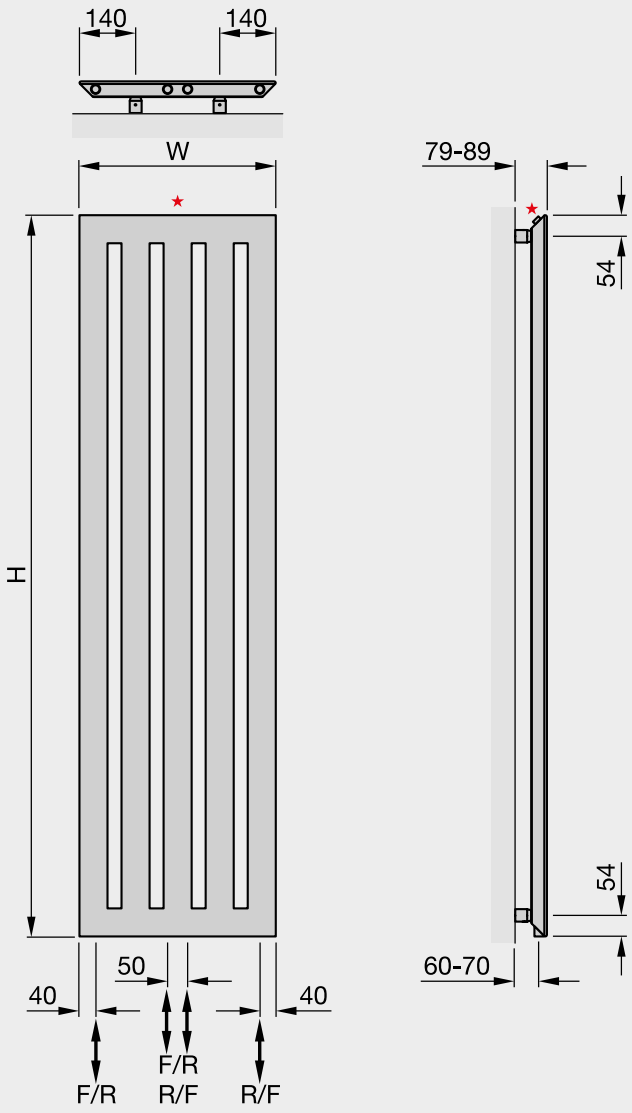
Zehnder
Metropolitan

Stocked Items

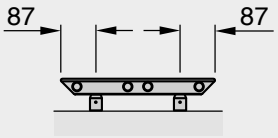
In stock items highlighted in black	Height mm	Width mm	No. of tubes	Finish	Output ΔT=50°C Watts/btu All outputs certified to EN 442	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Metropolitan vertical tubes							
MEV-150-030	1500	280	3	white*	405/1382	£460	£552.00
MEV-150-040	1500	385	4	white*	533/1819	£522	£626.40
MEV-150-050	1500	490	5	white*	655/2235	£583	£699.60
MEV-150-060	1500	595	6	white*	773/2637	£645	£774.00
MEV-180-030	1800	280	3	white*	490/1672	£500	£600.00
MEV-180-040	1800	385	4	white*	643/2194	£574	£688.80
MEV-180-050	1800	490	5	white*	791/2699	£646	£775.20
MEV-180-060	1800	595	6	white*	934/3187	£720	£864.00
MEV-200-030	2000	280	3	white*	544/1856	£528	£633.60
MEV-200-040	2000	385	4	white*	714/2436	£608	£729.60
MEV-200-050	2000	490	5	white*	878/2996	£689	£826.80
MEV-200-060	2000	595	6	white*	1037/3538	£769	£922.80

*White (RAL 9016)

Colour finish: Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%.
Colour finish and non-stock products delivery: 3–5 weeks.



