

All dimensions shown are in millimetres

Test pressure: **13 BAR**
 Max working pressure: **10 BAR**
 Max working temperature: **100° C**
 All steel construction: **dia 25mm x 1.2mm tubes**
dia 26mm x 1.5mm tubes
 Connections: **½ inch BSP underside tappings**

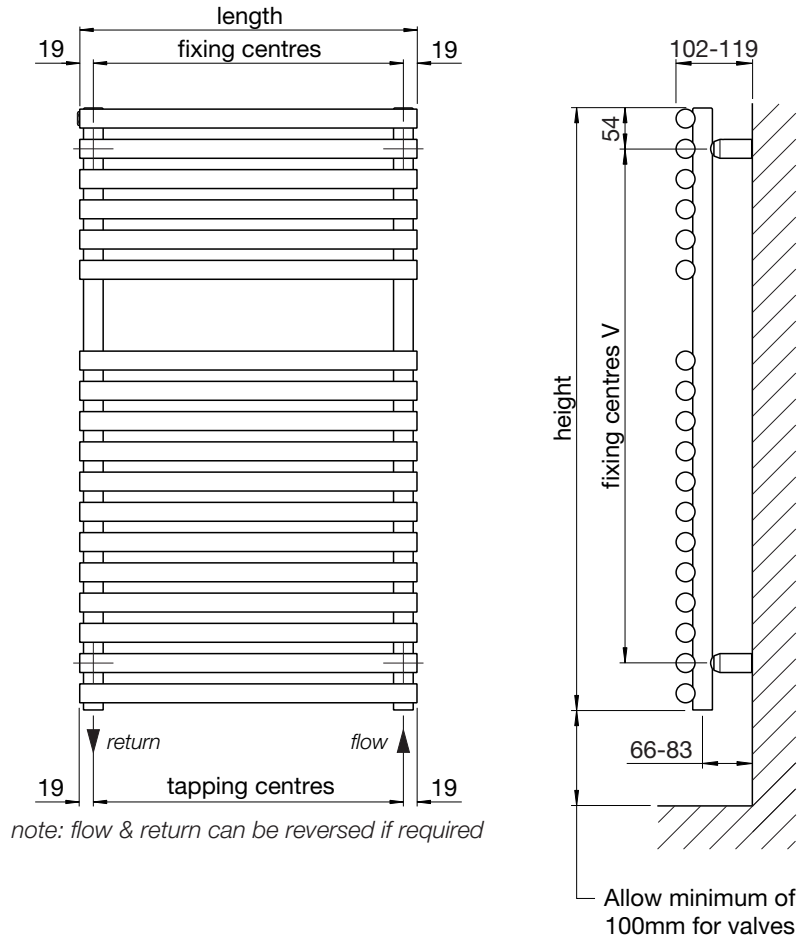
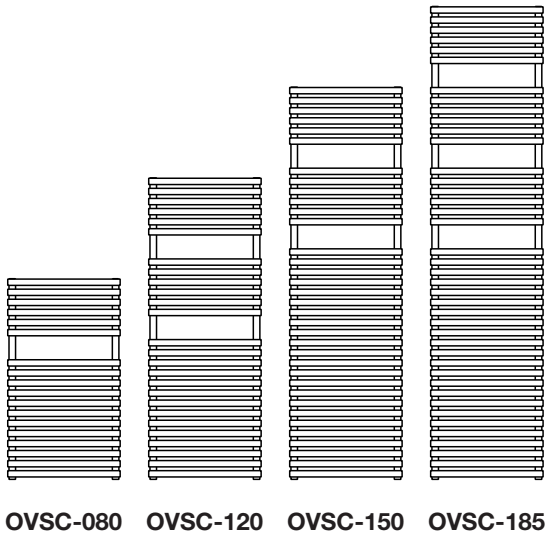
For optional **Supplementary Heater**
 see separate sheet as fitting this will
 affect pipe centres.
 Please check before drilling.

