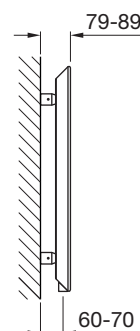
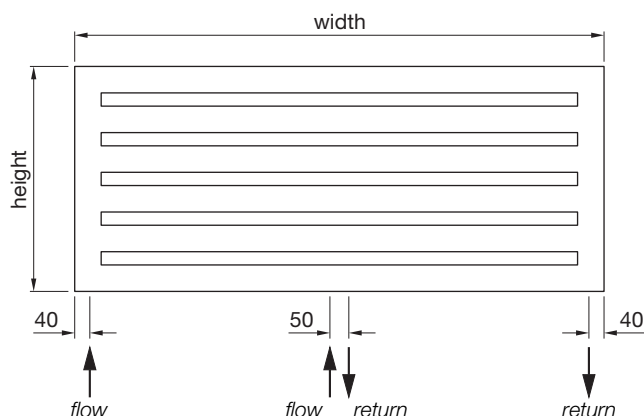


Zehnder Metropolitan - horizontal

always the
best climate

zehnder



(flow & return can be reversed)

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 tapings**

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

Model	Height ± 2mm	Width ± 2mm	Finish	Pipe Centres ± 2mm	Output ΔT=50K		Output ΔT=30K		n	Weight kg	Water Content litres
					Watts	Btu	Watts	Btu			
MEH-030-140	280	1400	painted	50/1320	360	1228	186	635	1.29	8.3	4.6
MEH-040-140	385	1400	painted	50/1320	474	1617	243	829	1.31	10.3	5.3
MEH-040-160	385	1600	painted	50/1520	542	1849	278	949	1.31	11.7	6.0
MEH-040-180	385	1800	painted	50/1720	610	2081	312	1065	1.31	13.1	6.6
MEH-040-200	385	2000	painted	50/1920	677	2310	347	1184	1.31	14.5	7.3
MEH-050-140	490	1400	painted	50/1320	585	1996	300	1024	1.31	12.8	6.0
MEH-050-160	490	1600	painted	50/1520	669	2283	343	1170	1.31	14.6	6.7
MEH-050-180	490	1800	painted	50/1720	753	2569	386	1317	1.31	16.3	7.5
MEH-050-200	490	2000	painted	50/1920	836	2852	428	1460	1.31	18.1	8.2
MEH-060-090	595	900	painted	50/820	447	1525	230	785	1.30	10.1	4.7
MEH-060-140	595	1400	painted	50/1320	695	2371	358	1221	1.30	15.3	6.7
MEH-060-160	595	1600	painted	50/1520	794	2709	409	1396	1.30	17.4	7.5
MEH-060-180	595	1800	painted	50/1720	894	3050	460	1570	1.30	19.5	8.3
MEH-060-200	595	2000	painted	50/1920	993	3388	511	1744	1.30	21.6	9.1
MEH-070-090	700	900	painted	50/820	517	1764	266	908	1.30	11.8	5.2
MEH-070-140	700	1400	painted	50/1320	804	2743	414	1413	1.30	17.9	7.4
MEH-070-160	700	1600	painted	50/1520	919	3136	473	1614	1.30	20.3	8.3
MEH-070-180	700	1800	painted	50/1720	1034	3528	532	1815	1.30	22.7	9.1
MEH-070-200	700	2000	painted	50/1920	1148	3917	591	2016	1.30	25.1	10.0
MEH-080-040	805	400	painted	50/320	323	1102	167	570	1.29	6.8	3.5
MEH-080-050	805	500	painted	50/420	387	1320	200	682	1.29	8.2	4.0
MEH-080-060	805	600	painted	50/520	449	1532	232	792	1.29	9.7	4.4
MEH-120-040	1225	400	painted	50/320	469	1600	244	833	1.28	10.3	4.9
MEH-120-050	1225	500	painted	50/420	563	1921	293	1000	1.28	12.4	5.5
MEH-120-060	1225	600	painted	50/520	653	2228	340	1160	1.28	14.5	6.1
MEH-150-040	1540	400	painted	50/320	582	1986	312	1065	1.22	12.0	5.5
MEH-150-050	1540	500	painted	50/420	730	2491	389	1327	1.23	14.4	6.2
MEH-150-060	1540	600	painted	50/520	871	2972	465	1587	1.23	16.8	7.0
MEH-180-040	1750	400	painted	50/320	663	2262	343	1170	1.29	14.4	6.7
MEH-180-050	1750	500	painted	50/420	795	2713	411	1402	1.29	17.4	7.6
MEH-180-060	1750	600	painted	50/520	922	3146	477	1628	1.29	20.4	8.5

