



ARDESIA®

3 COLUMNS

WARRANTY
5 YEARS

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

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.

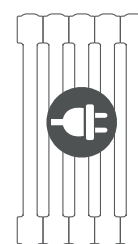
PAINTING PROCESS:

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

COLOURS:

Standard white RAL 9010 - R01. For other colours see Colour chart chapter.

CERTIFICATIONS



ELECTRIC VERSION AVAILABLE.
SEE ELECTRIC RADIATORS CHAPTER

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

R01..... colour R01-White

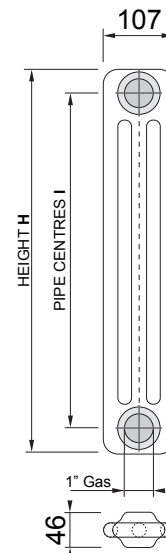
A..... (Constant value)

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 I [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

| 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 | 74 | 104 | 135 | 166 | 196 | 240 | 284 | 313 | 371 | 456 | 541 | 597 | 653 | 738 |
| 4 | | | | | | | | | | | | | | | |
| 184 mm | W | 99 | 139 | 180 | 221 | 261 | 320 | 378 | 417 | 494 | 608 | 721 | 796 | 871 | 984 |
| 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 Accessories chapter

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