esempio un smartphone o un tablet). Non è consentito di stampare questo documento su un dispositivo portatile.

Page 1 di 1

Test report from MRT (Politecnico of Milan-Italy)

Determination of thermal output according to the standard EN 442-1 and EN 442-2, relevant characteristic formula, nominal power expressed in Watt a ΔT 50°C.

POLITECNICO DI MILANO - DIPARTIMENTO DI ENERGIA
Laboratorio Minerario Ricerche Termodinamica M.R.E.

Laboratorio adatto a analisi di legname (EN 16007) Al Milano delle Indagini Ricerche
Laboratorio adatto a analisi di materiali e struttura (EN 16008) Al Milano delle Indagini Ricerche
Laboratorio adatto a analisi di materiali e struttura (EN 16009) Al Milano delle Indagini Ricerche
Laboratorio adatto a analisi di materiali e struttura (EN 16010) Al Milano delle Indagini Ricerche

RISULTATO DI PROVA / CERTIFICATO ALLA NORMA DI RISMA E METRI DEI RISULTATI DI PROVA
La presente documentazione è uno dei risultati di accertamento EN 16007-1:2011 per la determinazione della potenza termica di un radiatore. Il test è stato eseguito secondo le norme UNI EN 442-1 e UNI EN 442-2.

Per la lettura dei risultati si prega di fare riferimento alle pagine 2-3 del documento. I risultati sono riportati nella tabella seguente. La tabella servita di riferimento per la lettura dei risultati è disponibile con il certificato UNI EN 442-1.

Dato / data / giorno / mese: 16 marzo 2010

Ricercatore / Responsabile / Applicante / Autotestefor / Personale: CORDIVARI S.p.A.

Zona Industriale / Pagine: 64020 - Morro d'Oro (TV) - Italy

Marcia di fabbrica / Appellativo commerciale da costruttore / Manifatturiero / Trademark / Handelsbezeichnung des Herstellers: CORDIVARI

Gamma / Gamma - Type / Modellreihe / Gamma: ARIANNA Radiatore a colonna termico, 2 filo al nero (27-33 mm).

Materiale / Material / Material / Material: Acciaio

Verniciatura / Primer / Painting / Anstrich / Paint: Bianco RAL.

Equazione caratteristica della potenza termica armonizzata della gamma: Equation harmonized of the power of the radiator according to the characteristic formula of the group:

$$\Phi = K_{\alpha} \cdot A \cdot \Delta T^{1,75} \cdot \frac{1}{1 + \left(\frac{A}{A_0} \right)^2}$$

Valori di prova / Prova di prova: **A = 0,0001** **K_α = 0,00001** **ΔT = 27,0** **ΔT₀ = 50,0**

Dimensione caratteristica / Dimensione caratteristica nominale / Dimensione nominale / Dimensione nominale: **Altezza = 102 mm - Colonna**

Le gomme e i cinturini dei modelli classificati nella tabella sotto riportata:
Le gomme e i cinturini dei modelli indicati nella tabella. Il tipo completo dei modelli indicati in tabella. I modelli specificati nella tabella possono essere utilizzati solo con i tubi per i quali sono indicati.

Il Responsabile delle Prove **P.J. Claudio Tardini** **Il Responsabile del Laboratorio** **Prof. Ing. Bruno Marzulli** **Il Responsabile del Dipartimento** **Prof. Ing. Fulvio Sassi**

Page 1 di 1

Test report from MRT (Politecnico of Milan-Italy)

Determination of thermal output according to the standard EN 442-1 and EN 442-2, relevant characteristic formula, nominal power expressed in Watt a ΔT 50°C.

POLITECNICO DI MILANO - DIPARTIMENTO DI ENERGIA
Laboratorio Minerario Ricerche Termodinamica M.R.E.

Laboratorio adatto a analisi di legname (EN 16007) Al Milano delle Indagini Ricerche
Laboratorio adatto a analisi di materiali e struttura (EN 16008) Al Milano delle Indagini Ricerche
Laboratorio adatto a analisi di materiali e struttura (EN 16009) Al Milano delle Indagini Ricerche
Laboratorio adatto a analisi di materiali e struttura (EN 16010) Al Milano delle Indagini Ricerche

RISULTATO DI PROVA / CERTIFICATO ALLA NORMA DI RISMA E METRI DEI RISULTATI DI PROVA
La presente documentazione è uno dei risultati di accertamento EN 16007-1:2011 per la determinazione della potenza termica di un radiatore. Il test è stato eseguito secondo le norme UNI EN 442-1 e UNI EN 442-2.

Per la lettura dei risultati si prega di fare riferimento alle pagine 2-3 del documento. I risultati sono riportati nella tabella seguente. La tabella servita di riferimento per la lettura dei risultati è disponibile con il certificato UNI EN 442-1.

Massimo potere d'escursione / Maximum working pressure/ Maximal Betriebsdruck/ Massimo pressione di funzionamento: **10 bar**

Pressione di testata / Test of withstand pressure / Druckfestigkeitsprüfung / Pressione di resistenza: **10 bar**

Pressione di prova / Pression d'épreuve / Test pressure / Prüfdruck / Pression de prova / Test pressure: **10 bar**

Tenuta alla pressione / Tenue à la pression / Beharrlichkeit zu pressione / Duració en pressió / Resistenza alla pressione: **OK**

Controllo dimensionale / Controle dimensionnel / Dimensional control / Dimensional control / Dimensional control: **OK**

Conformità all'applicazione delle quote di dimensione / Conformité avec les spécifications de dimension / Einhaltung der Abmessungsangaben / Conformitat cu dimensiunile specificate / Conformità con le misure specificate: **OK**

Conformità alla norma / Conformité avec la norme / Einhaltung der Norm / Conformitate cu norma / Conformità con la norma: **OK**

Controllo dimensionale / Controle dimensionnel / Dimensional control / Dimensional control / Dimensional control: **OK**

Conformità alla norma / Conformité avec la norme / Einhaltung der Norm / Conformitate cu norma / Conformità con la norma: **OK**

Il Responsabile delle Prove **P.J. Claudio Tardini**

Page 1 di 1

Test report from MRT (Politecnico of Milan-Italy)

Determination of working pressure and working temperature according to the standard EN 442-1 and EN 442-2

POLITECNICO DI MILANO - DIPARTIMENTO DI ENERGIA
Laboratorio Minerario Ricerche Termodinamica M.R.E.