Issue 1.0



Zehnder Group UK Ltd

Concept House
 Watchmoor Point
 Camberley
 Surrey GU15 3AD

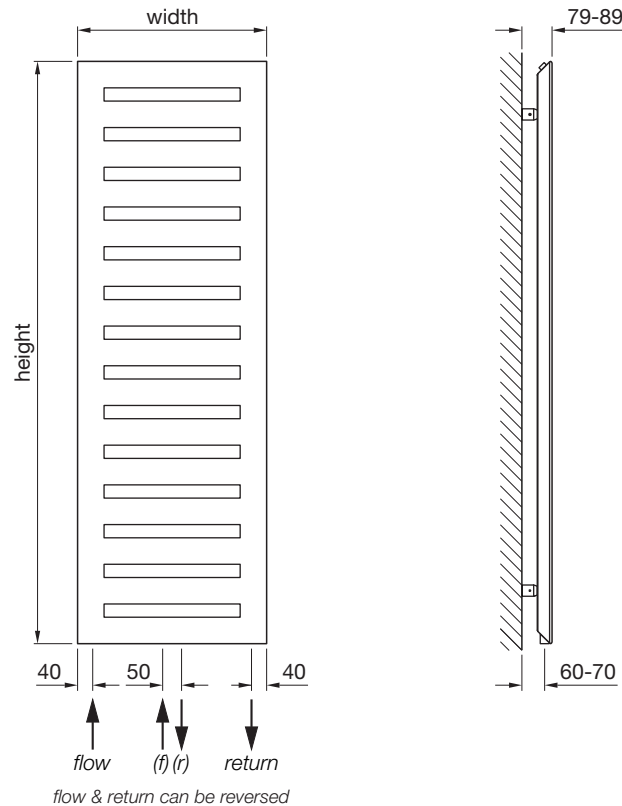
Tel: 01276 605800
 Fax: 01276 24058
 retailsales@zehnder.co.uk
 www.zehnder.co.uk

Registered in England: 2296696

Zehnder Metropolitan - vertical

always the
best climate

zehnder



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

Model	Height ± 2mm	Width ± 2mm	Finish	Pipe Centres ± 2mm	Output ΔT=50K		Output ΔT=30K		n	Weight kg	Water Content litres
					Watts	Btu	Watts	Btu			
MEV-150-030	1500	280	painted	50/200	405	1382	214	730	1.25	9.5	4.9
MEV-150-040	1500	385	painted	50/305	533	1819	281	959	1.25	12.3	5.6
MEV-150-050	1500	490	painted	50/410	655	2235	346	1181	1.25	15.1	6.4
MEV-150-060	1500	595	painted	50/515	773	2637	408	1392	1.25	17.9	7.1
MEV-180-030	1800	280	painted	50/200	490	1672	256	873	1.27	11.3	5.8
MEV-180-040	1800	385	painted	50/305	643	2194	336	1146	1.27	14.6	6.6
MEV-180-050	1800	490	painted	50/410	791	2699	413	1409	1.27	17.9	7.5
MEV-180-060	1800	595	painted	50/515	934	3187	491	1675	1.26	21.3	8.3
MEV-200-030	2000	280	painted	50/200	544	1856	286	976	1.26	12.5	6.4
MEV-200-040	2000	385	painted	50/305	714	2436	375	1280	1.26	16.1	7.3
MEV-200-050	2000	490	painted	50/410	878	2996	461	1573	1.26	19.8	8.2
MEV-200-060	2000	595	painted	50/515	1037	3538	545	1860	1.26	23.5	9.1

Issue 1.0



Zehnder Group UK Ltd

Concept House
 Watchmoor Point
 Camberley
 Surrey GU15 3AD

Tel: 01276 605800
 Fax: 01276 24058
 retailsales@zehnder.co.uk
 www.zehnder.co.uk

Registered in England: 2296696

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).

