

FARAL



FARAL 140

The FARAL 140 radiator is a heating emitter manufactured in die-cast aluminium alloy and consists of individual modular sections assembled by means of steel nipples and special sealing gaskets. It is intended for use in closed circuit, central or individual hot water systems. The FARAL 140 radiator is manufactured by FARAL S.p.A., whose name has been closely associated with vanguard technology in the field of domestic heating systems for more than 40 years.

Production

The raw materials used for the manufacturing of FARAL 140 radiators are aluminium alloys, specifically developed to enable complex items to be produced. The radiators undergo specific multistage treatments before the final coating, making the external and internal surfaces highly resistant to the corrosive action of the water in the system and the surrounding environment. The painting which follows is carried out through a double coating and stoving process: the first coating is created through an anaphoretic immersion of the radiators while the second uses epoxy powder finishes. Polymerisation in high-temperature kilns guarantees long lasting and glossy coats. The FARAL 140 radiators undergo strict technological and aesthetical controls before the final leakage test to ensure they comply with the EN 442-1 standard.

Aluminium and Thermal Characteristics

Aluminium is an excellent heat conductor and this ability has been optimised since the early stages of the designing of FARAL 140 radiators to guarantee comfort in any environment. Aluminium with its high conductivity reacts swiftly to changes in the temperature of the fluid circulating inside it and its low thermal inertia allows it to respond instantly to thermostatically controlled systems. This ability, combined with a low water content, constitutes a substantial saving of energy.

Light Weight and Easy to Install Radiators and Accessories

Thanks to their light weight and easy handling, any installation of FARAL 140 radiators constitutes a substantial saving of time. FARAL 140 has a depth of 140 mm and centres of 200 mm offering the possibility of installation under glass walls or in particularly deep niches. FARAL 140 is the only radiator with depth 140 on the market that features two different layouts on the front and back sides. On one side it is closed with air outlet on the top; on the other side it is open with air outlet on the front. These two different layouts enable a double chance of installation and allow the matching with other radiators open or closed, thus keeping the same aesthetical design. FARAL 140 radiators are supplied in pre-assembled sets, containing from 2 to 15 sections, depending on the customer's requirements. Its wide range of accessories makes the installation of FARAL 140 radiators simple and cost effective.

Packaging

To protect the radiator during handling before its installation, FARAL 140 is wrapped in a thick layer of shrink-wrapping polyethylene and then placed in a strong cardboard box. This way the radiator is guaranteed to be transported safely and easily.

Colours

The standard colour is the pure white RAL 9010 accomplished through deposition of powder-based pigments polymerised in high-temperature kilns. In addition to the standard colour, FARAL 140 can be supplied in a selected range of colours, available in FARAL colour chart.



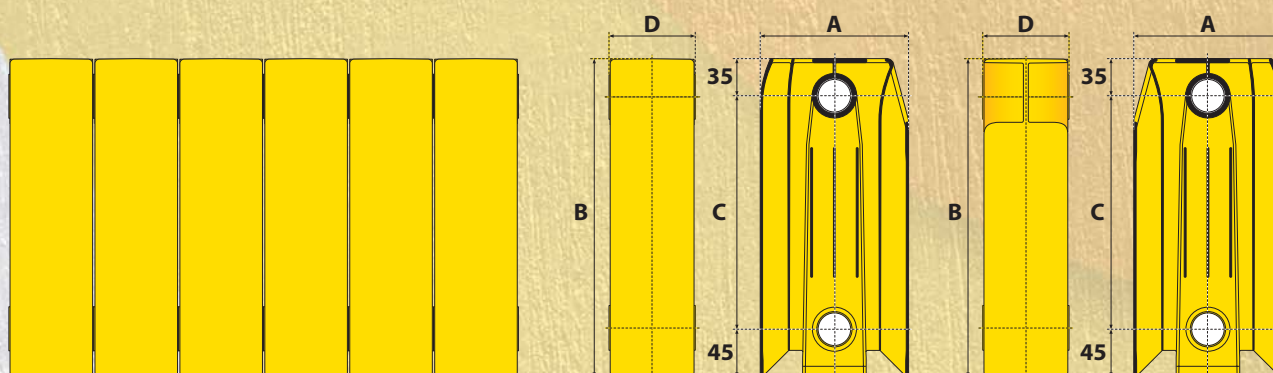


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05-2006 4FD1402



Model FARAL 140	Depth mm	Height mm	Centres mm	Length mm	Connection Diameter inches	Water content liters/section	Weight Kg/sect.	Heat output EN442 $\Delta t = 50$ K watt/section	Exponent n
FARAL 200/140	140	280	200	80	1"	0,300	1,100	74,0	1,274

- The maximum operating pressure is 600 kPa (6 bar).
- The thermal outputs expressed at $\Delta t = 50$ K comply with the European regulation EN 442-2
- The dimensions are subject to normal manufacturing tolerances, according to the regulation EN 442-1.
- The guarantee is valid for ten years provided that the specific conditions of use laid out in the Faral technical literature are adhered to.

Member of Zehnder Group

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