



All dimensions shown are in millimetres

Test pressure: **5.2 BAR**
 Max working pressure: **4 BAR**
 Max working temperature: **95° C**
 All steel construction: **40mm x 30mm D-shaped outer frame**
70mm x 8mm inner tubes
 Connections: **½ inch BSP underside tappings**

Not suitable for use on domestic hot water system

Heat output determined in accordance with EN 442
 Test Laboratory: WSP-LAB, Test House No: 1428

* rating for simple immersion/CTEC or CTEW in Watts

Model	Height ± 2mm	Width ± 2mm	Finish	Pipe Centres ± 2mm	Output ΔT=50K		Output ΔT=30K		n	Weight kg	Water Content litres	Max. Immersion Rating*
					Watts	Btu	Watts	Btu				
RB-100-050	965	500	painted	50/456	398	1358	211	720	1.24	8.4	3.4	250
RB-130-050	1266	500	painted	50/456	509	1737	271	925	1.24	10.7	4.1	300
RB-160-050	1567	500	painted	50/456	621	2119	330	1126	1.23	13.1	4.8	400
RB-180-050	1823	500	painted	50/456	723	2467	383	1307	1.25	15.1	5.7	500
RBC-100-050	965	500	chrome	50/456	261	891	137	467	1.27	8.5	3.4	200
RBC-130-050	1266	500	chrome	50/456	327	1116	171	583	1.27	10.8	4.1	200
RBC-160-050	1567	500	chrome	50/456	393	1341	205	699	1.28	13.1	4.8	250
RBC-180-050	1823	500	chrome	50/456	461	1573	240	819	1.28	15.4	5.7	300

Issue 1.0



Tools & Material Required

Suitable valves
PTFE tape
Silicone thread sealant
Tape measure
Allen key - 13mm & 12mm (when installing Zehnder valves)
Spanner - 13mm & 14mm
Screwdriver - crosshead & flathead
Pliers
Electric drill
Masonry drill bit
Spirit level
Stepladder (for taller radiators)

Key	Component	Qty
A	Air Vent - 1/2"	1
B	Blanking Plug	2
C	Boss	4
D	Wall Plug	4
E	Bracket	4
F	Screw, 6mm dia x 50mm	4
G	Washer	4
H	Grub Screw	4
I	Allen Key	1

Assembly Instructions

Sufficient PTFE tape must be applied to valve-tail threads prior to their installation.
Silicone thread sealant should be applied to all threaded components manufactured with 'O-rings'.

- Fit valve tails, using correct size Allen key.
 - Fit air vent (A), blanking plugs (B).
 - Screw bosses (C) to studs on the back of the radiator.
 - Accurately mark out bracket holes on wall using spirit level.
 - Drill four holes to a minimum depth of 65mm & insert wall plugs (D).
 - Attach brackets (E) to wall with screws (F) & washers (G).
 - Hang radiator onto wall by inserting bosses (C) into brackets (E).
 - Tighten grub screws (H) with Allen key (I).
 - Plumb radiator to heating circuit with flow opposite air vent.
 - Air vent is recessed so flathead screwdriver must be used to vent radiator.
- This radiator should be installed onto a central heating system that has been cleaned/flushed and contains water treatment and inhibitors in accordance with BS7593.

