

All dimensions shown are in millimetres

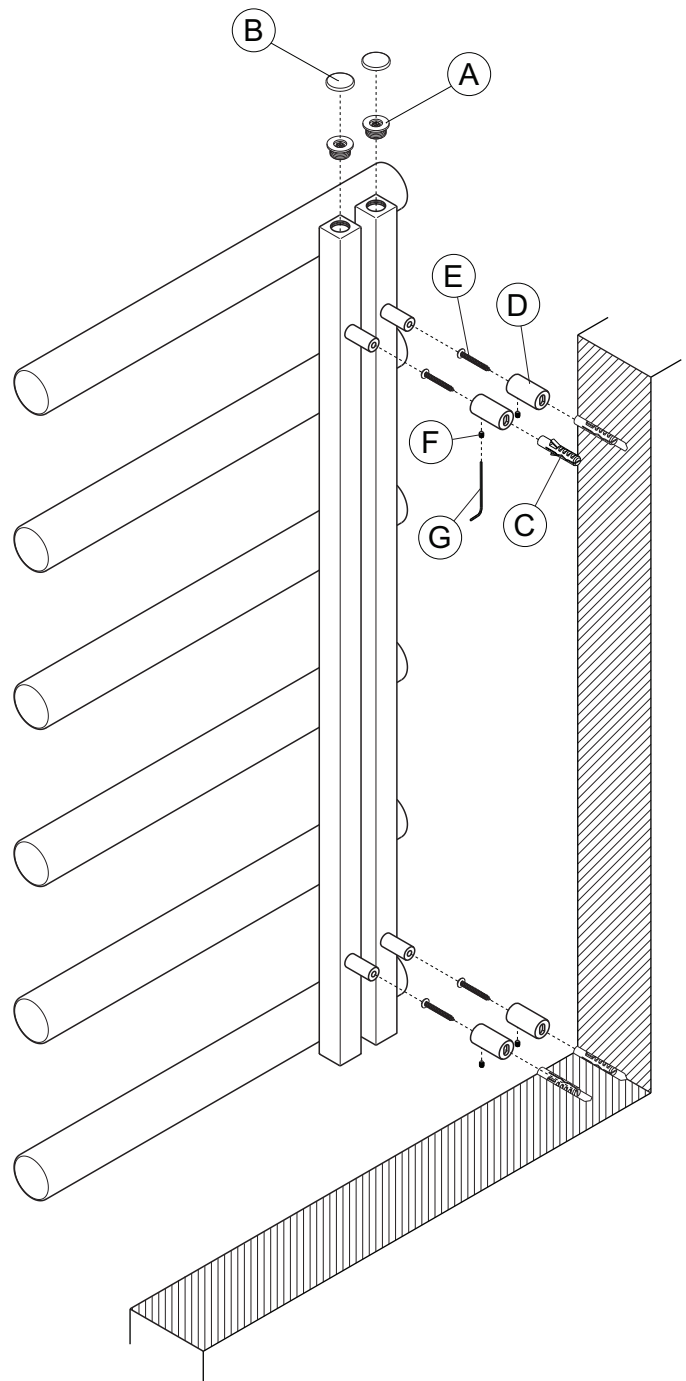
- Test pressure: **13 BAR**
- Max working pressure: **6 BAR**
- Max working temperature: **90° C**
- All stainless steel construction: **dia 51mm x 1.2mm tubes**
30mm sq x 1mm headers
- Connections: **½ inch BSP underside tappings**
- Heat output determined in accordance with EN 442

Model	Output $\Delta T=30K$ Watts	Output $\Delta T=50K$ Watts	n	Water Content litres	Weight kg	Height $\pm 2mm$	Length $\pm 2mm$	Tapping Centres $\pm 2mm$	Fixing Centres $\pm 2mm$
CHM-100-50	141	276	1.32	6.0	9.7	1000	500	50	760
CHM-140-50	204	377	1.20	6.7	12.0	1380	500	50	1140
CHM-180-50	234	438	1.23	8.2	15.0	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 (C).
- 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. Use both air vents (A) when bleeding the 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.