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

Model	Height ± 2mm	Width ± 2mm	Finish	Output ΔT=50K		Output ΔT=30K		n	Weight kg	Water Content litres
				Watts	Btu	Watts	Btu			
OVS-080-045	796	446	painted	379	1293	203	693	1.22	7.3	3.9
OVS-080-050	796	496	painted	417	1423	224	764	1.22	8.1	4.3
OVS-080-060	796	596	painted	492	1679	265	904	1.21	9.5	5.0
OVS-080-075	796	746	painted	601	2051	325	1109	1.20	11.6	6.0
OVS-120-045	1196	446	painted	554	1890	295	1007	1.23	11.1	5.6
OVS-120-050	1196	496	painted	609	2078	325	1109	1.23	12.0	6.1
OVS-120-060	1196	596	painted	718	2450	385	1314	1.22	13.9	7.2
OVS-120-075	1196	746	painted	878	2996	474	1617	1.21	16.8	8.8
OVS-150-045	1556	446	painted	713	2433	379	1293	1.24	14.7	7.6
OVS-150-050	1556	496	painted	784	2675	417	1423	1.24	16.0	8.2
OVS-150-060	1556	596	painted	924	3153	494	1686	1.23	18.6	9.6
OVS-185-050	1876	496	painted	943	3218	500	1706	1.24	19.1	9.7
OVS-185-060	1876	596	painted	1111	3791	592	2020	1.23	22.0	11.3

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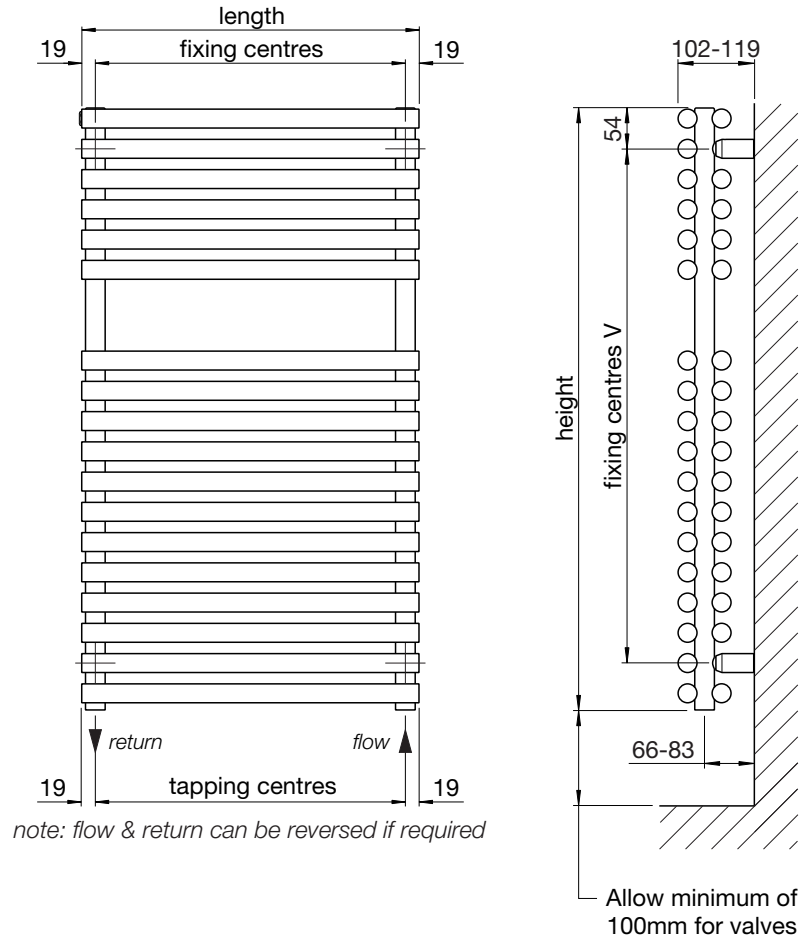
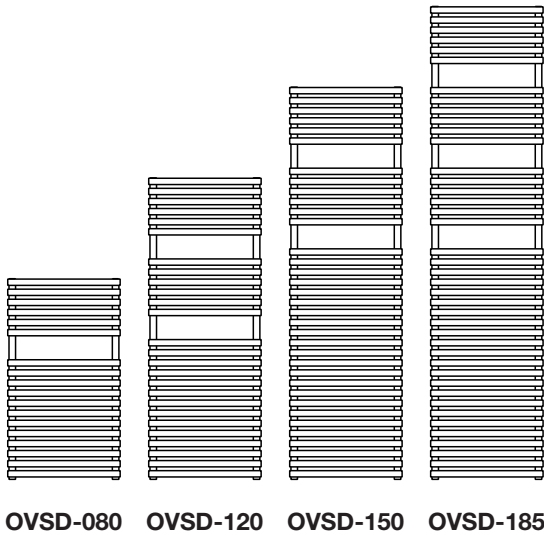
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				Watts	Btu	Watts	Btu			
OVSC-080-045	796	446	chrome	248	846	128	437	1.29	7.2	3.9
OVSC-080-050	796	496	chrome	273	931	141	481	1.29	7.9	4.3
OVSC-080-060	796	596	chrome	322	1099	167	570	1.29	9.3	5.0
OVSC-080-075	796	746	chrome	394	1344	204	696	1.29	11.4	6.0
OVSC-120-045	1196	446	chrome	366	1249	190	648	1.28	10.7	5.6
OVSC-120-050	1196	496	chrome	402	1372	209	713	1.28	11.7	6.1
OVSC-120-060	1196	596	chrome	475	1621	248	846	1.27	13.6	7.2
OVSC-120-075	1196	746	chrome	581	1982	304	1037	1.27	16.5	8.8
OVSC-150-045	1556	446	chrome	475	1621	244	833	1.31	14.5	7.6
OVSC-150-050	1556	496	chrome	523	1784	269	918	1.30	15.8	8.2
OVSC-150-060	1556	596	chrome	617	2105	318	1085	1.30	18.4	9.6
OVSC-185-050	1876	496	chrome	635	2167	330	1126	1.28	18.7	9.7
OVSC-185-060	1876	596	chrome	749	2556	390	1331	1.28	21.6	11.3