Laboratorio adatto a analisi di legname (EN 16007) Al Milano delle Indagini Ricerche
Laboratorio adatto a analisi di materiali e struttura (EN 16008) Al Milano delle Indagini Ricerche
Laboratorio adatto a analisi di materiali e struttura (EN 16009) Al Milano delle Indagini Ricerche
Laboratorio adatto a analisi di materiali e struttura (EN 16010) Al Milano delle Indagini Ricerche

RISULTATO DI PROVA / CERTIFICATO ALLA NORMA DI RISMA E METRI DEI RISULTATI DI PROVA
La presente documentazione è uno dei risultati di accertamento EN 16007-1:2011 per la determinazione della potenza termica di un radiatore. Il test è stato eseguito secondo le norme UNI EN 442-1 e UNI EN 442-2.

Per la lettura dei risultati si prega di fare riferimento alle pagine 2-3 del documento. I risultati sono riportati nella tabella seguente. La tabella servita di riferimento per la lettura dei risultati è disponibile con il certificato UNI EN 442-1.

Nome commerciale **N° colonne** **Altezza elemento**

Ardesia **2-3-4-5-6 colonne** **200-207-210-216-400-406-500-1000-1050-1100-1550-1650-1800-1850-2000-2056-2200-2500**

Destinazione d'uso
Radiatori per l'emissione di calore destinati all'installazione permanente in impianti di riscaldamento di edifici ad uso abitativo, alimentati da sorgente di acqua calda o vapore a temperatura minore di 110°C. (EN 442-1-2 dicembre 2004, EN 442-3 novembre 2004)

Nome del costruttore: Cordinari Srl Zona Industriale-Paglare - 64020 Morro d'Oro (TE)

Sistema di attestazione **Sistema 3.**

Laboratorio di Prova Notificato:
CETIAT - CENTRE TECHNIQUE DES INDUSTRIES ET THERMIQUE ed
POLITECNICO DI MILANO - Dipartimento di Energia (Notified body number: 1695) secondo il Sistema 3. hanno effettuato prove di tipo secondo la Norma armonizzata UNI EN 442-1 e ha riscontrato:

- Determinazione della potenza termica di un corpo scalidante (Rapporto di prova N° 1623 BQ 200-201-202-203-204 del 23/11/2005)
- Determinazione della potenza termica di un corpo scalidante (Rapporto di prova N° ENE/MRT RES. 13029-13030-13031-13032-13033 del 06/09/2013)
- Prove di tenuta a pressione (Rapporto di prova N° 1623 BQ 200 del 23/11/2005)

Caratteristiche essenziali **Prestazione** **Specifica tecnica armonizzata**

Reazione al fuoco	A1	Prestazione termica
		Prestazione termica di qualiasi venaio o trattamento superficiale per verificare che sia inferiore all'1% in massa (Punto 5.7 norma EN 442-1-2004)
Emissione di sostanze pericolose	Le sostanze utilizzate per la verniciatura non rientrano nell'Allegato XIV del Regolamento CE 1907/2006 ne sono riconducibili all'Art. 57 e 59 del medesimo Regolamento.	Punto 4 norma EN 442-1-2004
Pressione massima di esercizio	10 bar	EN 442-1-2004

Alto/Sup. Res. / **Caratteristiche essenziali** **Prestazione** **Specifica tecnica armonizzata**

Durabilità (prova di aderenza)	Grado 0 (GTG)	UNI EN ISO 2409-2007
Durabilità (prova di corrosione)	700 h	UNI EN ISO 9227-2006
		Si rilascia la presente dichiarazione di prestazione sotto la responsabilità esclusiva del fabbricante di cui al punto 4.
		Morro d'oro 06/09/2013
		L' Amministratore unico
		<i>[Signature]</i>
		Data 28/09/2013

Test report from MRT (Politecnico of Milan-Italy)

Determination of thermal output according to the standard EN 442-1 and EN 442-2, relevant characteristic formula, nominal power expressed in Watt a ΔT 50°C.

CORDIVARI **Dichiarazione di prestazione nr° 15-2013** Pagina 1 di 2

DI CUI AGLI ART. 4, 6, 7 E ALLEGATO II DEL REG. (UE) 9-5-2011, N. 305/2011

Codice di identificazione unico del prodotto-tipo:

Radiatore ARDESIA 2-3-4-5-6 colonne

Identificazione del prodotto da costruzione ai sensi dell'articolo 11, paragrafo 4:

Nome commerciale	N° colonne	Altezza elemento
Ardesia	2-3-4-5-6 colonne	200-207-210-216-400-406-500-1000-1050-1100-1550-1650-1800-1850-2000-2056-2200-2500

Tenuta alla pressione (prova di tenuta) **13,0 bar** **Punto 5.2 norma EN 442-1-2004**

Tenuta alla pressione (prova di resistenza alla pressione) **16,9 bar** **Punto 5.3 norma EN 442-1-2004**

Altezza elemento	2 col	3 col	4 col	5 col	6 col
200	16,8	24	30,8	38,4	47,2
207	17,5	24,8	32,0	39,7	48,7
300	25,6	34,7	46,5	55	67,7
350	31,3	43,1	55,4	65,4	77,8
400	33	45,1	59,8	72,4	87,3
406	33,4	45,2	60,5	73,3	88,4
500	40,6	53,1	70,9	87,7	107,7
556	44	50,9	79,3	96,2	115
586	46,1	63,8	83,0	100,7	121,0
600	47,1	65,2	84,7	103	124
620	49,3	67,9	106,4	126,4	152,3
656	51	70,9	111	134	156
676	52,4	72,8	94	114	138
750	57,6	87	125	151	175
756	58	83,6	107,2	130,9	157,1
856	65,1	90,6	108	126	152
876	69,4	95,1	114	134	160
900	68,1	94,6	121	146	176
926	70	97,2	125,9	150,1	180,7
956	72,1	101	127,5	154,4	185,7
1000	74,1	104	131	153	183
1056	79,2	105,9	139,3	164,5	201,9
1200	89,5	123	150	189	225
1300	115	149	187	229	259
1500	123,3	156,7	209,7	251,9	292,5
1800	134	180	227	272	313
1856	138,4	185,5	233,3	273,3	320,0
2000	150	195	245	295	340
2056	154,2	204,3	256,9	306,7	347,2
2200	166	218	274	326	366
2500	191	246	310	367	403

