



All dimensions shown are in millimetres

- Test pressure: **5.2 BAR**
- Max working pressure: **4 BAR**
- Max working temperature: **90° C**
- All stainless steel construction: **30mm x 50mm x 1.2mm tubes**  
**30mm x 30mm x 1mm headers**
- Connections: **½ inch BSP underside tapplings**
- Heat output determined in accordance with EN 442

Model	Output ΔT=30K Watts	Output ΔT=50K Watts	n	Water Content litres	Weight kg	Height ± 2mm	Length ± 2mm	Tapping Centres ± 2mm	Fixing Centres ± 2mm
ALB-100-50	135	256	1.25	5.2	7.7	1000	500	50	760
ALB-140-50	171	332	1.30	7.2	10.3	1380	500	50	1140
ALB-180-50	221	417	1.24	9.1	12.4	1760	500	50	1520

## Tools & Material Required

Suitable valves  
 PTFE tape  
 Silicone thread sealant  
 Tape measure  
 Screwdriver - crosshead  
 Screwdriver - flathead  
 Electric drill  
 Masonry drill bit - 8mm diameter  
 Spirit level  
 Stepladder (for taller radiators)

Key	Component	Qty
A	Air Vent - 1/2"	2
B	Cover Cap	2
C	Wall Plug	4
D	Bracket	4
E	Screw - Rnd Head, 6mm dia x 50mm	4
F	Grub Screw	4
G	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 vents (A) & cover caps (B) to radiator.

Accurately mark out bracket holes on wall using spirit level.

Drill four 8mm diameter holes to a minimum depth of 60mm & insert wall plugs ©.

Screw brackets (D) into wall plugs (C) with 6mm diameter x 50mm screws (E).

Slide boss on radiator into bracket (D) and secure in position by tightening grub screw (F) with allen key (G).

Check the radiator is mounted perfectly vertical to minimise the risk of trapping air.

Plumb radiator to heating circuit with flow opposite air vent. Open both air vents (A) at the same time when bleeding radiator.

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.