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Model	Height ± 2mm	Width ± 2mm	Finish	Output ΔT=50K		Output ΔT=30K		n	Weight kg	Water Content litres
				Watts	Btu	Watts	Btu			
OVSD-080-045	796	446	painted	509	1737	268	914	1.26	13.1	6.6
OVSD-080-050	796	496	painted	566	1931	299	1020	1.25	14.3	7.3
OVSD-080-060	796	596	painted	681	2324	363	1239	1.23	16.9	8.7
OVSD-080-075	796	746	painted	853	2910	462	1576	1.20	20.7	10.7
OVSD-120-045	1196	446	painted	745	2542	389	1327	1.27	19.2	9.8
OVSD-120-050	1196	496	painted	829	2829	436	1488	1.26	21.1	10.8
OVSD-120-060	1196	596	painted	996	3398	530	1808	1.24	24.8	12.8
OVSD-120-075	1196	746	painted	1248	4258	676	2307	1.20	30.3	15.8
OVSD-150-045	1556	446	painted	954	3255	499	1703	1.27	26.0	13.2
OVSD-150-050	1556	496	painted	1061	3620	560	1911	1.25	28.5	14.6
OVSD-150-060	1556	596	painted	1276	4354	686	2341	1.22	33.5	17.3
OVSD-185-050	1876	496	painted	1264	4313	666	2272	1.25	33.5	17.2
OVSD-185-060	1876	596	painted	1522	5193	819	2794	1.21	39.5	20.4

Issue 1.0



Tools & Material Required

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

Key	Component	Qty
A	Bracket Post	4
B	Spacer	4
C	Air Vent - 1/8"	1
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
J	Air Vent 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'.

Screw bracket posts (A) & spacers (B) onto studs on the rear of the radiator.

Fit valve tails, using correct size Allen key.

Fit air vent (C).

Accurately mark out bracket holes on wall using spirit level.

Drill four 8mm diameter holes to a minimum depth of 65mm & insert wall plugs (D).

Screw brackets (E) into wall plugs (D) with screws (F) & washers (G).

Slide bracket post (A) on radiator into bracket (E) and secure in position by tightening grub screw (H) with allen key (I).

Plumb radiator to heating circuit with flow opposite air vent.

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.