MEV



Bracket centres for 030 & 040 widths

*1/2" air vent
Frame: 70mm x 39mm triangular tubes
Flat tubes: 70mm x 8mm
F = flow
R = return
H = height
W = width
All dimensions in mm

Zehnder recommends:

Valve set 10
for horizontal pipes from the wall

Valve set 37
for horizontal pipes from the floor

Valve set 11
for vertical pipes from the wall

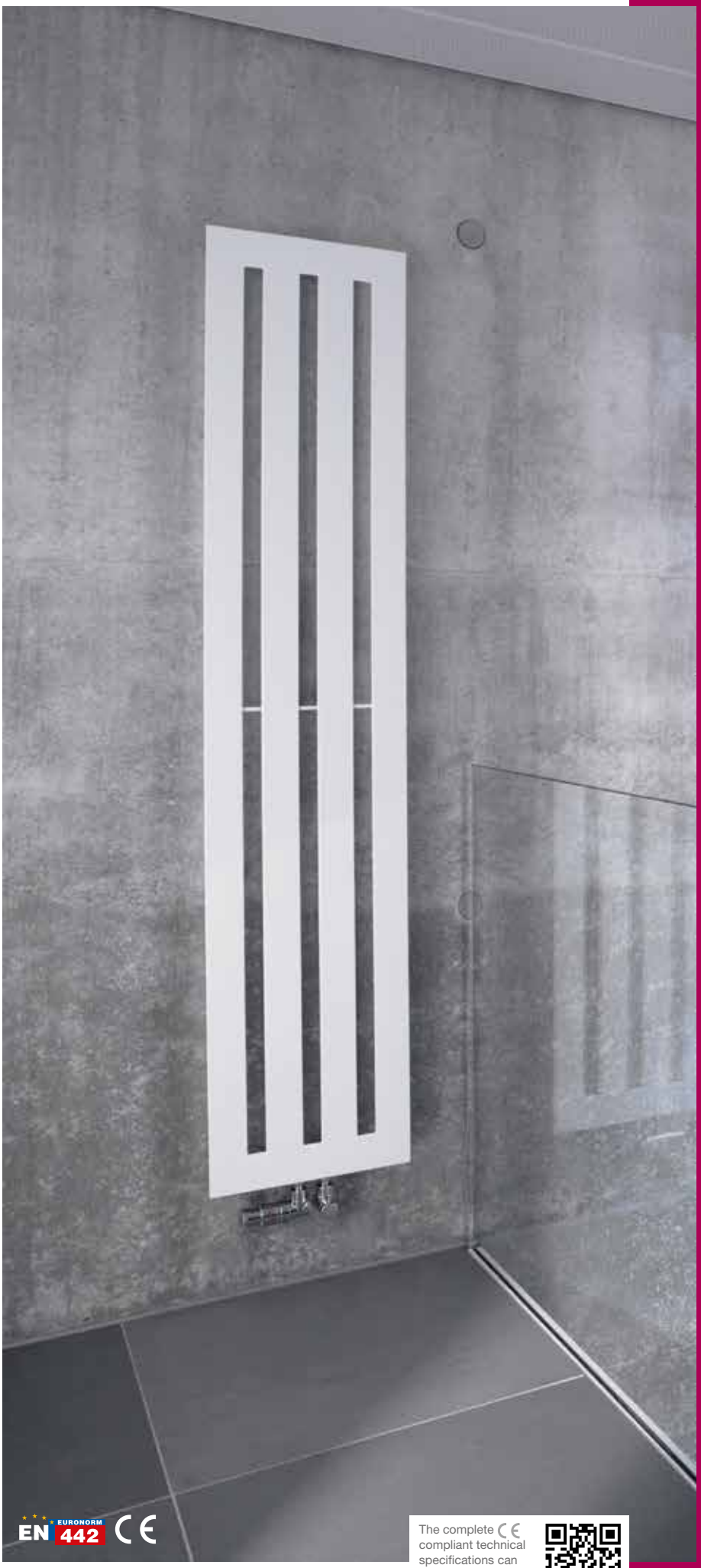
Valve set 36
for vertical pipes from the floor

Zehnder recommends VALVE-SET-10-CR for horizontal pipes from the wall.
For more information see page 182.

