Assembly Instructions

Panel radiator universal

Parts Supplied

В

C

Air vent

Blanking plug

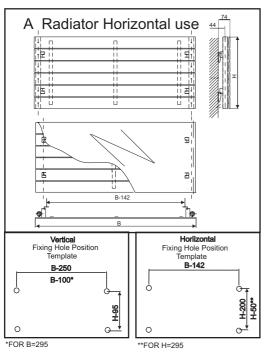
Ref Description Illustration Qty A Radiator Vertical use 1

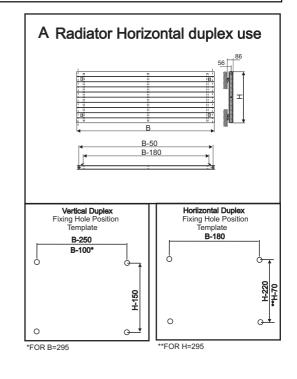
Fittings Supplied (for solid walls)

Ref	Description	Illustration	Qty
D	Masonry plug		4
E	Screw		4
F	Bolster		4
G	Galvanized Bracket		4

Tools Required (not supplied)

Drilling Machine
Drill 10 mm masonry
22 mm Spanner
Hammer
Flat Nosed Pliers





Before you start:

• Please read instructions carefully before installation.

 Check the pack and make sure you have all parts listed above. If not, contact your supplier who will be able to help you.

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- Before drilling, first check that there are no hidden water pipes or electrical cables.
- This radiator is designed for use on an open or closed heating system up to a max pressure of 3 bars. For use on open systems the warrantee is subject to the addition of an anti-corrosion additive like Fernox.
- When you are ready to start, make sure you have the right tool to hand, plenty of space and clean dry area for assembly.
- Make sure that you use the right type of wall fixing;-masonry wall plugs supplied -.

Installation

A: Vertical use

1. Using the dimensions given in the fixing hole template if using the plugs supplied drill 4 holes to a depth of approximately 60 mm and a diameter of 10 mm. **NOTE**: The distance from the floor to the bottom of the radiator must be at least 200 mm for efficient heating and ventilation. The distance between the two ½" pipe connections is the width (B) + valve allowance.

B: Horizontal use

- 1. Using the dimensions given in the fixing hole template if using the plugs supplied drill 4 holes to a depth of approximately 60 mm and a diameter of 10 mm.**NOTE**: The distance from the floor to the bottom of the radiator must be at least 200 mm for efficient heating and ventilation. The distance between the two ½" pipe connections is H-50 mm.
- 2. Insert masonry wall plugs (D) provided into the drilled holes, solid walls only.
- 3. Fasten screw (E) with bolster (F) through bracket (G) to fix securely to the wall. **Take care not to over** tighten.
- 4. Hang the radiator on the brackets.
- 5. Fit the supplied air vent (B) and blanking plug (C) into the upper threaded openings of the radiator.
- 6. Connect the water flow and the return pipe to the chosen side of the radiator and the isolation valves (not supplied). Ensure a water tight seal is obtained by using PTFE tape on the threads.
- 7. How to first fill and vent the radiator:
 - Open the air vent
 - Slightly open the inlet valve (about 10%) while leaving the outlet valve totally closed.
- Allow the system to fill the radiator. If possible fill without use of the heating pump, it is important that the radiator is filled slowly.
- When the radiator has been filled close the air vent.
- Open both inlet and outlet valves totally and use the heating system for about 2 hours.
- Totally close both inlet and outlet valves.
- Open the air vent and let out all air.
- This should clear all air from the radiator. If you are still having problems, on some systems it may be necessary to fit an automatic air vent.

Care & Use

- After fitting you MUST be absolutely certain that the system is THOROUGHLY flushed before it is commissioned in order to rinse out any metal, flux and foreign residues.
- To help prevent internal corrosion and lime scale formation a suitable inhibitor
 MUST be added to the central heating system when it is refilled
- Wipe radiator clean with a soft damp cloth. Never use scourers, abrasives or chemical cleaners.

Troubleshooting

• If some panels of the radiator are not warm, check and purge once more using step 7.