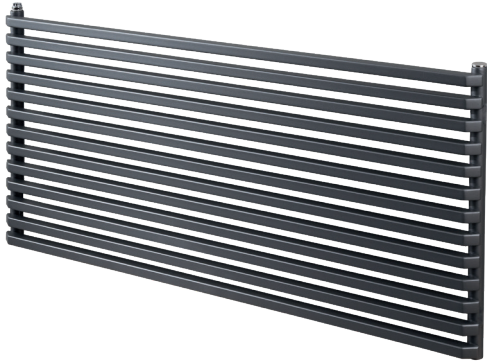


Rectangular Tube Horizontal Fitting Instructions

Steel Designer Radiator
20mm x 25mm Rectangular Tubes
30mm Collectors



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

Drawings

Fig 1

Single Horizontal

Double Horizontal

Fig 2

Single Horizontal

Double Horizontal

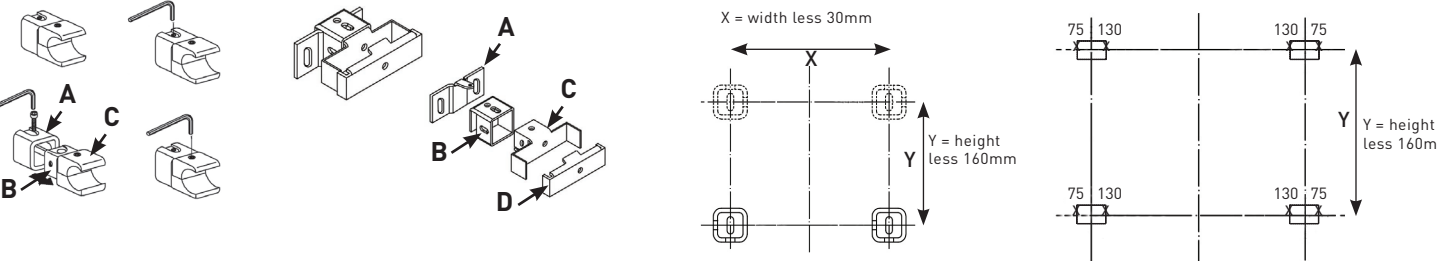
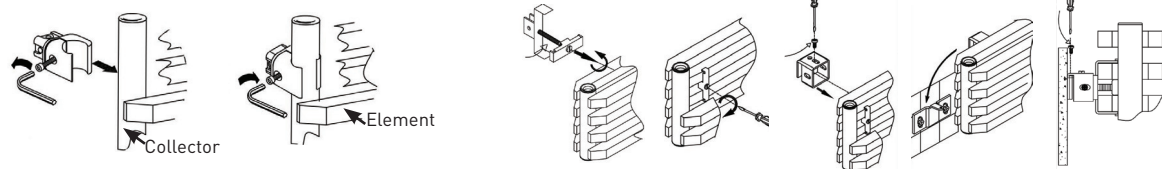


Fig 3

Single Horizontal

Double Horizontal



Pipe Centres

	Single	Double
Pipe centres left to right	= width minus 30mm	width minus 30mm
Pipe centres from wall	= 55mm	76mm - 82mm
Depth from wall	= 95mm	116mm - 122mm

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 overleaf.

2. Contents

You should have:

- 1 Radiator
- 4 Wall Brackets
- 4 Wall Plugs
- 4 Screws
- 4 Wall Sleeves
- 4 Wall Plates (double models)
- 1 Airvent
- 1 Blanking Plug

You will need:

- Tape measure
- Electric drill and bits
- Spirit level

3. Mark Bracket Positions

Single Horizontal

1. Mark bracket positions as per **Fig. 2**, measure the width (X) of the radiator less 30mm and the height (Y) of the radiator less 160mm to find your four fixing positions for the Wall sleeves.
2. The Wall Sleeve (**A** in **Fig. 1**) screws into the wall in the positions as described above.
3. See **Fig 1** - join together **B, C, D**. Fix to radiator between the 2nd and 3rd element from top and bottom and 100mm from either side, ensuring part "**B**" has the fastening screw on top.
4. Raise radiator and hook onto Wall plate "**A**" and fasten bracket to plate with screw (**Fig. 3**).

Double Horizontal

1. Mark bracket positions as per **Fig. 3**, each wall plate (**A** in **Fig. 1**) has two fixing positions, measure 75mm in from the side of the radiator for the first position and 130mm in for the 2nd. Then measure the height (Y) of the radiator less 160mm to get the top and bottom measurements.
2. The Wall Plate (**A** in **Fig. 1**) screws into the wall in the positions as described above.

3. Mark Bracket Positions

Double Horizontal continued

4. See **Fig 1** - join together **B, C, D** ensuring the **B** has the fastening screw on top, hook the brackets over the plates.
5. Raise radiator and slot into Wall plate "**A**" and fasten bracket to plate with screw (**Fig. 3**).

4. Fix Brackets

Using a suitable drill bit, screws and plugs, fix the brackets and level with a spirit level.

PLEASE NOTE:

It is essential that all brackets are level and square prior to hanging the radiator to ensure a vertical alignment for connecting the pipework.

5. Hang & Commission

With the brackets sleeves firmly fixed and level, the radiator can be hung in position by inserting the brackets into the sleeves and securing with the grub screws provided.

When commissioning your radiator on an indirect/closed system we recommend using a suitable 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	Steel.
Connections	½" flow and return.
Test pressure	6 Bar
Maximum operating pressure	4 Bar
Maximum working temperature	95°C
Packaging	Wrapped in polyethylene & boxed.

Guarantees & Liabilities

This product is guaranteed for 10 years. 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 your point of purchase 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.

