

FERROLI STEEL PANEL RADIATORS

- 5 different types
- 6 different heights
- 21 different lengths
- High performance
- Durability



FEATURES



- 5 different types: Type 11, Type 20, Type 21, Type 22, Type 33.
- 6 different heights: 300, 400, 500, 600, 700, 900 mm.
- 21 different lengths between 400 - 3000 mm.
- 4 or 6 connections models total range of 1260 available choices radiators are subjected to surface special treatment to assure a perfect coating and resistance to corrosion.
- Afterwards, radiators are carefully coated with primer paint and RAL 9010 white epoxy polyester powder paint.
- Convectors are directly welded on the wet ducts of the radiator to minimize the thermal losses and get maximum performance.
- Optionally equipped with compact plug or insert regulation valve.
- Maximum working pressure: 10 bars.
- Each radiator is tested at 13 bar pressure.
- Protected against damages during shipping and storage by strong packaging system.
- Easy-to-clean thanks to removable top grills and side covers.
- Ferrol Steel Panel radiators are produced according to EN 442 standard.

STEEL RADIATORS EQUIPPED WITH COMPACT PLUG/VALVE

Bottom connections radiators equipped with compact plugs/valves allow connections from below. Radiators with insert valves, besides providing efficient and economic heating, keep the connection pipes invisible and thus, are highly aesthetic.



DIMENSIONS



| Panel Types 11-20-21-22-33 | |
|-------------------------------|------|
| H | I Sq |
| 300 | 142 |
| 400 | 192 |
| 500 | 250 |
| 600 | 347 |
| 700 | 451 |
| 900 | 647 |

| L (mm) | WALL HANGERS QTY | Type 11 (PK) | | | Type 20 (PP) - Type 21 (PKP) Type 22 (PKKP) - Type 33 (PKKPKP) | | |
|--------|------------------|--------------|--------|--------|---|--------|--------|
| | | A (mm) | B (mm) | C (mm) | A (mm) | B (mm) | C (mm) |
| 400 | 4 | 83.5 | 233 | - | 83.5 | 233 | - |
| 500 | 4 | 150 | 200 | - | 116.5 | 267 | - |
| 600 | 4 | 150 | 300 | - | 116.5 | 367 | - |
| 700 | 4 | 150 | 400 | - | 116.5 | 467 | - |
| 800 | 4 | 150 | 500 | - | 116.5 | 567 | - |
| 900 | 4 | 150 | 600 | - | 116.5 | 667 | - |
| 1000 | 4 | 150 | 700 | - | 116.5 | 767 | - |
| 1100 | 4 | 150 | 800 | - | 116.5 | 867 | - |
| 1200 | 4 | 150 | 900 | - | 116.5 | 967 | - |
| 1300 | 4 | 150 | 1000 | - | 116.5 | 1067 | - |
| 1400 | 4 | 150 | 1100 | - | 116.5 | 1167 | - |
| 1500 | 4 | 150 | 1200 | - | 116.5 | 1267 | - |
| 1600 | 6 | 150 | - | 650 | 116.5 | - | 683.5 |
| 1800 | 6 | 150 | - | 750 | 116.5 | - | 783.5 |
| 2000 | 6 | 150 | - | 850 | 116.5 | - | 883.5 |
| 2200 | 6 | 150 | - | 950 | 116.5 | - | 983.5 |
| 2300 | 6 | 150 | - | 1000 | 116.5 | - | 1033.5 |
| 2400 | 6 | 150 | - | 1050 | 116.5 | - | 1084 |
| 2600 | 6 | 150 | - | 1150 | 116.5 | - | 1183.5 |
| 2800 | 6 | 150 | - | 1250 | 116.5 | - | 1283.5 |
| 3000 | 6 | 150 | - | 1350 | 116.5 | - | 1383.5 |

As part of its efforts to constantly improve its range of products, with the aim of increasing the level of customer satisfaction, Ferrol informs that the appearance, dimensions, technical data and accessories may be subject to variation.