Durabilità (prova di aderenza) **Grado 0 (GTG)** **UNI EN ISO 2409-2007**

Durabilità (prova di corrosione) **700 h** **UNI EN ISO 9227-2006**

Test report from MRT (Politecnico of Milan-Italy)

DOP - DECLARATION OF PERFORMANCE

Declaration of performance according to REG 305/2011

CORDIVARI **Dichiarazione di prestazione nr° 15-2013** Pagina 2 di 2

DI CUI AGLI ART. 4, 6, 7 E ALLEGATO II DEL REG. (UE) 9-5-2011, N. 305/2011

Altezza elemento	2 col	3 col	4 col	5 col	6 col
200	16,8	24	30,8	38,4	47,2
207	17,5	24,8	32,0	39,7	48,7
300	25,6	34,7	46,5	55	67,7
350	31,3	43,1	55,4	65,4	77,8
400	33	45,1	59,8	72,4	87,3
406	33,4	45,2	60,5	73,3	88,4
500	40,6	53,1	70,9	87,7	107,7
556	44	50,9	79,3	96,2	115
586	46,1	63,8	83,0	100,7	121,0
600	47,1	65,2	84,7	103	124
620	49,3	67,9	106,4	126,4	152,3
656	51	70,9	111	134	156
676	52,4	72,8	94	114	138
750	57,6	87	125	151	175
756	58	83,6	107,2	130,9	157,1
856	65,1	90,6	108	126	152
876	69,4	95,1	114	134	160
900	68,1	94,6	121	146	176
926	70	97,2	125,9	150,1	180,7
956	72,1	101	127,5	154,4	185,7
1000	74,1	104	131	153	183
1056	79,2	105,9	139,3	164,5	201,9
1200	89,5	123	150	189	225
1300	115	149	187	229	259
1500	123,3	156,7	209,7	251,9	292,5
1800	134	180	227	272	313
1856	138,4	185,5	233,3	273,3	320,0
2000	150	195	245	295	340
2056	154,2	204,3	256,9	306,7	347,2
2200	166	218	274	326	366
2500	191	246	310	367	403

Durabilità (prova di aderenza) **Grado 0 (GTG)** **UNI EN ISO 2409-2007**

Durabilità (prova di corrosione) **700 h** **UNI EN ISO 9227-2006**

Si rilascia la presente dichiarazione di prestazione sotto la responsabilità esclusiva del fabbricante di cui al punto 4.

Morro d'oro 06/09/2013

L' Amministratore unico

[Signature]

Data 28/09/2013

DOP - DECLARATION OF PERFORMANCE

Declaration of performance according to REG 305/2011

PRODUCTS CERTIFICATES



Test report from MRT (Politecnico of Milan-Italy)

Thermal output, hydraulic pressure test.



Test report from MRT (Politecnico of Milan-Italy)

Thermal output, hydraulic pressure test.



Test report from MRT (Politecnico of Milan-Italy)

Thermal output, hydraulic pressure test.

Painting process certification According to Din 55900-1, -2

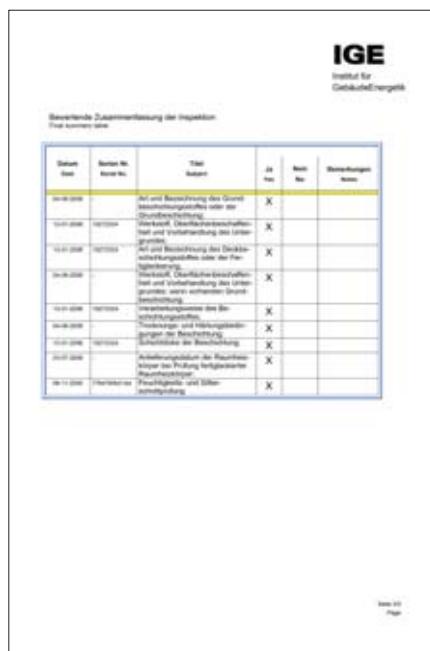


Certificato di conformità

Attestazione del laboratorio HLK (Università di Stoccarda) alla norma DIN 55900-1, 55900-2.



Stuttgart, 2008-09-04
Institut für
GehobeneEnergie
Hohenstauffenstr. 10
70569 Stuttgart
Germany
+49 (0)711 683-4261



Stuttgart, 2008-09-04
Institut für
GehobeneEnergie
Hohenstauffenstr. 10
70569 Stuttgart
Germany
+49 (0)711 683-4261

ARDÉSIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADATORS

MODELS FOR
REPLACEMENT

MY WAY®
SYSTEM

ACCESSORIES
AND TECHNICAL
SUPPORT

PRODUCTS CERTIFICATES



Examples of test conducted in Politecnico of Milan laboratory and CE conformity declaration

 **CETIAT** 

Attestation CE de Type / *CE de Type examination*

Directive Produit de Construction
Construction Product Directive

N° 1623 BQ 183

Le CETIAT, après examen et vérification des rapports d'essais, des certificats et des déclaration fournis par le fabricant, certifie que la gamme de / CETIAT, *after examination and verification of the test reports, certificates and declarations furnished by the manufacturer, certifies that the range of /*

Fabricante par / Manufacturer by :
(Nom societe / Name of company - Adresse de site de production / Address of production site)

CORDARNI S.p.A.
Zona Industriale Paglare
64020 MORRO D'ORO (TE) - ITALIE

Murs commerciaux et familles / Trade walls and panels :

CORDARNI - DORMANA VERTICAL

Désignation et modèles / Description and model :

Tubulaire à éléments verticaux / Sheet / Sectional vertical radiators - Sheet
(tout accessoires pour les modèles de la gamme les autres for the models of the range)

est conforme aux exigences essentielles de la Directive Produit de Construction
(Comply with the essential requirements of the Product of Construction)

Fait à Villeneuve
le 10 Novembre 2002

Responsable du marquage CE
Alain MEYER

Centre Technique des Industries et Matériaux Thermiques
Dernière édition en la forme - 95, avenue Henri IV - BP 2042 - 93002 Villejuif Cedex - France
Tél. +33 (0)1 71 44 40 00 - Fax: 01 71 45 43 00 - www.cetiat.fr - E-mail: contact@cermat.fr

Licenciate - Dernière édition en la forme - Avenue Jeanne d'Arc - BP 1001 Villejuif

Sous TTS 0800 807 00004 - App 7512

CE Declaration of conformity EN 442-1

Test report from MRT (Politecnico di Milano-Italy)
Thermal output, hydraulic pressure test.

