



FARAL



FARAL *Trio HP*

The FARAL Trio HP 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 heating systems.

The FARAL Trio HP 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 Trio HP 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 Trio HP 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 Trio HP 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 Trio HP radiators constitutes a substantial saving of time. FARAL Trio HP range includes two models in the traditional depth 95 mm, with centres going from 500 to 350 mm. FARAL Trio HP 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 the FARAL Trio HP radiators simple and cost effective.

Packaging

To protect the radiator during handling before its installation, FARAL Trio HP 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 Trio HP can be supplied in a selected range of colours, available in FARAL colour chart.

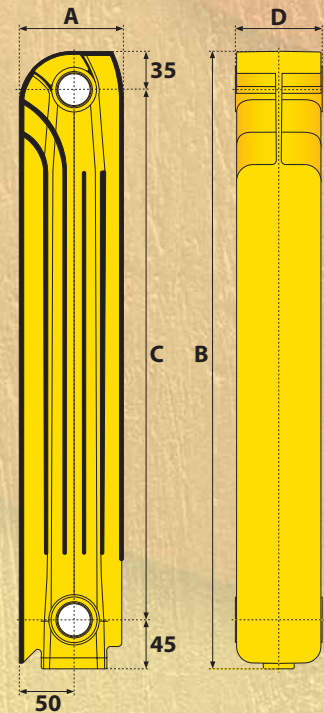
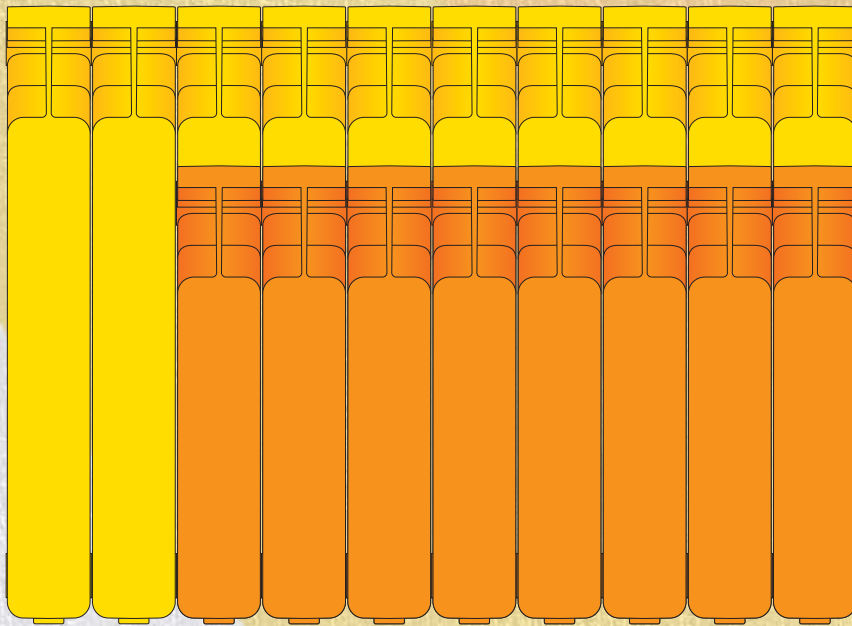




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longa@studiolonga.it



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Model FARAL Trio HP	Depth mm	Height mm	Centres mm	Length mm	Diameter connection inches	Water content l/section	Weight Kg	Heat output EN442 $\Delta t = 50$ K watt	Exponent n
FARAL Trio HP 500	95	580	500	80	1"	0,440	1,420	137	1,298
FARAL Trio HP 350	95	430	350	80	1"	0,450	1,010	98	1,282

- The maximum operating pressure is 1600 kPa (16 bar)
- The above thermal outputs expressed at $\Delta T=50K$ comply with European regulation EN 442-2
- The testing pressure is 2400 kPa (24 bar).

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Faral S.p.a.
Via Ponte Alto, 40
41011 Campogalliano (MO) Italy
www.faral.com

Tel. +39.059.8890711
Fax +39.059.527236
info@faral.com



Authorized distributor