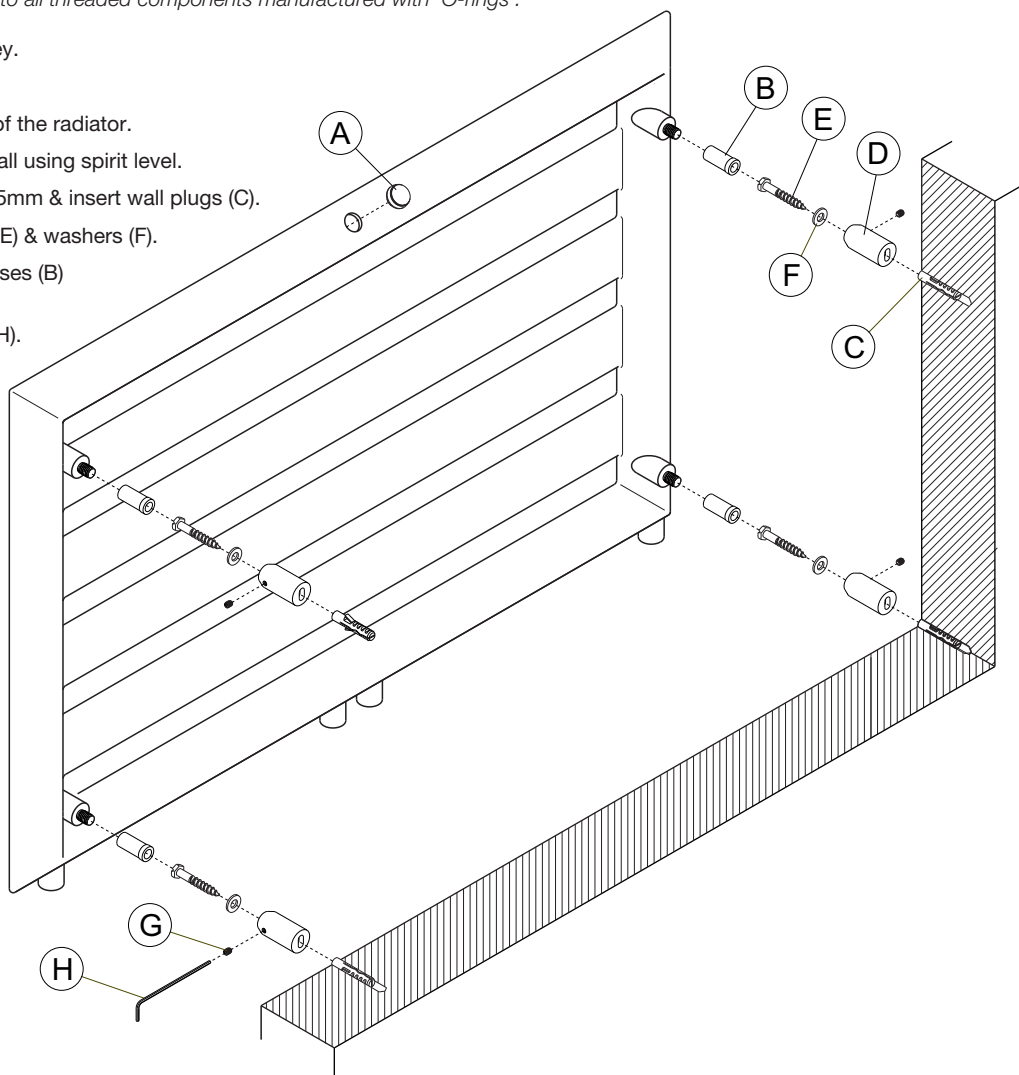
Attach brackets (D) to wall with screws (E) & washers (F).