Test report from MRT (Politecnico of Milan-Italy)

Test report from MRT (Politecnico di Milano-Italy)

CORDIVARI

Dichiarazione di prestazione nr° 97-2016

DI CUI AI GLI ART. 4, 6, 7 E ALLEGATO III DEL REG. (UE) 530/2011

Pagina 1 di 2

Codice di identificazione unico del prodotto-tipo:

Radiatore Anna

Identificazione del prodotto da costruzione ai sensi dell'articolo 11, paragrafo 4:

Nome commerciale	Larghezza	Altezza
Anna	400-450-500-600	840-1150-1454-1775

Destinazione d'uso

Radiatori per l'emanazione di calore destinati all'installazione permanente in impianti di riscaldamento di edifici ad uso abitativo, alimentati da sorgente remota di acqua calda o vapore a temperatura minore di 110°C (EN 442-1 e dicembre 2004, EN 442-3 novembre 2004)

Nome del costruttore :

Cordivari Srl Zona Industriale-Pagliare -64020 Morro D'Oro (TE)

Sistema di attestazione

Sistema 3.

Laboratorio di Prova Notificato:

Politecnico di Milano – Dipartimento di Energia (Notified body number: 1695)

secondo il sistema 3. ha effettuato prove di tipo secondo la Norma armonizzata UNI EN 442

e ha riscontrato:

Determinazione della potenza termica di un corpo Rapporto di prova ENE/MRT.RAP.16092 del 14/03/2016

- Prove di tenuta a pressione (Rapporto di prova ENE/MRT.RAP.16092/P del 14/03/2016)

Caratteristiche essenziali	Prestazione	Specifica tecnica armonizzata
Reazione al fuoco	A1	Prove sulla parte organica di qualsiasi venaie e trattamento superficiale per verificare che non sia composta da materiali. (Punto 5.1.7 norme EN 442-1/2004)
Emissione di sostanze pericolose	Le sostanze utilizzate per la verniciatura non rientrano nell'Allegato XIV del Regolamento CE 1907/2006 ne sono riconducibili all'Art. 57 e 59 del medesimo Regolamento.	Punto 4 norma EN 442-1/2004

MF02 Dsgn - Rev. 001

Data 28/06/2013

DOP- DECLARATION OF PERFORMANCE

Dichiarazione di prestazione nr° 97-2016		
DI CUI AGLI Art. 4, 6, 7 E ALLEGATO III DEL REG. (UE) 5-3-2011, N. 305/2011		Pagina 2 di 2
Presezione massima di grado	8 bar	EN 442-1:2004
Tenuta alla pressione (prova di tenuta)	10,5 bar	Punto 5.2 norma EN 442-1:2004
Tenuta alla pressione (prova di resistenza alla pressione)	13,52 bar	Punto 5.3 norma EN 442-1:2004
	Dimensioni in mm	Potenza termica in
Potenza termica nominaile	400 X 840	325
	400 X 1160	429
	400 X 1454	534
	400 X 1775	660
	450 X 840	359
	450 X 1160	472
	450 X 1454	586
	450 X 1775	725
	500 X 840	392
	500 X 1160	515
	500 X 1454	639
	500 X 1775	789
	550 X 840	425
	550 X 1160	558
	550 X 1454	691
	550 X 1775	854
600 X 840	458	
600 X 1160	600	
600 X 1454	744	
600 X 1775	919	
750 X 840	537	
750 X 1160	729	
750 X 1454	902	
750 X 1775	1114	
Durabilità (prova di aderenza)	Grado 0 (GT0)	UNI EN ISO 2409:2007
Durabilità (prova di corrosione)	700 h	UNI EN ISO 9227:2006
Si riserva la presente dichiarazione di prestazione sotto la responsabilità esclusiva del fabbricante di cui al punto 4.		
Morro D'oro il 07/03/2016	L' Amministratore unico	<i>Enrico Corradi Srl - Morro D'oro</i>
EN1450 (Cap. 4) - 03		Data 28/06/2013

DOP- DECLARATION OF PERFORMANCE

Determination of thermal output according to the standard EN 442-1 and EN 442-2, relevant characteristic formula, nominal power expressed in Watt at 50°C.

Declaration of performance according to REG 305/2011

Declaration of performance according to REG 305/2011

COMPANY SYSTEM CERTIFICATES



ENVIRONMENT SYSTEM CERTIFICATE UNI EN ISO 14001

Cordivari has always had among its goals:

- Continual improvement of its products
- Minimal environmental impacts
- Achievement of total quality

Cordivari worked out in order to obtain the most important certifications showing the company engagement towards of its internal system and external environment.

CE RADIATORS MARK

CE mark of radiators is the compliance to the minimal security requirements of European Directive of Standard 89/106/CEE and to the relevant EN 442-1-2-3. The CE mark for radiators is compulsory since 01/12/2005.

The main features and tests are:

- Thermal output with relevant heat loss and characteristic formula tested by a certified laboratory as CETIAT, MRT and HLK.
- Conformity to the directive 76/769/CEE regulating the use of dangerous substances during painting process.
- Fire resistance according to EN 13501-1
- Corrosion resistance, endurance in humid atmosphere (min. 100 hours)
- Pressure test

The symbol of CE mark, in conformity to the directive 93/68/CEE, together to other technical information, is applied on the product and on its packaging.



QUALITY SYSTEM CERTIFICATE UNI EN ISO 9001

Main Standards regulating the construction of design radiators

UNI EN 442-1:2015

Radiators and convectors – Part 1 : Technical specifications and requirements

UNI EN 442-2:2015

Radiators and convectors – Part 2: Test and evaluation methods

UNI EN 13501-1:2005

Fire class of products and construction parts.

CPR 305/2011

REGULATION (UE) N. 305/2011 OF THE EUROPEAN PARLIAMENT AND COUNCIL ON MARCH 9TH 2011 which regulates the trade of building products and abrogates Council Directive 89/106/CEE.

76/769/CEE

Directive on use and market of some dangerous substances.

