Technical Specifications

Material	Aluminium
Connections	½" flow and return
Test Pressure	9 Bar
Testing Authority	EN442
Max. operating pressure	598/698mm model: 20 Bar, 1480/1880mm model: 6 Bar
Max. working temperature	90°C
Packaging	Wrapped in polythene and boxed
Cleaning	Soft damp cloth with nonabrasive cleaning product

PLEASE NOTE: To reduce the possibility of noise caused by rapid heating and cooling of aluminium radiators; adequate capacity for expansion must be provided within the overall heating system. 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 and 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.

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THE RADIATOR COMPANY

Ottimo

Fittings Instructions

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

10 Year Guarantee

Ottimo Diagrams

Diagram A Joining Sections Together

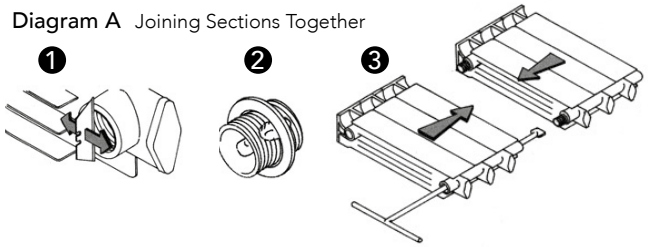
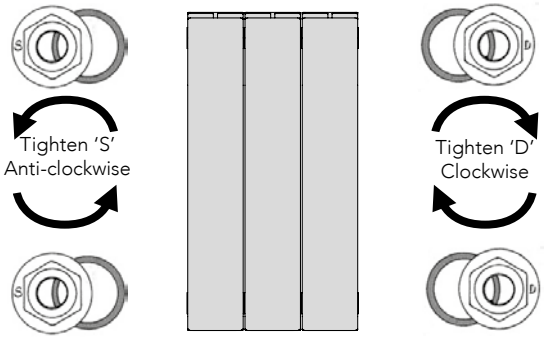
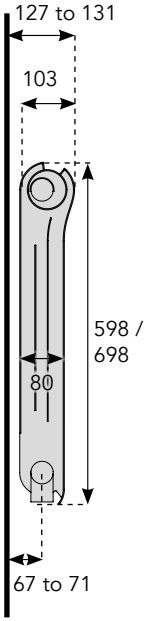


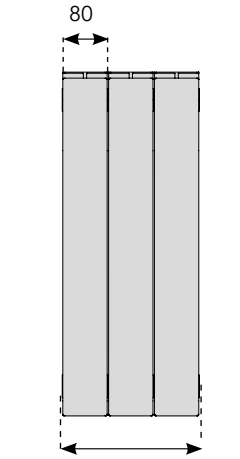
Diagram B Standard Configuration of Bushes



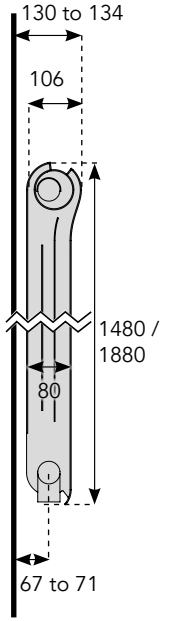
598 / 698mm models



all models



1480 / 1880mm models



Pipe Centres

Pipe centres left to right : 80mm x no. sections + 20mm (bushes)

Pipe centres from wall : 67mm to 71mm

Depth from wall :
1480 & 1880 models: 130mm to 134mm
598 & 698 models: 127mm to 131mm

1 Unpack & Inspect

The Radiator Company prides itself on selecting products from manufacturers who exercise tight quality control measures. We only select models with excellent standards of welding and brazing, as well as high quality finishes. All of our products are well packaged and should reach you in perfect condition. Just in case however, we offer a 5 year no quibble guarantee for all aluminium 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

1 Fittings Pack including:
- 4 bushes with gaskets
- 1 Airvent
- 1 Blanking Plug (if required)
- 1 Airvent Key
- Spring Diverter (only for 1480 / 1880mm high models)

Wall Brackets (in parts):
4 (up to 20 sections)
6 (21 - 30 section)
8 (30+ sections)

3 Joining Sections

1. Remove excess paint from the four radiator faces to be joined together by scraping a flat knife blade across the surface.

2. Place both halves to be assembled on a flat even surface and align the joining surfaces. The radiator sections and joining nipples have one left and one right hand thread - the Nipples must be inserted correctly to avoid cross threading. **The end of the nipple with the right hand thread has a smooth edge; the end with the left hand thread has a serrated edge.**

Carefully insert the barrel nipples into both waterways on one half, taking care not to damage the threads, these can be screwed in a couple of turns each. Apply a little joining compound to the soft fibre gasket and position this gasket within the central groove on the nipple.

3. Carefully insert the joining key through the collector until it locates the barrel nipple and gradually close the halves by equal amounts until tight (please see diagram).

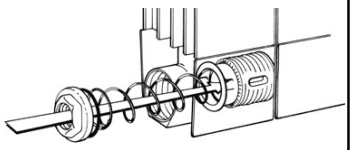
4 Fit Bushes

The bushes for the Ottimo are handed with either a left or right hand thread. The bush marked with an "S" has a left hand thread and shoujld be tightened anti-clockwise, and the bushes marked with a "D" has a right hand thread and needs to be tightened Clockwise. **Please see Diagram B**.

IMPORTANT NOTE:
Bushes 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 to help seal the threads (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 Fit Diverter *(1480 /1880mm models only)*

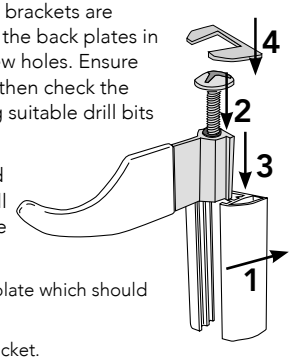
For the 1480 & 1880mm models, you are supplied with a spring diverter, which is installed in the lower waterway at either end.



This is installed by pushing the cap firmly in the waterway until it locates against the barrel nipple and is retained in place by the bush. **The flow must enter this end first.**

6 Mark Brackets and hang radiator

1. For even weight distribution we suggest the brackets are placed one section in from each side. Hold up the back plates in position on the wall and mark through the screw holes. Ensure these are horizontally level using a spirit level, then check the positions against your radiator. If correct, using suitable drill bits and plugs, secure the back plates to the wall.



2. Insert the supplied screw into the hook, and screw in to the desired position. (This screw will control the height of which the hook sits on the bracket.)

3. Slide the bracket down the centre of the back plate which should be fixed to the wall.

4. Attach the top cover plate to the top of the bracket.

5. Lift the radiator and slide through onto the bracket hook. The hooks will sit underneath the collectors.

7 Commission

Please Note: 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.