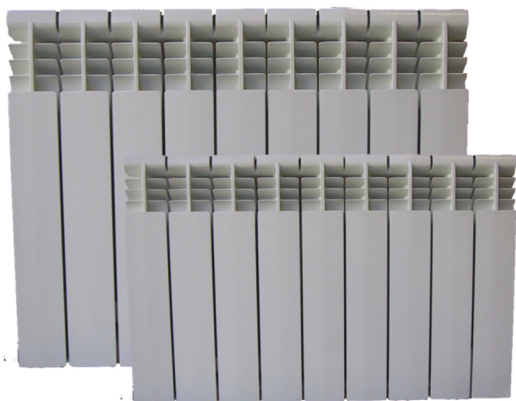


Aluminium radiators



MISTRAL

Aluminium radiators for hot water systems up to 6 bar and 120 °C

Main features

- Radiators made up of sections which are joined together by means of nipples with left and right-hand thread and sealing gasket.
- Sections manufactured by pressure-injecting molten aluminium alloy.
- Finished off with two coats of paint. Primer coated by electrophoresis (dipped) with a subsequent coat of white epoxy powder RAL 9010 (both coats oven-dried).
- Accessories made up of: Plugs and bushings, painted and zinc-coated, with left and right-hand thread, gaskets, brackets, automatic venting PA5 1 (RH or LH) and spray paint for retouching.

Dimensions and Technical Data

Models	Dimensions mm			Water capacity l	Approx. weight kg	Per section in W		Exponent "n" of the characteristic curve
	A	B	C			(1)	(2)	
MISTRAL 45	425	350	80	0,25	1,02	84,8	43,5	1,30
MISTRAL 60	575	500	80	0,30	1,25	106,1	54,8	1,29
MISTRAL 70	675	600	80	0,35	1,43	122	62,7	1,30

(1) = Heat output in Watt to UNE EN-442 for a $\Delta t = 50$ °C

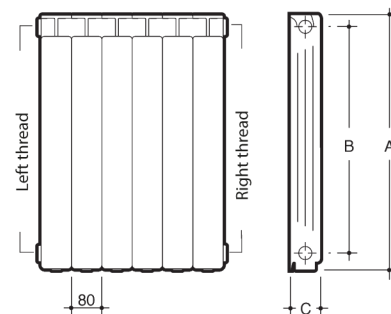
(2) = Heat output in Watt to UNE EN-442 for a $\Delta t = 30$ °C

Δt = (mean radiator T. - room T.) in °C

"n" Exponent of the characteristic curve meets UNE EN-442

Section tappings are delivered with 1" right-hand thread at one side, and left-hand thread at the other.

When ordering, make sure to specify the correct thread direction for the bushings and plugs.



Fitting

If you wish to increase the size of a radiator by adding more sections, please note that the corresponding internal nipples and gaskets should be used.

	Code
Nipple M-1" A	194002003*
Gasket 1" 42 x 32 x 1	194003005*

(* Set of 50 units.

(See Assembly of Cast-iron Radiators).

Plugs and bushings do not require stuffing or any extra sealing as the leak-tightness is ensured by the gasket.

Installation

The following precautions should be taken when installing aluminium radiators:

- An automatic air vent PA5-1 (RH or LH) should always be fitted to every radiator.
- The water in the system should be treated so as to maintain the pH between 5 and 8.
- Once installed, do not allow the radiator to become completely isolated from the rest of the system, and do not allow the radiator valve and the lock-shield valve to remain closed simultaneously for any time.

Hydraulic test

We recommend that the radiators are tested after their installation at 1.3 times the working pressure.

Delivery presentation

- They are delivered in groups of 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12 sections, duly protected by expanded polystyrene corner pieces and individually shrink-wrapped.
- Additional fittings: see "Radiator fittings".