93/68/CEE

CE mark

VDI 6036:2012

Radiators fixing kit conformity certification according to VDI 6036:2012

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

MY WAY®
SYSTEM

ACCESSORIES
AND TECHNICAL
SUPPORT

COLOURS

STANDARD



ON DEMAND
WITHOUT SURCHARGE

RAL 9010 - R01

BIANCO
PURE WHITE

RAL 9016 - R02

BIANCO TRAFFICO
TRAFFIC WHITE

LUCIDI GLOSSY



RAL 9001 - R14

CREMA
CREAM

S20

JASMINE

S03

PERGAMON

S16

CANARY

RAL 1013 - R40

PEARL WHITE

S10

ANEMONE



RAL 1021 - R05

GIALLO ACCESO
YELLOW RAPE

RAL 1004 - R06

GIALLO ORO
GOLD

H04

GHIACCIO
ICE

H42

GROTTA AZZURRA
BLUE GROTTO

H09

LAGO
LAKE

RAL 5015 - R11

BLU CIELO
BLUE SKY



RAL 5017 - R18

BLU OLTREMARE
OVERSEAS BLUE

RAL 5022 - R19

BLU NOTTE
BLUE NIGHT

RAL 9005 - R13

NERO
JET BLACK

H24

MANGO

H25

MANDARINO
TANGERINE

RAL 2004 - R16

ARANCIO
PURE ORANGE



H27

Rosso Vivo
BRIGHT RED

RAL 3003 - R08

Rosso Rubino
RUBY RED

RAL 4008 - R25

VIOLA
PURPLE

H53

LILLA ACCESO
BRIGHT LILAC

H55

PINK PANTHER

S13

ROSA SÜSSURATO
LIGHT PINK



RAL 6019 - R26

WEISSGRÜN
LIGHT GREEN

H30

MELA VERDE
GREEN APPLE

RAL 6002 - R20

VERDE FOGLIA
GREEN LEAF

RAL 8017 - R09

TESTA DI MORO
DARK BROWN

S17

BAHAMA BEIGE

H48

TORTORA
DOVE



H56

PIETRA LAVICA
LAVIC STONE

S07

GRAFITE
GRAPHITE

RAL 7030 - R22

GRIGIO PIETRA
STONE GREY

S02

MANHATTAN

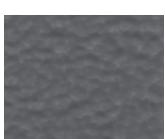
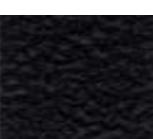
RAL 7001 - R21

GRIGIO ARGENTO
SILVER GREY

R27

GRIGIO METALLIZZATO
METAL GREY

WAVY



W01

NOTTURNO

W02

CARBONE
CARBON

W03

DOLOMITE

W05

FIOCCO NEVE
SNOWFLAKE

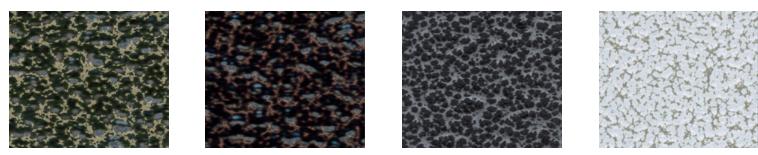
R31

IVORY

OPACHI MATT



MELANGE



SPECIAL FINISHING



ARDESIA® SHINY TRANSPARENT

On request exclusively on tubular radiator Ardesia® you can have the new transparent SHINY TRANSPARENT finish. A finish that will enhance the modern environments extolling the technical and constructive characteristics of tubular radiator Ardesia®..

LUCIDI/GLOSSY
OPACHI/MATT
SPECIAL FINISHING
MELANGE
WAVY
ARDESIA®
SHINY TRANSPARENT

+30%

ACCESSORIES
AND TECHNICAL
SUPPORT

+40%

PLEASE REFER TO CORDIVARI COLOURS CHART, IN ORDER TO SEE THE REAL COLOUR.

GENERAL SALES CONDITIONS AND WARRANTY

CONDIZIONI DI VENDITA E GARANZIA

Sales of Cordivari's products are made according to the conditions listed below. Exceptions should be accorded in written by Cordivari Srl.

1. SHIPMENT

Goods are transported at buyer's risk and peril, even if they are shipped free of carriage. Goods have to be checked at the delivery about unaltered packaging, missing or confused products in the presence of the forwarder. Any claim has to be immediately communicated to the forwarder by appointing the shipment's document and by registered mail within 8 days from receipt of the goods (otherwise Cordivari Srl is cleared of his responsibilities).

2. DELIVERY TERMS

Delivery terms are indicative. Failure to comply with the agreed delivery terms for any reasons will not entitle the buyer to any compensation, cancellation or modification of the order without our prior consent. In case of strikes, lack in raw materials, or any other Act of God, Cordivari Srl reserves the right to decide proper countermeasures; in this case Cordivari Srl should be considered exempted from any responsibility. Shall ordered goods not be collected within agreed date, the same will be invoiced and stored with risks and costs charged to the customer.

3. DRY WEIGHT, MEASURES, SURFACES

Dry Weights, measures, surfaces, shapes, sizes, images and other figures related to the products are merely indicative and Cordivari Srl may at any time modify them.

4. ORDER CANCELLATION OR MODIFICATION

All orders are valid only if accepted in written form by Cordivari Srl.
No orders shall be cancelled even partially without the consent of Cordivari Srl. It will not be possible to modify the order when the production has already started. Some cost due to the modifications or cancellation will be charge to the buyer.

5. RADIATORS/ACCESSORIES WARRANTY ON CONSTRUCTION DEFECTS

For Ardesia® tubular radiators and Claudia towel rail (hot water version) Cordivari Srl offers 5 years warranty. The Ardesia® range in the finishing F28 TRANSPARENT SHINY warranty period is 2 years.

- For towel rails and single column living radiators Cordivari Srl offers warranty terms and period according to the national law following the directive for warranties 1999/44/CE, only if radiators are installed in closed heating system.
- For towel rails and single column living radiators line in stainless steel Cordivari Srl offers 10 years warranty, only if radiators are installed in closed heating system.
- All electric radiators (stainless steel and mild steel) Cordivari Srl offers warranty terms and period according to the national law following the directive for warranties 1999/44/CE.
- For accessories, customized products according to clients' requirements and other items not listed in present sales and warranty conditions, Cordivari Srl offers warranty terms and period according to the national law following the directive for warranties 1999/44/CE, except for electrical and electronic components for which the warranty is 12 months.
- All the products in this catalogue are designed and made according to European Directives CE, EN, UNI, etc. Warranty and conformity of these products are valid only in countries that apply such regulations. For Extra UE countries, or that do not follow these regulations, Cordivari Srl is not responsible for warranty and conformity.

