



All dimensions shown are in millimetres

- Test pressure: **13 BAR**
- Max working pressure: **10 BAR**
- Max working temperature: **120° C**
- All steel construction: **30mm x 30mm outer frame**  
**25mm x 25mm horizontal tubes**
- 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-LAB, Test House No: 1428

\* rating for simple immersion/CTEC or CTEW in Watts

Model	Height ± 2mm	Width ± 2mm	Finish	Pipe Centres ± 2mm	Output ΔT=50K		Output ΔT=30K		n	Weight kg	Water Content litres	Max. Immersion Rating*
					Watts	Btu	Watts	Btu				
QS-075-045	803	450	painted	50/418	332	1133	177	605	1.23	7.5	3.7	200
QS-120-045	1251	450	painted	50/418	493	1682	262	894	1.24	10.3	5.4	300
QS-120-055	1251	550	painted	50/518	580	1979	308	1051	1.24	12.0	6.3	400
QS-150-045	1507	450	painted	50/418	588	2006	312	1065	1.24	11.9	6.5	400
QS-150-055	1507	550	painted	50/518	694	2368	368	1256	1.24	14.0	7.4	500
QS-180-055	1827	550	painted	50/518	851	2904	452	1542	1.24	16.9	9.2	600
QSC-075-045	803	450	chrome	50/418	206	703	108	368	1.27	7.1	3.7	150
QSC-120-045	1251	450	chrome	50/418	313	1068	163	556	1.28	9.8	5.4	200
QSC-120-055	1251	550	chrome	50/518	376	1283	197	672	1.27	11.6	6.3	250
QSC-150-045	1507	450	chrome	50/418	371	1266	192	655	1.29	11.3	6.5	250
QSC-150-055	1507	550	chrome	50/518	443	1512	230	785	1.29	13.4	7.4	300
QSC-180-055	1827	550	chrome	50/518	544	1856	283	966	1.28	16.1	9.2	400

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  
Electric drill  
Masonry drill bit  
Spirit level  
Stepladder (for taller radiators)

Key	Component	Qty
A	Air Vent - 1/2"	1
B	Air Vent Cover	1
C	Wall Plug	4
D	Bracket	4
E	Screw, 6mm dia x 50mm	4
F	Washer	4
G	Screw, Flange Head	4
H	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).

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 60mm screws (E) and washers (F).

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

Plumb radiator to heating circuit with flow opposite air vent.

Fit air vent 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.

