



All dimensions shown are in millimetres

Test pressure: **16.9 BAR**
 Max working pressure: **10 BAR**
 Max working temperature: **82° C**
 Construction: **internal - copper/aluminium honeycomb/graphite**
external - aluminium panels
 Connections: **½ inch BSP underside tapings**

Not suitable for use on domestic hot water system

Heat output determined in accordance with EN 442

Test Laboratory: WSP, Test Lab Registration No: 1428

Model	Height ± 2mm	Width ± 2mm	Finish	Pipe Centres ± 2mm	Output ΔT=50K		Output ΔT=30K		n	Weight kg	Water Content litres
					Watts	Btu	Watts	Btu			
FZB-120-042	1156	430	painted	50	399	1361	216	737	1.20	6.2	0.5
FZB-120-052	1156	530	painted	50	485	1655	263	897	1.20	8.0	0.6
FZB-150-042	1476	435	painted	50	504	1720	273	931	1.20	8.5	0.6
FZB-150-052	1476	535	painted	50	611	2085	331	1129	1.20	10.2	0.7
FZB-150-062	1476	635	painted	50	718	2450	389	1327	1.20	12.0	0.8
FZB-180-042	1796	441	painted	50	614	2095	333	1136	1.20	12.8	0.6
FZB-180-052	1796	540	painted	50	762	2600	412	1406	1.20	14.7	0.8
FZB-180-062	1796	640	painted	50	912	3112	491	1675	1.21	16.4	1.0
FZB-180-072	1796	740	painted	50	1064	3630	571	1948	1.22	18.1	1.2

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	Cover - Air Vent	1
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).
- Screw bosses (C) to fixings 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.
- Fit cover (B) to air vent (A)..

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.