WARRANTY WILL BE APPLICABLE AT THE FOLLOWING CONDITIONS:

- The warranty period starts with the date of the delivery of the material by Cordivari and this warranty is invalidated if the code of the radiator with the date is removed or modified.
- Warranty is only valid if Cordivari S.r.l. is notified by registered mail about the fault within 8 days since delivery.

• Warranty will take effect after having examined the defects and their causes in the Cordivari plant.

• The materials that have to be replaced or repaired must be shipped free of charge to the Cordivari plant.

Warranty will be applicable at the following conditions:

- materials must have been stored in good conditions and protected from the inclemency of the weather before installation;
- radiator did not have damages during transport, handling or installation;
- no alterations or reparations must be done without the prior consent of the seller;
- the buyer must have paid all the bills with the pre-established deadlines;
- if for cleaning none of those aggressive, corrosive, substances not suitable for radiators material have been used;
- the installation must have been done by professionals and in conformity with all instructions and standards written on the technical data sheets provided by Cordivari S.r.l.;
- no periodical emptying or charging of the system must have taken place;
- no aggressive chemical substances must have been added to the water of the system
- the working pressure and temperature shown in the catalogue must correspond to the current usage pressure and temperature;
- the caps and Accessories used must be original Cordivari materials;
- radiator has not been connected to a system with open expansion tank;
- the radiators must not have been connected to the sanitary water system;

The warranty doesn't cover construction or dismantling costs to move the product from/to the installation place.

In case of using antifreeze, it should never be used pure, but it has to be diluted before including in the heating system.

When you use anti-corrosion, it has to be compatible with all the material composing the heating elements of the radiator.

In case of preinstalled Cordivari's caps, each alteration of those caps will void the warranty of the product. Cordivari will not assume responsibilities for radiator assembled by other people and/or even for caps which are not by Cordivari. Cordivari's warranty immediately cease in case of reparations or modifications on products without the previous agreement of Cordivari.

Heating system should be without any remaining of metals, calamine, grease, and without presence of gas. Before starting the heating system, make a rinse to cancel any residual from the installation/working.

Warranty will not be valid in case of damages caused by electrical system.

The purchaser may not claim any other cost of direct or indirect damage to person or properties resulting from above confirmed defects.

6. PAYMENTS

All invoices have to be paid according to the agreed deadline. Any delay, even partial may suspend the planned deliveries. Overdue interest could be charged at current rates.

7. GOODS' PROPERTY

Cordivari Srl remains owner of the delivered goods until they are not completely paid. In case of failure to proceed to the payment, Cordivari Srl could ask for immediate restitution of goods and keep the paid partial amount as indemnity. Cordivari Srl can reserve the right to evaluate bigger damages caused by the outstanding amount.

8. PRICES

Prices are not binding and can be modified without communication and can be modified on basis of the modifications which could appear before and during delivery. Prices are intended on FCA-MORRO D'ORO (Incoterm 2010 basis), except in case of written agreements. For some voluminous delivery Cordivari may charge some extra-costs. All prices indicated are V.A.T. excluded.

9. ORDERS/DELIVERY

The Order value is minimum Euro 2.000,00. Given orders are binding to the buyer, who acknowledges of all our sales conditions.

Delivery is considered to customer main place/warehouse; for any different destination please get in touch with our sales dept.

10. COURT AUTHORITY

For the following Catalogue and conditions only the provisions of Italian law will be used. For controversy, the Court of Teramo (Italy) shall have exclusive competence. Essential and trial law shall be exclusively Italian.

11. ORIGINAL VERSION

Being a translation, the Italian language is the only valid language for interpretation and conditions of this catalogue version.

© Copyright Cordivari S.r.l.

All right such as reproduction, diffusion and translation are reserved. No part of this brochure can be reprinted or reproduced to any other form without a written authorization by Cordivari Srl. The present catalogue substitutes and invalidates all previous editions. Cordivari reserves the right to modify in every moment products and figures reported in the catalogue and has no responsibility for any press mistake.

La vendita dei prodotti viene effettuata conformemente alle sotto elencate Condizioni Generali di Vendita e Garanzia. Ogni deroga è subordinata all'accettazione scritta da parte dalla Cordivari Srl.

1. SPEDIZIONE

La merce viaggia a rischio e pericolo del Committente, anche se viene spedita franco destino. La merce deve essere verificata all'atto della consegna, controllando l'integrità dell'imballaggio, articoli mancanti o sostituzioni in presenza del trasportatore. Ogni contestazione dovrà essere segnalata immediatamente al trasportatore/corriere firmando con riserva il DDT e confermando tale riserva a mezzo lettera raccomandata o posta certificata entro otto giorni dal ricevimento della merce.

2. TERMINI DI CONSEGNA

I termini di consegna si intendono approssimativi e comunque se il termine di consegna non potesse essere rispettato per qualsiasi motivo, il Committente non avrà diritto a esigere alcun indennizzo, pagamenti di penali, annullamento o modifica all'ordine conferito. In caso di eventi straordinari quali calamità naturali, scioperi, mancanza di materie prime, e cause di forza maggiore, la Cordivari Srl si riserva la scelta delle misure da adottare.

Se la merce ordinata non viene ritirata nel periodo concordato, questa verrà fatturata e immagazzinata con costi, rischi e pericolo a carico del committente.

3. PESI, MISURE, SUPERFICI

Pesi, misure, superfici, forme, dimensioni, immagini e altri dati sono indicativi e non impegnativi e possono subire delle modifiche o variazioni che la Cordivari Srl si riserva di apportare ai suoi prodotti senza preavviso.

4. ANNULLAMENTO O MODIFICA ORDINE

Senza il consenso scritto della Cordivari Srl, le ordinazioni conferite non possono essere né parzialmente né totalmente annullate o modificate. Non si accordano variazioni o modifiche quando sia già stata intrapresa la lavorazione. Eventuali spese derivanti dall'annullamento o modifica dell'ordine saranno fatturate al Committente.

5. GARANZIA RADIATORI/ACCESSORI

Per i radiatori tubolari della linea Ardesia® (nella versione acqua calda) e per il modello Claudia (nella versione acqua calda), la Cordivari Srl stabilisce la garanzia per un periodo di 5 anni. Per i radiatori tubolari della linea Ardesia® con finitura F28 Transparent Shiny, la garanzia è di anni 2.

• Per i radiatori Scaldasabbiette e i monocolonna arredo living la Cordivari Srl stabilisce la garanzia nei termini e per il periodo di tempo stabilito dalla legge nazionale di recepimento della Direttiva Garanzie 1999/44/CE.