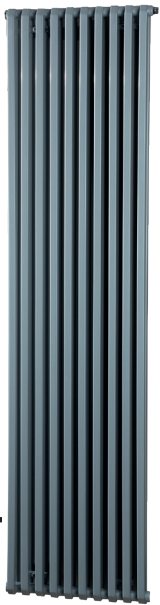
If your point of purchase are not notified within 28 days of the date on the signed delivery note then it will be deemed that they have fully complied with their obligations and claims will not be considered.

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

Rectangular Tube Vertical Fitting Instructions

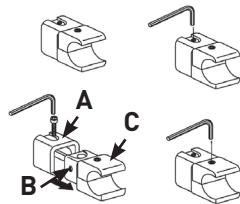
Steel Designer Radiator
20mm x 25mm Rectangular Tubes
30mm Collectors

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



Drawings

Fig 1
Single Vertical



Double Vertical

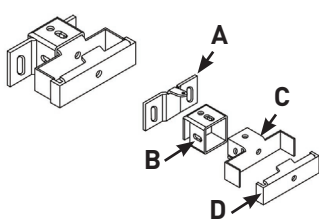


Fig 2

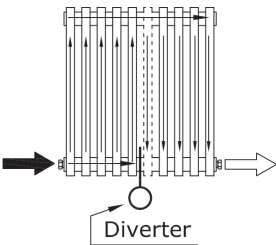


Fig 3
Single Vertical

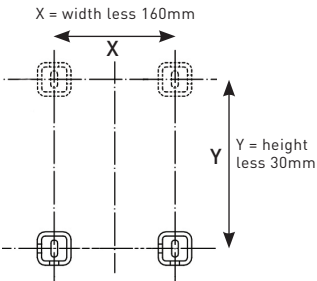


Fig 3
Double Vertical

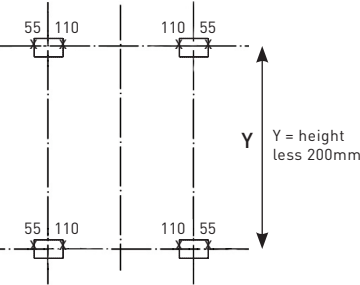
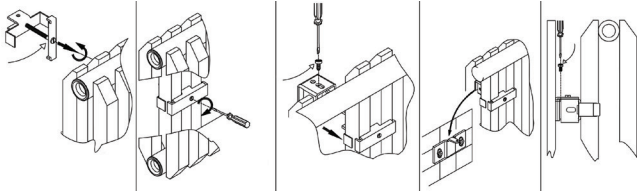


Fig 4
Single Vertical



Double Vertical



Pipe Centres

	Single	Double
Pipe centres left to right	= width plus valves	width plus valves
Pipe centres from wall	= 55mm	76mm - 82mm
Depth from wall	= 95mm	116mm - 122mm

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 overleaf.

2. Contents

You should have:

- 1 Radiator
- 4 Wall Brackets
- 4 Wall Plugs
- 4 Screws
- 4 Wall Sleeves
- 4 Wall Plates (double models)
- 1 Airvent
- 1 Blanking Plug
- 1 Diverter

You will need:

- Tape measure
- Electric drill and bits
- Spirit level

3. Mark Bracket Positions

Single Vertical

1. Mark bracket positions as per **Fig. 3**, measure the width (X) of the radiator less 160mm and the height (Y) of the radiator less 30mm to find your four fixing positions for the Wall sleeves.
2. The Wall Sleeve (**A** in **fig. 1**) screws into the wall in the positions as described above.
3. Ensure diverter is in the correct position
4. Attach clamps **B & C** to collector between the 2nd and 3rd element, top and bottom, from either side, do not overtighten (**Fig. 1**) this, to allow slight adjustment for inserting into wall sleeves.
5. Raise radiator and slot into Wall sleeves "**A**" and tighten (**Fig. 4**).

Double Vertical

1. Mark bracket positions as per **Fig. 3**, each wall plate (**A** in **Fig. 1**) has two fixing positions, measure 55mm in from the side of the radiator for the first position & 110mm in for the 2nd. Then measure the height (Y) of the radiator less 200mm to get the top and bottom measurements.
2. The Wall Plate (**A** in **Fig. 1**) screws into the wall in the positions as described above.
3. Ensure diverter is in the correct position

Double Vertical contined

4. See **Fig 1** - join together **B, C, D**. Fix to radiator between the 2nd and 3rd element either side and 100mm from top and bottom, ensuring part "**B**" has the fastening screw on top.
5. Raise radiator and hook onto Wall plate "**A**" and fasten bracket to plate with screw (**Fig. 4**).

4. Fix Brackets

Using a suitable drill bit, screws and plugs, fix the brackets and level with a spirit level.

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

5. Identify Diverter

Factory fitted steel diverters are used in all vertical models and can be identified by a sticker found on the underside of one collector. The radiator must be hung with the diverter at the bottom. If this sticker is missing simply look into both collectors, one will have a clear water way and one will have a deliberate blockage, this deliberate blockage is the diverter. Please note the diverter can not be removed.

6. Hang & Commission

With the brackets sleeves firmly fixed and level, the radiator can be hung in position by inserting the brackets into the sleeves and securing with the grub screws provided.

When commissioning your radiator on an indirect/closed system we recommend using a suitable 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	Steel.
Connections	½" flow and return.
Test pressure	6 Bar
Maximum operating pressure	4 Bar
Maximum working temperature	95°C
Packaging	Wrapped in polyethlyene & boxed.

Guarantees & Liabilities

This product is guaranteed for 10 years. 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.

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