

All dimensions shown are in millimetres

Test pressure: **7.8 BAR**
 Max working pressure: **6 BAR**
 Max working temperature: **90° C**
 All stainless steel construction: **dia 51mm x 1.2mm tubes**
30mm x 30mm x 1.2mm headers
 Connections: **½ inch BSP underside tapings**

Heat output determined in accordance with EN 442
 Test Laboratory: BSRIA, Test Lab Registration No: 0480

Model	Height ± 2mm	Width ± 2mm	Finish	Output ΔT=50K		Output ΔT=30K		n	Weight kg	Water Content litres
				Watts	Btu	Watts	Btu			
CHZ-100-050	1000	500	brushed/painted	382	1303	204	696	1.32	9.7	6.0
CHZ-140-050	1380	500	brushed/painted	518	1767	272	928	1.20	11.8	6.7
CHZ-180-050	1760	500	brushed/painted	643	2194	341	1163	1.23	15.0	8.2
CHZ-100-050	1000	500	mirror/PVD	276	942	141	481	1.32	9.7	6.0
CHZ-140-050	1380	500	mirror/PVD	377	1286	204	696	1.20	11.8	6.7
CHZ-180-050	1760	500	mirror	438	1494	234	798	1.23	15.0	8.2

Issue 1.1



Tools & Material Required

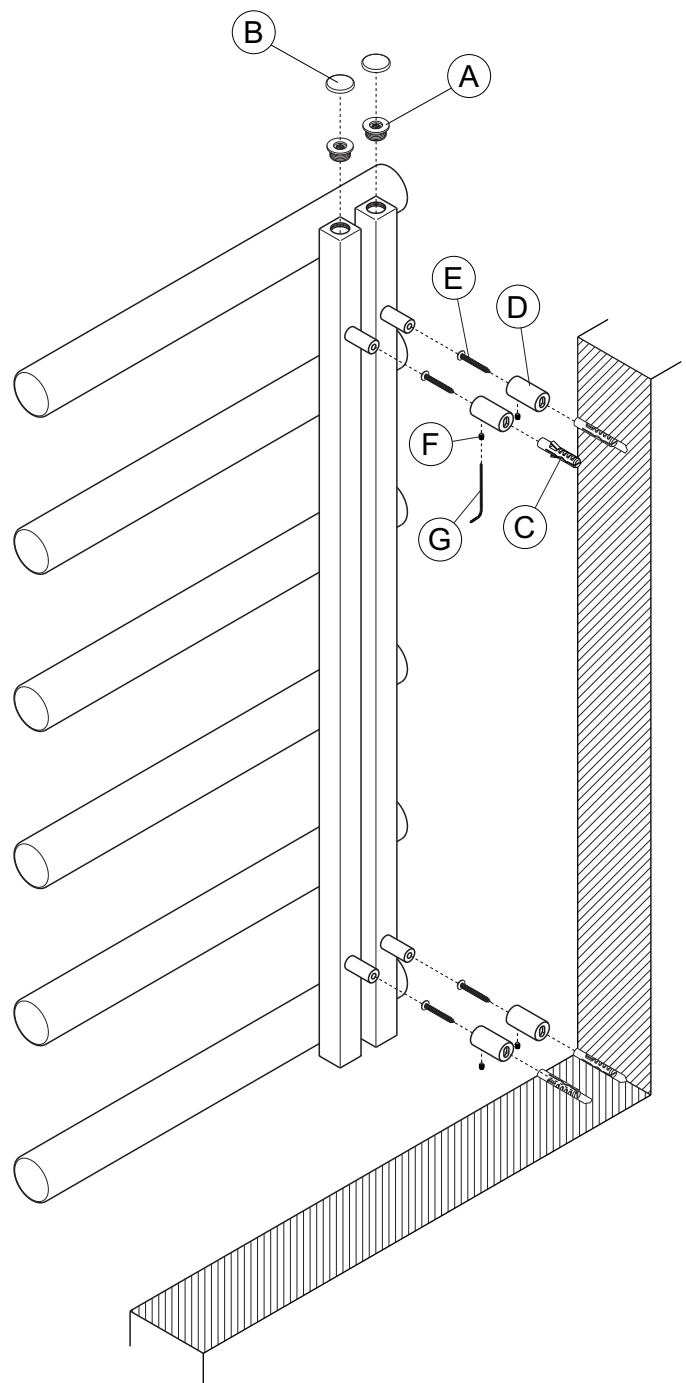
Suitable valves
 PTFE tape
 Silicone thread sealant
 Tape measure
 Allen key - 13mm & 12mm (when installing Zehnder valves)
 Spanner - 13mm & 14mm
 Screwdriver - crosshead & flathead
 Electric drill
 Masonry drill bit
 Spirit level
 Stepladder (for taller radiators)

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. 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.



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