• Per i radiatori Scaldasabbiette e i monocolonna arredo living, in acciaio inox la Cordivari Srl stabilisce la garanzia per un periodo di 10 anni.

• Per i radiatori a funzionamento elettrico, la Cordivari Srl stabilisce la garanzia nei termini e per il periodo di tempo stabilito dalla legge nazionale di recepimento della Direttiva Garanzie 1999/44/CE.

• Per tutti gli accessori, i prodotti speciali realizzati e progettati nel committente e tutti gli articoli residuali non contemplati nelle condizioni di vendita la Cordivari Srl garantisce nei termini e per il periodo di tempo stabilito dalla legge nazionale di recepimento della Direttiva Garanzie 1999/44/CE, ad eccezione di componenti elettrici ed elettronici, dove la garanzia è di 12 mesi.

• Per questo catalogo sono realizzati e progettati in conformità alle direttive europee di riferimento CE, EN, UNI, ecc... La garanzia e la conformità di detti prodotti hanno validità esclusivamente in quei paesi dove tali norme sono riconosciute e recepite. In paesi extra europei o comunque che non recepiscono tali norme la Cordivari Srl non assume responsabilità per garanzie e conformità.

LA GARANZIA È SOTTOPOSTA ALLE SEGUENTI CONDIZIONI:

• La garanzia decote dalla data di consegna da parte della Cordivari e decade se viene manomessa e/o rimossa l'indicazione del lotto di produzione.

• I prodotti diventati inutilizzabili per difetti di costruzione saranno riparati o sostituiti gratuitamente franco Vs. destinazione.

• La condizione essenziale affinché la garanzia sia valida è che i difetti riscontrati siano notificati entro 8 (otto) giorni dal ricevimento della merce, per iscritto tramite raccomandata A/R o posta certificata.

• La garanzia sarà operante previo esame dei difetti e delle loro cause presso la sede della Cordivari Srl.

• Il materiale da sostituire o riparare dovrà essere consegnato franco magazzino presso la Cordivari Srl.

L'IMPEGNO DI PRESTARE LA GARANZIA SUSSISTE A CONDIZIONE CHE:

• Il materiale sia stato immagazzinato in buone condizioni e al riparo dalle intemperie prima di essere installato;

• Il radiatore non abbia subito danneggiamenti durante il trasporto, le movimentazioni o l'installazione;

• Non siano state effettuate manomissioni o riparazioni dei prodotti senza l'autorizzazione della Cordivari Srl;

• Il compratore abbia effettuato il saldo dei pagamenti nei termini prestabiliti;

• L'installazione sia stata realizzata da personale qualificato e in conformità alle istruzioni e alle norme indicate sulla documentazione tecnica fornita dalla Cordivari Srl;

• Per la pulizia del radiatore non siano stati utilizzati detergenti aggressivi, abrasivi incompatibile con il materiale del corpo scaldfante;

• Non siano stati effettuati svuotamenti o caricamenti periodici dell'impianto;

• Non siano state effettuate aggiunte di sostanze chimiche aggressive all'acqua dell'impianto, e siano stati rispettati i valori guida secondo la normativa UNI 8065 con opportuni trattamenti dell'acqua;

• La pressione e la temperatura di esercizio indicate sul catalogo corrispondano alla pressione e alla temperatura massima di esercizio;

• Il circuito sia esente da residui di metallo, calamina, grasso e non ci sia presenza di gas. Prima della messa in funzione dell'impianto, eseguire un lavaggio per eliminare residui di lavorazione meccanica e/o residui in fase d'installazione;

• I tappi e gli accessori utilizzati siano quelli regolarmente forniti dalla Cordivari srl;

• I radiatori non siano stati collegati all'impianto dell'acqua calda sanitaria.

• I radiatori non siano collegati ad impianti con vaso di espansione aperto.

Nel caso in cui si utilizzi l'antigelio, esso non dovrà mai essere utilizzato puro, ma diluito prima di essere introdotto nel circuito.

Nel caso in cui si utilizzi un inibitore di corrosione, esso dovrà essere compatibile con tutti i materiali presenti nei corpi scaldfanti.

In caso di prodotti con tappi premontati dalla Cordivari Srl, qualsiasi manomissione degli stessi, porterà fuori garanzia il prodotto. La Cordivari Srl non si assumerà comunque responsabilità su batterie assemblate da terzi, e/o con tappi e riduzioni assemblati da terzi. Qualora il Cliente esegua modifiche o variazioni di sua iniziativa sui materiali in contestazione senza il nostro preventivo benestare, decade immediatamente ogni responsabilità della Cordivari Srl.

La garanzia inoltre non opera in caso di anomalie o guasti dipendenti dalla rete d'alimentazione elettrica.

La garanzia non copre costi dovuti a demolizioni, opere murarie, lavori per il passaggio e la collocazione dei prodotti sia in ingresso che a uscita e la manodopera per eventuali sostituzioni di prodotto.

Cordivari Srl si impegna durante il periodo di garanzia alla sostituzione del prodotto reso e riconosciuto difettoso per accertati difetti di produzione, oltre a ciò il Committente non potrà vantare alcun altro risarcimento per spese di danno, dirette o indirette di qualsiasi natura a persone e/o a cose derivanti dai detti difetti.

6. PAGAMENTI

I pagamenti delle fatture relative alle forniture dovranno essere effettuati entro i termini di scadenza stabiliti. Il ritardo nel pagamento delle fatture, anche se parziale, dà luogo alla decorrenza degli interessi di mora nella misura del tasso corrente, oltre alla sospensione immediata delle spedizioni in corso e del processamento di eventuali ordini.

7. RISERVA DI PROPRIETÀ

I prodotti restano di proprietà della Cordivari Srl fino al pagamento dell'ultima rata di prezzo di merce consegnata. In caso di inadempimento anche parziale del compratore la Cordivari Srl potrà chiedere l'immediata restituzione della merce trattenendo comunque le rate pagate a titolo di indennità salvo il maggior danno.

8. PREZZI

I prezzi non sono impegnativi e possono essere modificati senza preavviso. I prezzi sono revisionabili in funzione delle variazioni che dovesse intervenire fino al momento della consegna. I prezzi si intendono resa franco stabilimento di Morro d'Oro (TE) (FCA - MORRO D'ORO INCONTERMS 2010), salvo diversi accordi. I prezzi sono sempre riportati nel listino, al netto di IVA. Per modelli ingombrianti la Cordivari srl si riserva di chiedere una partecipazione alle spese di imballaggio. Tutti i prezzi sono esclusi IVA.

