

Cast Iron Radiator

Installation Guide



ATTENTION: The connection of this radiator to a central heating system should be carried out by a suitably competent person who is familiar with current regulations.

READ THIS GUIDE BEFORE STARTING INSTALLATION

Handling Advice

Please consider manual handling guidelines when handling the product and ensure the risk of injury to yourself/others or any damage is minimised. Please also carefully read the lifting instructions below.

Assembly Advice

Radiators over a certain length are supplied in multiple lumps for ease of handling. Please refer to the sectional radiator assembly guide provided separately.

Water Treatment

These products are for use on closed heating systems only; they are not suitable for installation on secondary HWS circuits.

On completion of the installation the entire system MUST be thoroughly cleaned and flushed to remove debris/flux residues etc. If a chemical cleanser is used, it must be thoroughly flushed from the system. Following this, the system MUST be dosed with a good quality water treatment to prevent corrosion. System design, flushing and dosing must be in accordance with BS 7593:2019 and BS EN 12828:2012. Alternatively, the system should be compliant with the criteria defined in VDI 2035.

IMPORTANT: Failure to observe these requirements will render the guarantee on the product void. Corrosion inhibitor must be used in accordance with the manufacturer's instructions and recommendations and should take into account the particular metals within the system.

Cleaning & Aftercare

The external surface of the radiator should be cleaned with mild detergent. No solvents or abrasives should be used.

Painting

Radiators supplied in a 'primer' finish must be coated. Paint types including oil-based, cellulose, 2-pack acrylic and stove enamel are all acceptable. These radiators may have been supplied factory painted in your choice of colour. If so, no further painting or surface treatment is necessary or recommended. Always consult the paint manufacturers guidance & instructions.

Do not powder-coat this product.

Operating Pressure

Maximum 6 bar

Warranty & Further Information

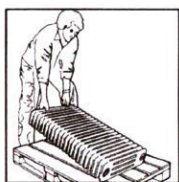
MHS Cast Iron radiators have been designed, manufactured and tested to ensure a long-lasting use. They are guaranteed to be free from material and manufacturing defects for 10 years from date of purchase. Should you require any further information, help or advice, or have any difficulty with these products or their installation and use, please contact our office on:

SALES OFFICE: +44 (0)1268 546789

AFTER SALES SUPPORT: +44 (0)1268 546775

Lifting Instructions

Due to their sectional construction, cast iron radiators must be lifted in the vertical position to prevent any flexing.



DO NOT!
Lift from
one end



DO NOT!
Carry
radiators flat



ALWAYS!
Lift in
centre



ALWAYS!
Keep sections
vertical



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Bushes & Washers

Each radiator is supplied with a bush & washers for each of the 4 connections:

- Two ½" BSP threaded bushes for the connection of radiator valves
- One bush for the air vent
- One blank bush

If the bushes are supplied loose they must be fitted to the radiators before installation, please refer to the Section Radiators assembly guide..

Use only the gaskets supplied for sealing the bushes, air vents and plugs.

No thread sealant paste or tape should be used on the thread, or face of the bush.

When fitting radiator valves to the left-hand threaded bushes, hold the bushes firmly with a spanner. This will



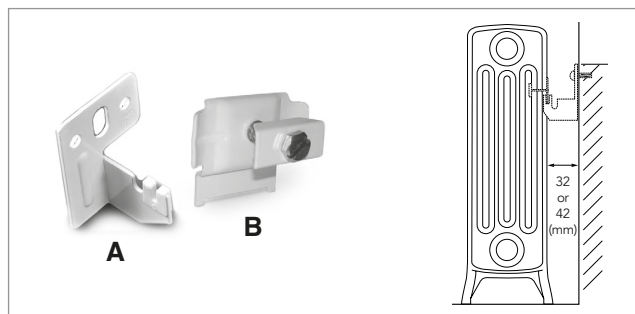
ensure that the bushes are not allowed to rotate and become loosened, thereby preventing the risk of leaking.

NOTE: Bushes with an 'L', or 'S' indicate left hand thread.

It is recommended that the threaded tail pieces of radiators valves or other pipe fittings that are screwed into the bushes are sealed with PTFE thread sealing tape. Sealing compound can also be used but great care must be taken to ensure that there is no contact of the sealing compound onto any of the sealing rings.

Brackets

1. Affix Wall Tie 'A' to required position on wall using suitable fixings (not supplied).
2. Fit Clamp 'B' between columns of the radiator, this will link with the wall bracket and secure lightly.
3. Offer radiator into position, slide clamp piece downward until tongue locates into the wall bracket and then tighten the clamp screw.



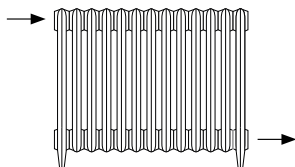
NOTE: Astro, Blenheim, Burlington & Liberty radiators are supplied with longer (80mm) bolts.

Connection Details

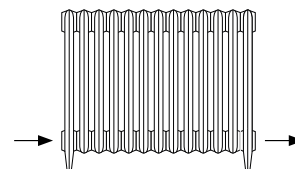
The radiator can be installed with the following connection (inlet & outlet) configurations, referred to by the codes indicated:

NOTE: The radiators are reversible from left to right but are not reversible from top to bottom.

Top-Bottom-
Opposite-Ends
TBOE



Bottom-Bottom-
Opposite-Ends
BBOE



Top-Bottom-
Same-Ends
TBSE

