



All dimensions shown are in millimetres

Test pressure: **14.9 BAR**  
 Max working pressure: **11.5 BAR**  
 Max working temperature: **90° C**  
 All steel construction: **dia 23mm x 1mm tubes**  
**30x40mm D-shaped headers**  
 Connections: **½ inch BSP underside tapings**

For optional **Supplementary Heater** see separate sheet as fitting this will affect pipe centres. Please check before drilling.

**Not suitable for use on domestic hot water system**

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

Model	Height ± 2mm	Width ± 1.5%	Finish	Output ΔT=50K		Output ΔT=30K		n	Weight kg	Water Content litres
				Watts	Btu	Watts	Btu			
DEL-080-050	786	500	painted	379	1293	199	679	1.26	6.3	3.9
DEL-120-050	1226	500	painted	552	1883	288	983	1.27	9.4	5.7
DEL-180-050	1866	500	painted	830	2832	437	1491	1.26	14.2	8.7
DEL-080-060	786	600	painted	448	1529	235	802	1.26	7.4	4.6
DEL-120-060	1226	600	painted	648	2211	340	1160	1.26	10.8	6.6
DEL-180-060	1866	600	painted	978	3337	516	1761	1.25	16.3	9.9
DEL-080-050	786	500	chrome	277	945	145	495	1.28	6.3	3.9
DEL-120-050	1226	500	chrome	403	1375	210	717	1.29	9.4	5.7
DEL-180-050	1866	500	chrome	606	2068	319	1088	1.29	14.2	8.7
DEL-080-060	786	600	chrome	327	1116	172	587	1.27	7.4	4.6
DEL-120-060	1226	600	chrome	473	1614	248	846	1.28	10.8	6.6
DEL-180-060	1866	600	chrome	714	2436	377	1286	1.28	16.3	9.9

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

Key	Component	Qty
A	Air Vent - 1/2"	1
B	Blanking Plug	1
C	Boss	4
D	Wall Plug	4
E	Bracket	4
F	Screw, 6mm dia x 50mm	4
G	Washer	4
H	Grub Screw	4
I	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), blanking plug (B) & cover caps (J).
- Screw bosses (C) to studs on the back of the radiator.
- Accurately mark out bracket holes on wall using spirit level.
- Drill four holes to a minimum depth of 65mm & insert wall plugs (D).
- Attach brackets (E) to wall with screws (F) & washers (G).
- Hang radiator onto wall by inserting bosses (C) into brackets (E).
- Tighten grub screws (H) with Allen key (I).
- Plumb radiator to heating circuit with flow opposite air vent.
- 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.