9. ORDINI/CONSEGNA

Il valore minimo per ordine è di Euro 2.000. Gli ordini impariti impegnano definitivamente il Committente che deve dichiarare di conoscere e accettare tutte le condizioni di vendita. La consegna si intende esclusivamente presso la sede/magazzino del Committente. Richieste particolari del Committente come: consegna espresso, consegna diversa dalla sede/magazzino, etc. avranno costi addizionali che verranno comunicati di volta in volta dal nostro ufficio commerciale.

10. FORO COMPETENTE

Per qualsiasi controversia derivante dal presente contratto o collegato allo stesso è competente il Foro di Teramo. La legge applicabile (sostanziale e procedurale) è quella italiana.

11. VERSIONE ORIGINALE

La versione originale e legalmente valida delle presenti condizioni di vendita e garanzia è la versione in lingua italiana.

© Copyright Cordivari Srl.
Tutti i diritti, in particolare quelli di riproduzione, diffusione e traduzione sono riservati.
Nessuna parte di questa opera può essere ristampata o riprodotta in qualsiasi altra forma senza l'autorizzazione scritta della Cordivari. Il presente catalogo sostituisce ed annulla tutte le edizioni precedenti. La società si riserva la facoltà di modificare in qualsiasi momento i prodotti e i dati riportati a catalogo e non risponde degli eventuali errori tipografici.

ALPHABETICAL INDEX

MODEL			MODEL		
Alessandra Electric polished stainless steel	137	356	Karin VX horizontal	182	432
NEW Alessandra polished stainless steel	136	398	Karin VX Tandem horizontal	188	436
Alessandra satin stainless steel	138	398	Karin VX Tandem vertical	184	434
Alice 18 horizontal	192	440	Karin VX Tandem vertical	186	494
Alice 18 Tandem horizontal	198	444	Karin VX vertical	180	430
Alice 18 Tandem vertical	194	442	Katia VX	88	318
Alice 18 Tandem vertical	196	496	NEW Katia VX Plus	90	320
Alice 18 vertical	190	438	Katia VX Wide	92	322
NEW Alice 22 horizontal	202	448	Keira Tandem vertical	176	428
NEW Alice 22 Tandem horizontal	208	452	Keira Tandem vertical	178	492
NEW Alice 22 Tandem vertical	204	450	Keira vertical	174	426
NEW Alice 22 Tandem vertical	206	498	Keira vertical	174	490
NEW Alice 22 vertical	200	446	Kelly Flat	94	324
Anna	44	286	Kelly Flat Blower	98	372
Ardesia®	12	246	NEW Kelly Flat Blower Dual Energy	100	376
Ardesia® Angled	25	271	Kelly Flat Electric	96	344
Ardesia® Curved	24	271	NEW Kora	106	330
NEW Ardesia® Electric	22	332	Laura Electric polished stainless steel	142	358
Ardesia® Hygienic	26	270	Laura polished stainless steel	140	400
Ardesia® Bench	25	268	Leila Electric polished stainless steel	130	352
Ardesia® for replacement	13	476	Leila polished stainless steel	128	392
Arianna	210	454	Lucy 18	50	292
Arianna	212	500	Lucy 18 Electric	56	336
Brigitte	64	304	Lucy 18 Plus	52	294
Claudia®	32	276	Lucy 18 Wide	54	296
NEW Claudia® Square	38	284	NEW Lucy 25	58	298
Claudia® Wide	34	280	NEW Lucy 25 Chromed	62	302
Claudia® Blower	42	360	NEW Lucy 25 PPlus	60	300
NEW Claudia® Blower Dual Energy	43	362	My Head	236	506
NEW Claudia® Curved	36	282	My Way® system	236	502
Claudia® Electric	40	334	Naike	48	290
Claudia® Elite	30	274	Nancy polished stainless steel	120	386
Doriania horizontal	218	458	Nancy satin stainless steel	122	338
Doriania vertical	216	456	Nausica	46	288
Dory	82	316	Rosy Max	166	420
Dory Blower	86	368	Rosy Max	168	488
NEW Dory Blower Dual Energy	87	370	Rosy Mirror	172	424
Dory Electric	84	342	Rosy horizontal	158	414
Elen 18 Electric polished stainless steel	116	348	Rosy Picture	170	422
Elen 18 polished stainless steel	110	378	Rosy Tandem horizontal	164	418
Elen 18 satin stainless steel	112	380	Rosy Tandem vertical	160	416
Elen 18 Wide polished stainless steel	114	382	Rosy Tandem vertical	162	486
NEW Elen 22 polished stainless steel	118	384	Rosy vertical	156	412
Elsa polished stainless steel	152	410	NEW Samira	102	326
Giada polished stainless steel horizontal	146	404	NEW Samira Wide	104	328
Giada polished stainless steel vertical	144	402	Sandy Electric polished stainless steel	126	350
Giada satin stainless steel horizontal	150	408	Sandy polished stainless steel	124	390
Giada satin stainless steel vertical	148	406	NEW Sofi® HC horizontal	230	468
NEW Gloria 18	66	306	Sofi® vertical	232	472
Gloria 22	68	308	Stefania Electric polished stainless steel	132	354
NEW Gloria 22 Blower	80	364	Stefania polished stainless steel	133	394
NEW Gloria 22 Blower Dual Energy	81	366	Stefania satin stainless steel	134	396
Gloria 22 Chromed	72	312	NEW Tamara horizontal	222	462
Gloria 22 Electric	74	338	NEW Tamara Tandem horizontal	226	466
Gloria 22 Electric chromed	76	340	NEW Tamara Tandem vertical	224	464
NEW Gloria 22 Plus	70	310	NEW Tamara vertical	220	460
Gloria 22 Wide	78	314			

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORSVENTILATED
RADIATORSMY WAY®
SYSTEMMODELS FOR
REPLACEMENTACCESSORIES
AND TECHNICAL
SUPPORT

CORDIVARI SRL

Z. I. Pagliare 64020 Morro D'Oro (TE) • Italy
C.F. / P.Iva e Reg. Imp. TE 00735570673
Capitale Sociale Euro 4.000.000,00 i.v
Tel: +39 085 80.40.714 | Fax: +39 085 80.41.273
export@cordivari.it | www.cordivari.com
UNI EN ISO 9001 | UNI EN ISO 14001