Zehnder Metropolitan Spa

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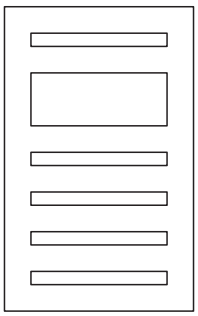
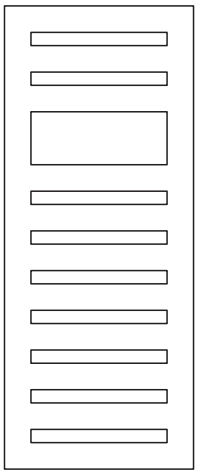
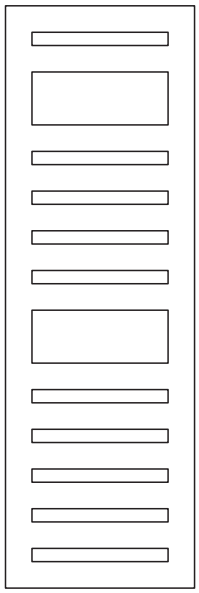


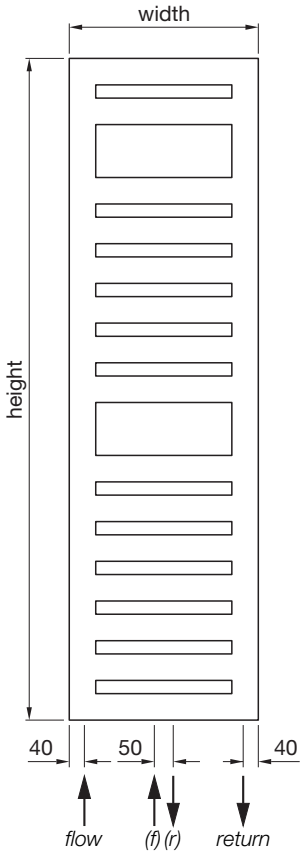
MET-080



MET-120

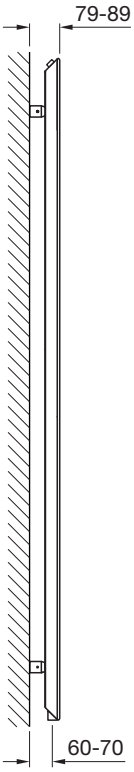


MET-150



flow & return can be reversed

MET-180



All dimensions shown are in millimetres

Test pressure: **6.8 BAR**
Max working pressure: **4 BAR**
Max working temperature: **110° C**
All steel construction: **70mm x 39mm triangular tube frame**
70mm x 8mm flat tubes
Connections: **½ inch BSP underside tappings**

Not suitable for use on domestic hot water system

Heat output determined in accordance with EN 442
Test Laboratory: HLK Stuttgart, Test Lab No: 0626

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

Model	Height ± 2mm	Width ± 2mm	Finish	Pipe Centres ± 2mm	Output ΔT=50K Watts	Output ΔT=50K Btu	Output ΔT=30K Watts	Output ΔT=30K Btu	n	Weight kg	Water Content litres	Max. Immersion Rating*
MET-080-040	805	400	painted	50/320	327	1116	173	590	1.25	6.5	3.5	200
MET-080-050	805	500	painted	50/420	388	1324	204	696	1.26	7.8	4.0	250
MET-080-060	805	600	painted	50/520	445	1518	233	795	1.27	9.1	4.4	300
MET-120-040	1225	400	painted	50/320	474	1617	249	850	1.26	9.8	4.9	300
MET-120-050	1225	500	painted	50/420	561	1914	295	1007	1.26	11.7	5.5	400
MET-120-060	1225	600	painted	50/520	645	2201	337	1150	1.27	13.5	6.1	400
MET-150-040	1540	400	painted	50320	582	1986	306	1044	1.26	11.5	5.5	400
MET-150-050	1540	500	painted	50/420	690	2354	361	1232	1.27	13.5	6.2	400
MET-180-050	1750	500	painted	50/420	775	2644	407	1389	1.26	16.3	7.6	500
MET-180-060	1750	600	painted	50/520	889	3033	465	1587	1.27	19.0	8.5	600

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

Key	Component	Qty
A	Air Vent - 1/2”	**1**
B	Boss	**4**
C	Wall Plug	**4**
D	Bracket	**4**
E	Screw, 6mm dia x 50mm	**4**
F	Washer	**4**
G	Grub Screw	**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).

Screw bosses (B) 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 (C).

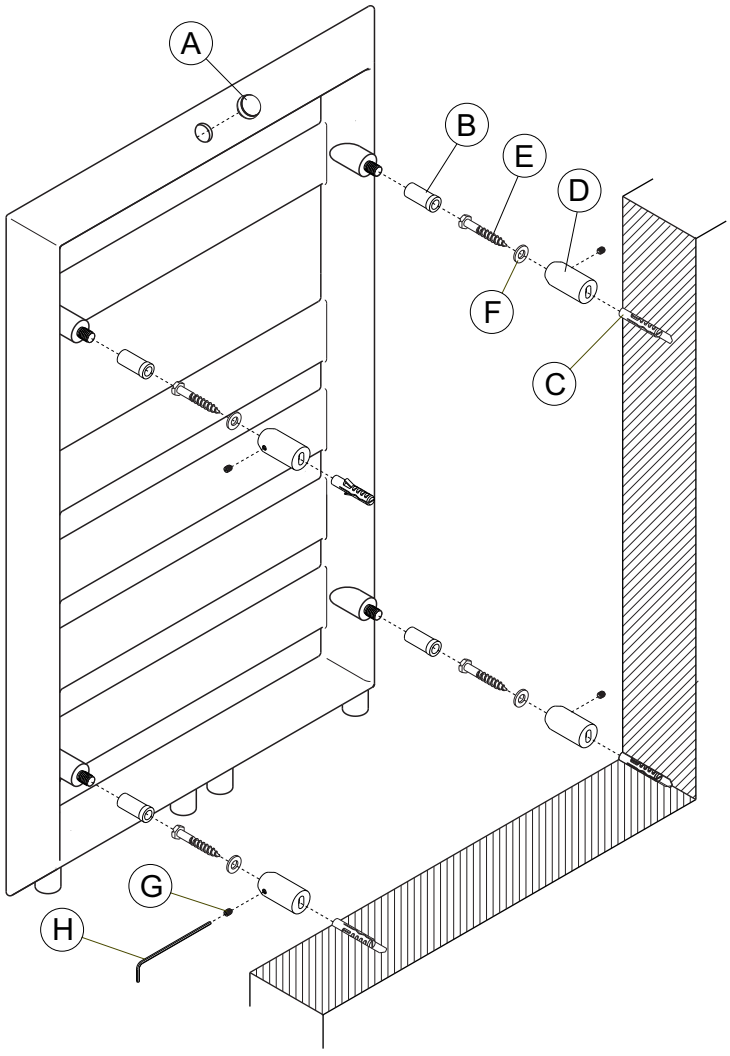
Attach brackets (D) to wall with screws (E) & washers (F).

Hang radiator onto wall by inserting bosses (B) into brackets (D).

Tighten grub screws (G) with Allen key (H).

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.



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