RADIATOR TYPES



| | Unit | Type 11 | Type 20 | Type 21 | Type 22 | Type 33 |
|---|------|---------|---------|---------|---------|---------|
| A | | | | | | |
| Radiator thickness | mm | 56 | 66 | 66 | 104 | 160 |
| Radiator thickness with covers | mm | 66 | 66 | 66 | 104 | 160 |
| B | | | | | | |
| Radiator thickness with bracket | mm | 61 | 72.2 | 72.2 | 110.2 | 166.2 |
| C | | | | | | |
| Total depth with wall hanger (long side) | mm | 99 | 110.2 | 110.2 | 148.2 | 204.2 |
| Total depth with wall hanger (short side) | mm | 84 | 95.2 | 95.2 | 133.2 | 189.2 |

STANDARD ACCESSORIES

Ferrolli steel panel radiators are equipped as a standard in the package with wall brackets, fischer screws, one blind plug and one air vent. For 6-connection-radiators, such accessories are available upon request.



QUALITY PACKAGING

In order to minimize the damages during shipping and storage;

- Side lids of the panel radiator's are covered with cardboard
- Plastic suspension bracket protector placed on suspensions
- Plastic side protectors placed to prevent smashing
- Steel radiator completely covered with bubble nylon and shrinking nylon to be ready for shipping



| OUTPUT ACCORDING TO EN442 | | 55/45 °C CH INLET/OUTLET | |
|---------------------------|-------|--------------------------|----------|
| ROOM TEMPERATURE | | 20 °C | |
| OUTPUT PER METER | | | |
| TYPE | H(mm) | (W) | (KCal/h) |
| 11 | 300 | 231 | 198 |
| 11 | 400 | 311 | 267 |
| 11 | 500 | 388 | 333 |
| 11 | 600 | 460 | 395 |
| 11 | 700 | 525 | 452 |
| 11 | 900 | 639 | 550 |
| 20 | 300 | 284 | 244 |
| 20 | 400 | 361 | 311 |
| 20 | 500 | 436 | 375 |
| 20 | 600 | 508 | 437 |
| 20 | 700 | 578 | 497 |
| 20 | 900 | 713 | 613 |
| 21 | 300 | 369 | 317 |
| 21 | 400 | 472 | 406 |
| 21 | 500 | 571 | 491 |
| 21 | 600 | 663 | 570 |
| 21 | 700 | 750 | 645 |
| 21 | 900 | 909 | 782 |
| 22 | 300 | 479 | 412 |
| 22 | 400 | 611 | 525 |
| 22 | 500 | 735 | 632 |
| 22 | 600 | 853 | 733 |
| 22 | 700 | 974 | 838 |
| 22 | 900 | 1210 | 1041 |
| 33 | 300 | 688 | 591 |
| 33 | 400 | 884 | 760 |
| 33 | 500 | 1067 | 918 |
| 33 | 600 | 1241 | 1067 |
| 33 | 700 | 1396 | 1200 |
| 33 | 900 | 1676 | 1441 |

WEIGHT and WATER CONTENT

| Type | Height | Unit | 300 | 400 | 500 | 600 | 700 | 900 |
|------|---------------|-------|------|------|------|------|------|------|
| 11 | Weight | kg | 7.7 | 10.4 | 13.1 | 15.8 | 18.6 | 24.2 |
| | Water content | litre | 1.7 | 2.1 | 2.6 | 3.0 | 3.4 | 4.2 |
| 20 | Weight | kg | 11.3 | 15.1 | 18.9 | 22.7 | 26.5 | 34.0 |
| | Water content | litre | 3.3 | 4.2 | 5.1 | 5.9 | 6.7 | 8.2 |
| 21 | Weight | kg | 13.3 | 17.9 | 22.4 | 26.9 | 31.6 | 40.8 |
| | Water content | litre | 3.3 | 4.2 | 5.1 | 5.9 | 6.7 | 8.2 |
| 22 | Weight | kg | 15.3 | 20.5 | 25.8 | 31.1 | 36.6 | 47.3 |
| | Water content | litre | 3.3 | 4.2 | 5.1 | 5.9 | 6.7 | 8.2 |
| 33 | Weight | kg | 22.9 | 30.7 | 38.6 | 46.5 | 54.7 | 70.7 |
| | Water content | litre | 4.4 | 5.8 | 7.2 | 8.6 | 10.0 | 12.7 |

