Zehnder Vitalo Bar

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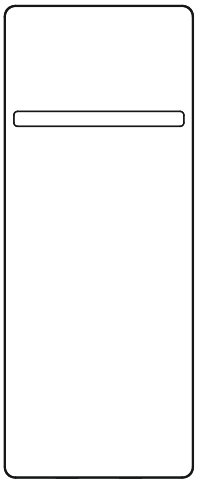
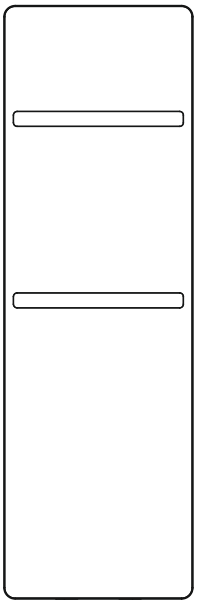
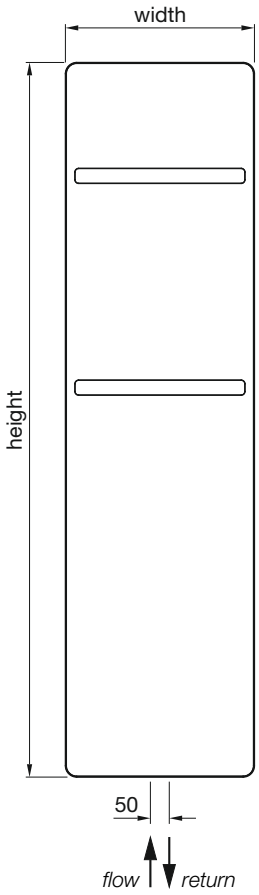


VIP-125

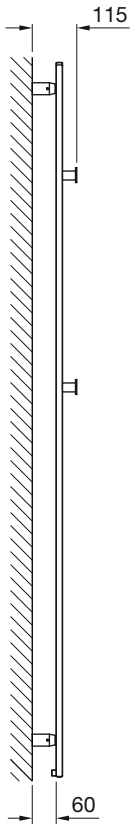


VIP-160



flow & return can be reversed

VIP-190



All dimensions shown are in millimetres

Test pressure:	**13 BAR**
Max working pressure:	**10 BAR**
Max working temperature:	**80º C**
Construction::	**internal - copper/aluminium honeycomb/graphite** **external - aluminium panels**
Connections:	**½ inch BSP underside tappings**

Heat output determined in accordance with EN 442
Test Laboratory: WSP-LAB, Test House No: 1428

Model	**Height** *± 2mm*	**Width** *± 2mm*	**Finish**	**Pipe Centres** *± 2mm*	**Output ΔT=50K** *Watts*	*Btu*	**Output ΔT=30K** *Watts*	*Btu*	**n**	**Weight** *kg*	**Water Content** *litres*
VIP-125-040	1250	400	painted	50	465	1587	249	850	1.22	7.0	0.7
VIP-125-050	1250	500	painted	50	555	1894	298	1017	1.22	8.7	0.8
VIP-125-060	1250	600	painted	50	641	2187	345	1177	1.21	10.5	0.9
VIP-160-040	1570	400	painted	50	546	1863	296	1010	1.20	9.3	0.7
VIP-160-050	1570	500	painted	50	676	2307	364	1242	1.21	11.4	0.9
VIP-160-060	1570	600	painted	50	806	2750	434	1481	1.21	13.6	1.0
VIP-190-040	1890	400	painted	50	673	2296	363	1239	1.21	10.9	0.9
VIP-190-050	1890	500	painted	50	834	2846	450	1535	1.21	12.7	1.1
VIP-190-050	1890	600	painted	50	994	3392	536	1829	1.21	14.6	1.3

Issue 1.0

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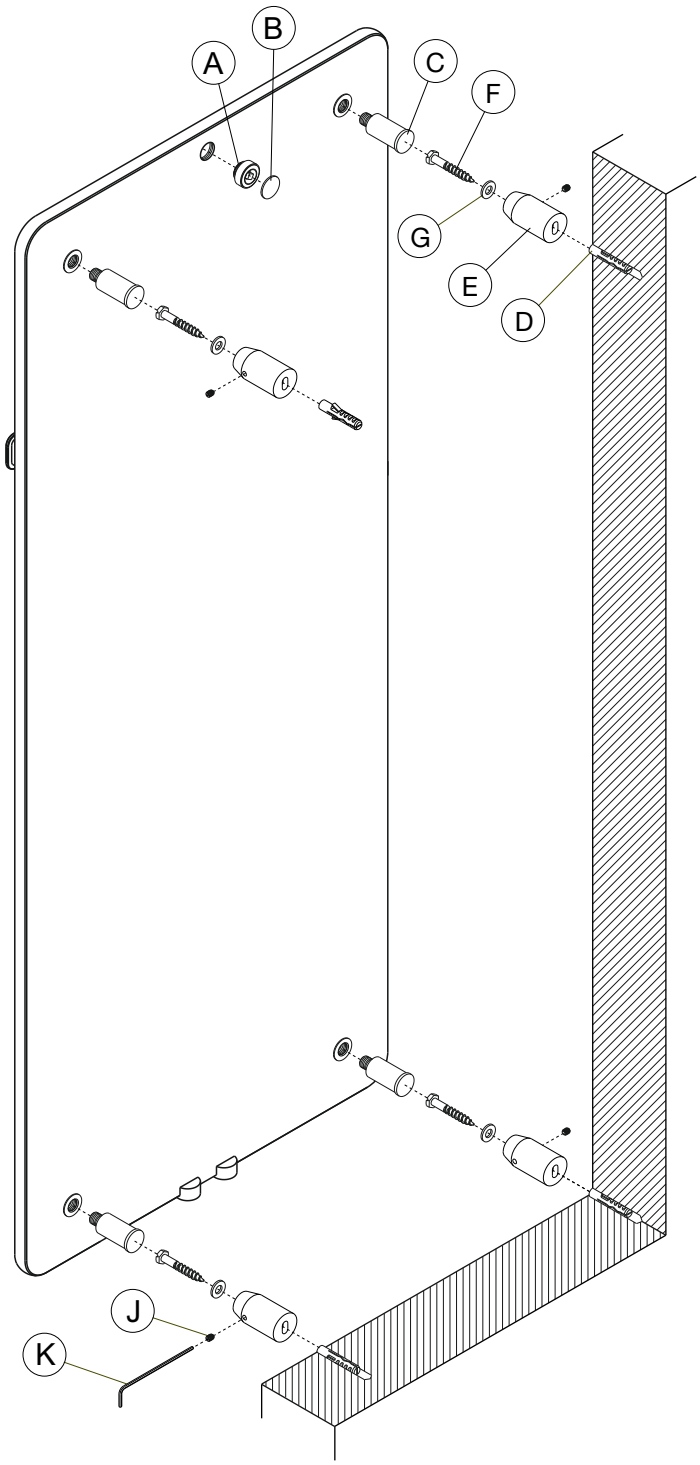
Tools & Material Required

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	Cover - Air Vent	**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).

Screw bosses (C) to fixings 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.

Fit 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.

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