

All dimensions shown are in millimetres

Test pressure: **18 BAR**  
 Max working pressure: **12 BAR**  
 Max working temperature: **120° C**  
 All steel construction: **dia 25mm x 1.5mm tubes**  
 Connections: **½ inch BSP middle tapplings**

Heat output determined in accordance with EN 442  
 Test Laboratory: 1428WSP

Model	Height ± 2mm	Width ± 2mm	Finish	Output ΔT=50K		Output ΔT=30K		n	Weight kg	Water Content litres
				Watts	Btu	Watts	Btu			
ABZ-120-50	1230	525	painted	336	1146	180	614	1.22	4.6	2.3
ABZC-120-50	1230	525	chrome	233	795	123	420	1.25	4.6	2.3

Issue 1.0



## Tools & Material Required

Suitable valves  
PTFE tape  
Silicone thread sealant  
Tape measure  
Allen key - 13mm & 12mm (when installing Zehnder valves)  
Spanner - 17mm  
Screwdriver - large flathead  
Electric drill  
Masonry drill bit  
Spirit level  
Stepladder (for taller radiators)

Key	Component	Qty
A	Air Vent - 1/4"	1
B	Wall Plug	3
C	Bracket	3
D	Screw, 7mm dia x 70mm	3
E	Grub Screw	6
F	Allen Key - 3mm	1

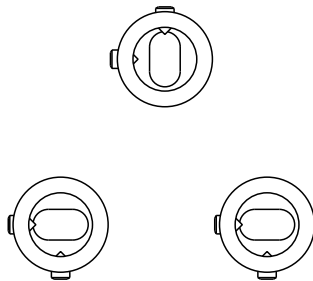


fig 1. bracket positions

## 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).

Accurately mark out bracket holes on wall using spirit level, to dimensions as shown on Technical Data Sheet.

Depending on radiator height, drill three holes to a minimum depth of 65mm & insert wall plugs (B).

Attach brackets (C) to wall with screws (D).

Position brackets (C) on wall with grub screw holes as shown in figure 1 for maximum rigidity before tightening screws (D).

Hang radiator onto brackets (C) by inserting lugs into brackets (C).

Tighten grub screws (E) with Allen key (F).

Plumb radiator to heating circuit with flow opposite air vent.

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.

