

CORNEL Fitting Instructions

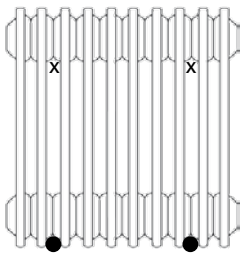
Steel Multi Column Radiator, White RAL 9016
Horizontal and Vertical

Please read these instructions and terms and conditions carefully prior to installation. Failure to do so may invalidate the warranty.



Drawings

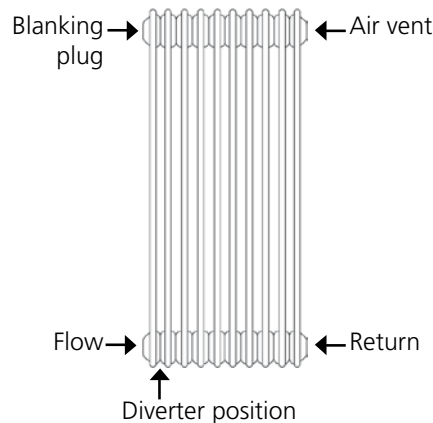
Drawing 1 - Bracket Positions



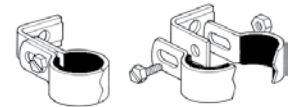
Wall Ties should be logically positioned to prevent Steel Multi Column from falling away from the wall, usually in line with Wall Brackets. If more than 2 brackets have been supplied these should be spaced evenly.

- = typical Wall Bracket positions
- x = typical Wall Tie positions

Drawing 2 - Steel Multi Column Orientation



Drawing 3 - Wall Tie Assembly



Wall ties adjust from 33mm - 43mm

Drawing 4 Stud Wall Brackets

See drawing for bracket positioning.

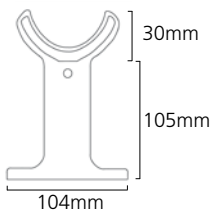
Pipe Centres

- 2 Column = 53mm
- 3 Column = 75mm
- 4 Column = 95mm



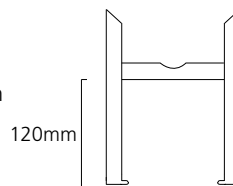
Drawing 4 Floor Mount

If ordered position evenly between sections beneath the radiator.



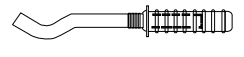
Drawing 5 Slip on Feet

If ordered slip on desired sections evenly beneath radiator.



Drawing 6 Wall Brackets

See drawing for bracket positioning.



Bracket Lengths

- 2 column = 170mm
- 3 column = 190mm
- 4 column = 233mm

Pipe Centres

Pipe centres left to right = width of radiator plus valves.

Pipe centres from wall = 2 column = 66mm - 76mm, 3 column = 87mm - 97mm, 4 column = 107mm - 117mm

1. Unpack & Inspect

This product should have reached you in perfect condition. Please carefully unpack and inspect this radiator and all fittings. Your point of purchase must be notified of any shortages or damage within 28 days of delivery. For further information please see terms and conditions on reverse.

2. Contents

You should have:

- 1 Radiator
- 1 Manual Airvent

Your chosen mounting option out of the following;

- 2 Wall Brackets & 2 Wall Ties (up to 20 sections)
- 3 Wall Brackets & 3 Wall Ties (26 section radiator)

- 2 Floor Mounts & 2 Wall Ties (up to 20 sections)
- 3 Floor Mounts & 3 Wall Ties (26 section radiator)

- 2 Slip on Feet & 2 Wall Ties (up to 20 sections)
- 3 Slip on Feet & 3 Wall Ties (26 section radiator)

- 4 Stud wall brackets (up to 18 sections)
- 6 Stud Wall brackets (22 to 26 section radiator)

You will need:

- Tape measure
- Spirit level
- Electric drill and bits
- Suitable screws and plugs

3. Orientation

The Cornel is supplied with four factory fitted bushes. At the top should be the blanking plug and the ½" air vent bush.

At the bottom are two ½" bushes for flow and return connections. A diverter is fitted within the first two sections in the lower water way directly below the blanking plug end. The flow must be connected to this side (please see diagram overleaf).

4. Mark Bracket Positions

Steel Multi Column radiators ideally should sit on wall brackets, this makes them less visible when fitted. Wall brackets are typically positioned two or three sections in from either end (please see drawing 1 on other page). The Wall bracket is a tap screw, use a rubber mallet or length of wood to prevent chipping paint when fixing in position. Fit the wall ties onto the back of the radiator; two sections in from each end with the wall fixing facing into the centre of the radiator.

5. Fix Brackets / Feet

Check the positions of the brackets are level and using a suitable drill bit and rubber mallet fix the brackets in position.

When the wall brackets are firmly fixed, place the radiator in position and mark the location of the wall tie fixings with a long pencil. Remove radiator and drill holes and place wall plugs for the wall ties, replace radiator and secure the wall ties.

PLEASE NOTE: It is essential that all brackets are level to ensure a vertical alignment for connecting the pipework.

6. Hang & Commission

With all bracket positions marked and / or fixed, the radiator is placed in its final position for valve and pipe work connections. Please ensure the flow is connected to the correct end nearest the diverter (please see Drawing 2 on other page).

When commissioning your radiator on an indirect/closed system we recommend using a suitable quality & quantity of mixed metal inhibitor to protect against scale & corrosion.

Damage caused to systems not protected by a suitable inhibitor will not be covered by manufacturer's guarantee.

Technical Specifications

Materials	Mild Steel.
Connections	½" flow and return.
Test pressure	13 Bar
Testing authority	EN442
Maximum operating pressure	10 Bar
Maximum working temperature	110°C
Packaging	Wrapped in polyethylene with cardboard protectors.

PLEASE NOTE: Systems using micro bore pipework must have adequate pressure and flow rates for the number and style of radiators on the system.

Guarantees & Liabilities

This product is guaranteed for 5 years. As we are not the manufacturers of this product we will take all reasonable endeavours to make over to you the benefit of any warranty or guarantee given by the manufacturer. The guarantees in all cases are subject to the products being installed in accordance with British and or European standards as well as these fitting instructions. The guarantees in all cases are restricted to the free of charge replacement or repair of the failed product only. Our liability will under no circumstances extend beyond the repair or replacement of the product supplied by us. Claims for either labour in replacement or damage to property are not admissible. Any goods that are returned, in the event of a problem, will belong to us.

Terms & Conditions

All products must be inspected once removed from the packaging and your point of purchase notified within 28 days of delivery of any scratches, blemishes or other damage. Your point of purchase will then agree appropriate action.

Imperfect radiators should therefore not be fitted and we will not accept responsibility for replacement of scratched or damaged radiators once they have been fitted. This includes any consequential loss or cost of fitting.

If we are not notified within 28 days of the date on the signed delivery note then it will be deemed that we have fully complied with our obligations and claims will not be considered.

Failure to comply with any of the above may invalidate any claims. We recommend that after you check the product on delivery that it is stored in its packaging to prevent damage prior to installation, we cannot accept responsibility for items damaged after delivery.

For full details of our Terms and Conditions please visit www.supplies4heat.co.uk or call us on 01342 306880.