

## Technical Specifications

Materials	Cast iron.
Connections	½" flow and return bottom opposite end.
Test pressure	10.3 Bar
Testing authority	EN442
Maximum operating pressure	6 Bar
Maximum working temperature	110°C
Packaging	Paper pulp channels, corrugated cardboard & polythene sleeve.

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

## Terms & Conditions

All products must be inspected once removed from the packaging and The Radiator Company notified within 28 days of delivery of any scratches, blemishes or other damage. The Radiator Company will then replace the radiator.

Imperfect radiators should therefore not be fitted and The Radiator Company 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 The Radiator Company are not notified within 28 days of the date on the signed delivery note then it will be deemed that The Radiator Company have fully complied with its 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. The Radiator Company cannot accept responsibility for items damaged after delivery.

## Guarantees & Liabilities

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, which is usually five years on most of our range. (Copies of specific guarantees for any of our products are available on request).

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 The Radiator Company.

**Please Note: We strongly recommend flushing the heating system post installation of new radiators and then adding the correct quantity and type of inhibitor for use with your radiator and system to prevent corrosion. Damage caused to systems not protected by a suitable inhibitor will not be covered by manufacturer's guarantee.**

## Fittings Instructions



4 Column cast iron radiator perfect for any period property.

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

The Radiator Company  
Units 13 - 14 Charlwoods Road  
East Grinstead  
West Sussex  
RH19 2HU



UXB\_IR\_1.0

## Uxbridge Diagrams

Uxbridge 4 Column Cast Iron Radiator with footed ends



455mm High, sections 60.5mm

650mm High, sections 61mm

750mm High, sections 61mm

800mm High, sections 56mm

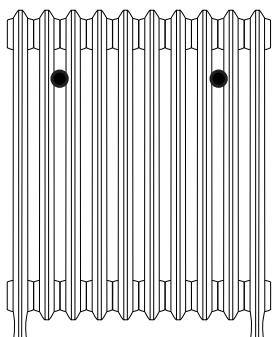


Fig 1

● = Wall Tie Positions

## Pipe Centres

Section Height	Pipe centres left to right	Pipe centres from wall
455mm	60.5mm x number of sections + 32mm bushes + valves	104mm-119mm
650mm 750mm	61mm x number of sections + 32mm bushes + valves	104mm-119mm
800mm	56mm x number of sections + 32mm bushes + valves	104mm-119mm

## 1 Inspect

The Radiator Company prides itself on selecting products from manufacturers who exercise tight quality control measures. We only select models that exceed British manufacturing standards for cast iron radiators and surpass requirements of our stringent selection process. All of our products are well packaged and should reach you in perfect condition. Just in case however, we offer a 10 year no quibble guarantee for all cast iron radiators.



Please carefully unpack and inspect this radiator and all fittings. The Radiator Company must be notified of any shortages or damage within 28 days of delivery. For further information please see terms and conditions on back page.

## 2 Contents

For radiators up to 10 sections you should have

- 1 Radiator
- 4 x 0.5" bushes
- 1 Manual Airvent
- 1 Blanking Plug
- Wall ties (if specified)

For radiators over 10 sections you should have

- 1 Radiator (separated)
- 1 Joining key, if requested
- 2 Nipples per join in sealed bag
- 2 Gaskets per join in sealed bag
- 4 End bush gaskets in a sealed bag
- Wall ties (if specified)

All bushes will be screwed hand-tight into the radiator.

## 3 Joining Sections If Required

If you require joining sections, please see the separate instructions provided.

## 4 Fitting Bushes IMPORTANT NOTE

Cast Iron radiators have specific left and right hand threaded bushes and these can be easily damaged if forced or incorrectly fitted (this will inevitably cause leaks). **Bushes require a dry fit connection only; you must not use any Compound materials** (e.g. Jet Blue) or Plumbers Hemp. If you choose you may use up to 4 turns of PTFE tape making sure the sealing faces are clean and free from any debris (the tape should be applied in the direction of the thread and no more than this amount should be used as this may cause leaks to occur)

## 5 Marking Wall Ties

### Please refer to Fig 1

With the radiator in place, mark the positions for the wall ties, which can be placed on the second section in from the side (please see image to the left of this page.)

