

## Technical Specifications

<b>Materials</b>	Steel.
<b>Connections</b>	½" flow and return.
<b>Test pressure</b>	10 Bar
<b>Testing authority</b>	EN442
<b>Maximum operating pressure</b>	10 Bar
<b>Packaging</b>	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

#### Micro Autovent included



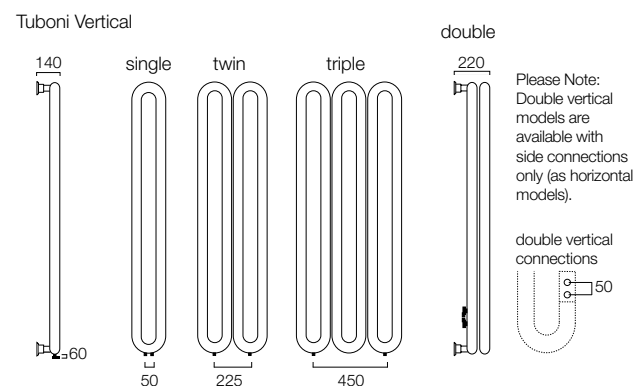
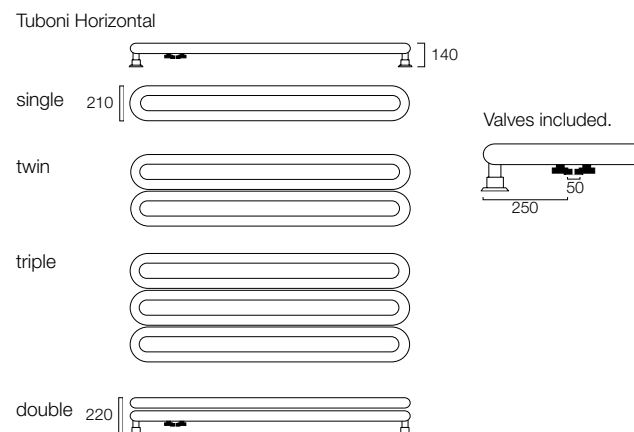
This continuous steel tube loop, comes in a variety of functional forms.

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 Tuboni



## Pipe Centres

### Tuboni Horizontal

Pipe centres left to right = 50mm

Depth from wall: single = 140mm, twin = 140mm  
triple = 140mm, double = 220mm

### Tuboni Vertical

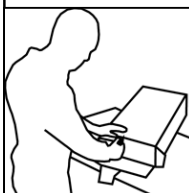
Pipe centres left to right = single = 50mm, twin = 225mm  
= triple = 450mm, double = 50mm

Allowance for inclusive valves = single = height + 60mm  
= twin = height + 60mm  
= triple = height + 60mm  
= double = N/A

Depth from wall = single = 140mm, twin = 140mm  
= triple = 140mm, double = 220mm

## 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 Radiator with inclusive valves
- 2 Wall brackets, 4 for twin & triple models
- 1 Aladdin Micro Autovent per tube

You will need:

- Tape measure
- Electric drill and bits
- Spirit level

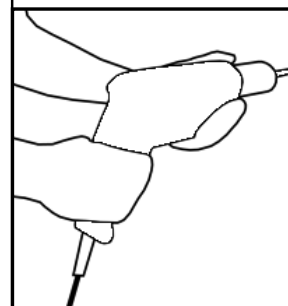
## 3 Mark Bracket Positions

To mark bracket positions, put the bracket sleeves in place, secure and hold the radiator against the wall and mark the top bracket fixing position (or two fixing positions if fitting twin or triple).

The bottom brackets are marked when the radiator is hung.

## 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 to ensure a vertical alignment for connecting the pipework.

## 5 Hang Radiator & Commission

With the brackets firmly fixed and level the radiator is simply pushed into the sleeves and securely fastened by all three grub screws in each bracket.

## 6 Installation of Autovent

- A micro valve should be fitted to all tube sections.
- Hand tighten then use a suitable spanner to tighten the valve a maximum of a ¼ further turn, but do not over-tighten as this may damage the threads.
- The 5 & 6mm threads seal on the cone tip, the 7mm seals using the rubber washer (provided), the 1/8" and 1/4" BSP threads seal using PTFE tape.
- 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.