

Technical Specifications

Materials	Cast Aluminium (Steel cover plate for Puzzle/Chequer)
Connections	½" flow and return.
Test pressure	6 Bar
Testing authority	EN442
Maximum operating pressure	4 Bar
Maximum working temperature	90°C
Packaging	Cardboard protection and shrink wrapped in polythene.

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.

Fittings Instructions

Includes new Aladdin
Autovent fittings
instructions

Automatic Radiator Bleed Valve



Matching
blanking plug
included if
required for
your radiator



Based on a sectional system, the Puzzle, Block and Chequer are made from cast aluminium and come in pre-assembled sizes.

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

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



Diagrams of Aluminium Blocks

Image A

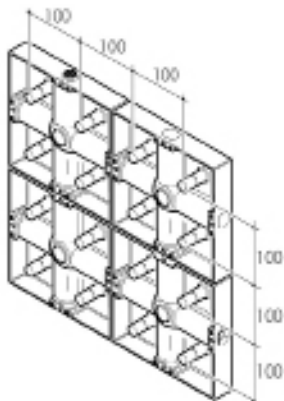
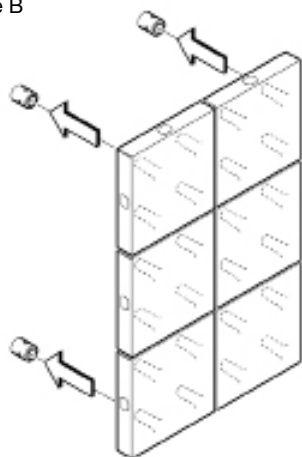


Image B



Pipe Centres

Pipe centres left to right = width - 200mm

Pipe centres from wall = 54mm

Depth from wall:

Block	=	70mm
Puzzle	=	74mm
Chequer	=	102mm

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 minimum 5-year no quibble guarantee for all radiators and towel rails.



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

You should have:

- 1 pre joined radiator
- Magnetic covers; Puzzle & Chequer
- 4 wall bracket sleeves & 8 grub screws
- Fittings screws
- Aladdin auto airvents
- 1 pair of valves

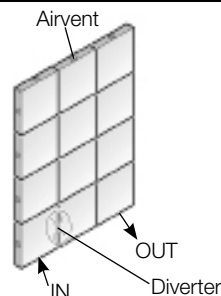
You will need:

- Tape measure
- Electric drill and bits
- Spirit level
- 3mm Allen key

Important Note

On all standard models the flow side of the radiator is the left and the return should be connected to the right (see image C opposite) a diverter has been fitted accordingly.

Image C

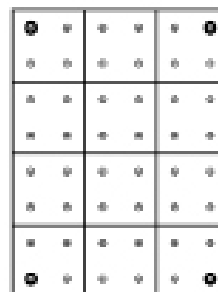


3 Mark Bracket Positions

The Block, Puzzle and Chequer use 4 bracket sleeves into which the 4 bracket legs, positioned at the 4 outside corners, fit into; see image D right.

For all brackets accurately measure 50mm in from the top and bottom and 50mm in from the sides.

Image D



4 Fix Brackets

Using a suitable drill bit, screws and plugs fix bracket sleeves in position and level with a spirit level. Ensure that the two screw holes for the grub screws are facing out and loosely insert the grub screws, see image E below.

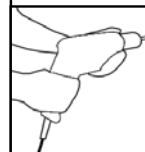
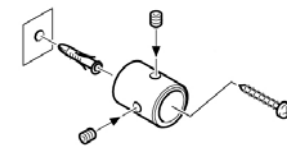


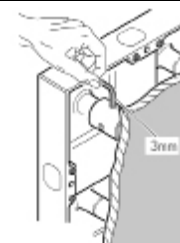
Image E



5 Hang Radiator

With the bracket sleeves firmly fixed and level, offer up the radiator and insert bracket legs into bracket sleeves, see image B opposite.

Image F



Using a 3mm allen key tighten the grub screws, see image F.

6 Fit Magnetic Cover Plates

The Puzzle and Chequer cover plates are made from steel and attach onto the magnetic discs on the radiator blocks. Simply place the panels and infill pieces in your preferred order.

Please note; the magnets are strong and care should be taken to avoid catching your fingers between the plates and the radiator block when attaching. Children should not be allowed to place covers on the radiator.

7 Installation of Autovent

- Each radiator has been supplied with auto airvents for each vertical column.
- Hand tighten then use a suitable spanner to tighten the valve a maximum of a further ¼ turn, **but do not over-tighten** as this may damage the paint finish and rubber o-ring.
- Although the o-ring provides sufficient seal and no tape or sealant is required, a small amount of PTFE tape must be used if preferred.
- When priming the radiator, air will bleed automatically until water reaches the valve when it will shut automatically.

After the first fill

- Dependant upon system temperature and pressure, it may take up to 48 hours for the valve to operate after the first fill.
- To drain down the radiator, once there is no internal pressure in the system, use a spanner to loosen the valve half a turn or so to allow air to enter the system.
- To refill after draining, either wait up to 6 hours for the valve to reset to automatic operation, or vent manually using a spanner.
- The valves have a guaranteed 3 year life after which, if the radiator collects air, replacements can be purchased from The Radiator Company.