When placing the radiator in place for installation, consideration needs to be taken for the width of the feet as this will affect how far the radiator will sit from the wall/skirting board.

Double check the markings then move the radiator out of the way, then using a suitable drill bit and plugs, fix the wall ties to the wall.

Wall ties can be screwed into wood or used in masonry with a suitable wall plug.

## 6 Commission

In accordance with Part L1 2006 of the Building Regulations and BS7593:1992 code of practice for the treatment of hot water and central heating systems, we strongly recommend flushing the heating system post installation of new radiators and then adding the correct quantity and type of inhibitor for use with your radiator and system to prevent corrosion. Damage caused to systems not protected by a suitable inhibitor will not be covered by manufacturer's guarantee. The manufacturer recommend using a vortex type filter to separate any potential particulates before reaching the boiler.

# Cast Iron Joining Instructions

**Please note:** that after manufacture these radiators are pressure tested and cleaned inside, they may, therefore, contain a small amount of water. If handling on a finished floor ensure that adequate protective material is in place before working on the radiators.

A minimum of two people are required to join these sections to ensure safe handling of the radiators and to facilitate an effective water tight seal.

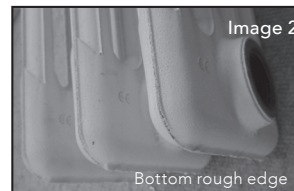
You will need: two nipples, 2 gaskets per join, appropriate size joining key, extension rod for extra torque, bushes and gaskets.

**Cast Iron radiators have specific left and right hand threaded bushes and these can be easily damaged if forced or incorrectly fitted (this will inevitably cause leaks). Bushes require a dry fit connection only; you must not use any Compound materials (e.g. Jet Blue) or Plumbers Hemp. It is important for the faces and flanges of the bushes to be free from and rust/residue/particulates.**

1. To facilitate the joining process the radiator sections must be raised off the ground, (on a firm flat surface) to allow the joining key to turn freely. The radiators should not be placed upright or on end when joining.

2. Before joining the radiators together please remove the plastic bungs, radiators have colour coded plastic inserts to aid in joining the correct end.

3. Position all sections to be joined the correct way up; place the end with a rough casting finish along the join at the bottom and the end with the smooth cast finish at the top. The radiators also need to be the correct way round; ensure the same trade mark or manufacturers stamp are all facing the same way. (Image 1 & 2)

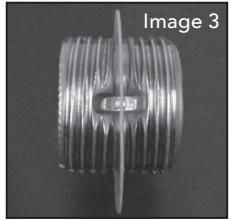


4. Clean the surfaces to be joined using a small blade or similar to remove any dirt or deposits from the face and screw thread.

5. The radiator sections and joining nipples have one left and one right hand thread the Nipples must be inserted correctly to avoid cross threading.

# Cast Iron Joining Instructions

6. Fit a graphite joining gasket over each nipple; push them carefully onto the nipple, making sure they do not tear, until they sit in the groove in the middle of the nipple. (image 3)



7. Having identified the correct insertion direction, using 1 hand turn only screw in a pair of nipples into the end of one radiator (screwing the nipple in further at this stage may cause problems obtaining a water tight seal.) (Image 4)



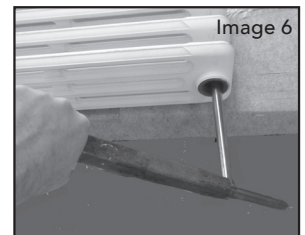
8. Offer up the second radiator, making sure that the two nipples enter the second section evenly.

9. Measure the distance required for the key to identify how far in you need to place the key and then insert the key through the open end of the water way to locate the lug within the first nipple to be joined. (Image 5)



10. The two nipples should now be tightened alternatively to keep the radiators parallel. The key should be kept in a central position in the waterway whilst turning. Tighten the first nipple with 2 turns only, pulling the two sections together. Repeat the process alternating between nipples, until both sections are joined hand tight.

11. Once the joins have been hand tightened both will need extra torque applied to make a water tight seal. To obtain this use a metal extension rod to apply greater leverage. (image 6)



12. Once the joins are satisfactorily tightened you can fit the blanking plugs, bushes and gaskets. Please note these items are also left and right handed to avoid cross threading.