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.



Issue 1.0

Zehnder Metropolitan - vertical

always the
best climate

zehnder

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)

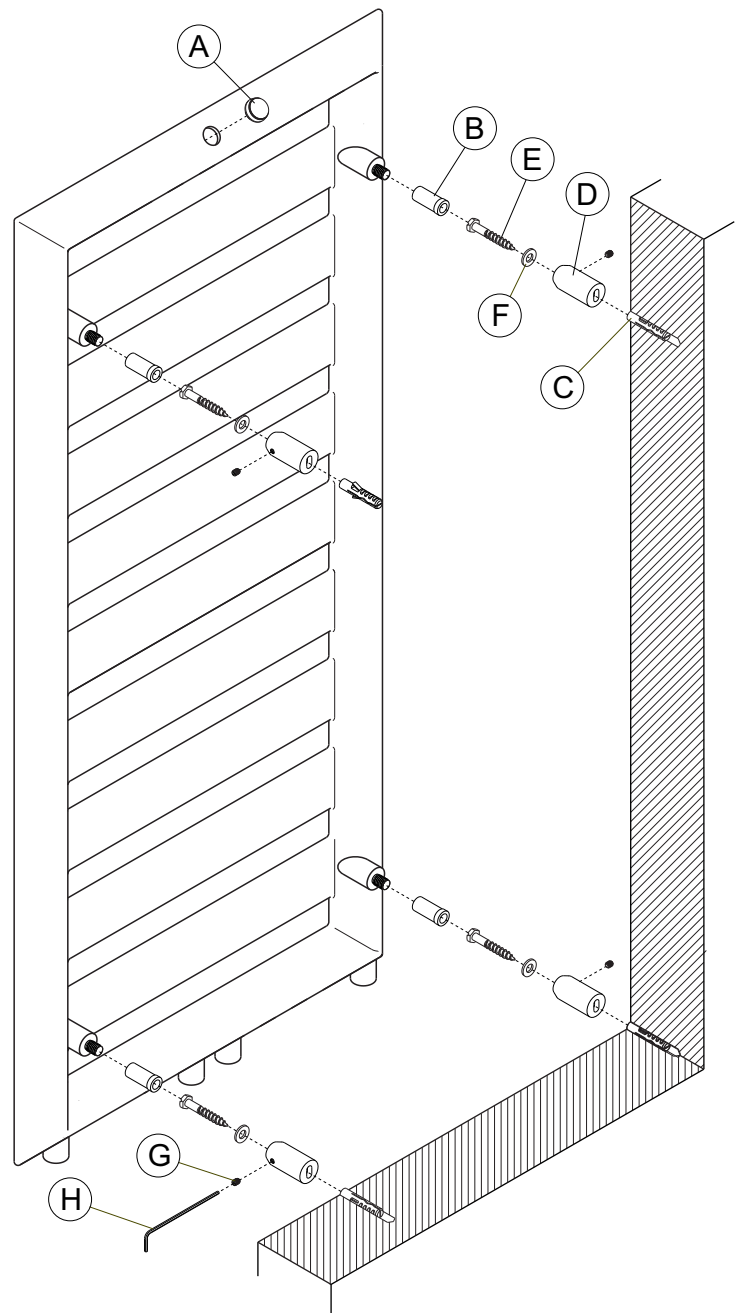
Key	Component	Qty
A	Air Vent - 1/2"	1
B	Boss	4
C	Wall Plug	4
D	Bracket	4
E	Screw, 6mm dia x 50mm	4
F	Washer	4
G	Grub Screw	4
H	Allen Key	1

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.



Issue 1.0



Zehnder Group UK Ltd

Concept House
Watchmoor Point
Camberley
Surrey GU15 3AD

Tel: 01276 605800
Fax: 01276 24058
retailsales@zehnder.co.uk
www.zehnder.co.uk

Registered in England: 2296696