The **Metropolitan** has a contemporary, minimalist appearance. Designed in Italy by the award-winning King & Miranda, the Metropolitan has beautiful clean lines creating a geometric shape with stylish sloping edges.

Scan here to watch the innovative hybrid welding process for each and every Metropolitan.

MEV-180-030 WHITE ALUMINIUM 9006



MEV-180-040 TRAFFIC WHITE 9016

The complete CE compliant technical specifications can be viewed by scanning here.

Zehnder
Metropolitan

Stocked Items

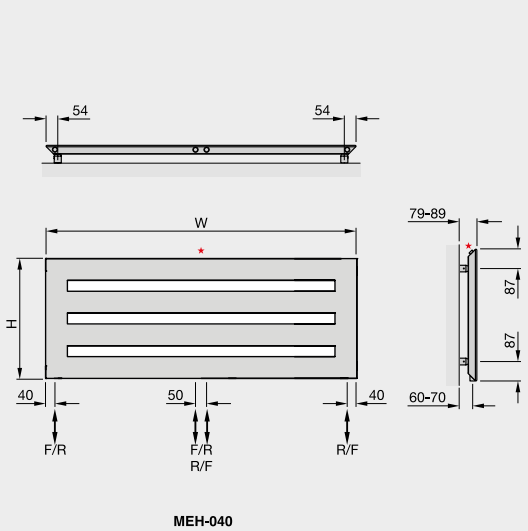
In stock items highlighted in black	Height mm	Width mm	No. of tubes	Finish	Output ΔT=50°C Watts/btu All outputs certified to EN 442	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Metropolitan horizontal tubes							
MEH-030-140**	280	1400	3	white*	360/1228	£440	£528.00
MEH-040-140**	385	1400	4	white*	474/1617	£491	£589.20
MEH-040-160**	385	1600	4	white*	542/1849	£523	£627.60
MEH-040-180**	385	1800	4	white*	610/2081	£557	£668.40
MEH-040-200**	385	2000	4	white*	677/2310	£590	£708.00
MEH-050-140	490	1400	5	white*	585/1996	£547	£656.40
MEH-050-160	490	1600	5	white*	669/2283	£589	£706.80
MEH-050-180	490	1800	5	white*	753/2569	£628	£753.60
MEH-050-200	490	2000	5	white*	836/2852	£669	£802.80
MEH-060-090	595	900	6	white*	447/1525	£484	£580.80
MEH-060-140	595	1400	6	white*	695/2371	£604	£724.80
MEH-060-160	595	1600	6	white*	794/2709	£652	£782.40
MEH-060-180	595	1800	6	white*	894/3050	£700	£840.00
MEH-060-200	595	2000	6	white*	993/3388	£749	£898.80
MEH-070-090	700	900	7	white*	517/1764	£522	£626.40
MEH-070-140	700	1400	7	white*	804/2743	£661	£793.20
MEH-070-160	700	1600	7	white*	919/3136	£716	£859.20
MEH-070-180	700	1800	7	white*	1034/3528	£772	£926.40
MEH-070-200	700	2000	7	white*	1148/3917	£827	£992.40
MEH-080-040	805	400	8	white*	323/1102	£406	£487.20
MEH-080-050	805	500	8	white*	387/1320	£437	£524.40
MEH-080-060	805	600	8	white*	449/1532	£470	£564.00
MEH-120-040	1225	400	12	white*	469/1600	£486	£583.20
MEH-120-050	1225	500	12	white*	563/1921	£532	£638.40
MEH-120-060	1225	600	12	white*	653/2228	£580	£696.00
MEH-150-040	1540	400	15	white*	582/1986	£536	£643.20
MEH-150-050	1540	500	15	white*	730/2491	£591	£709.20
MEH-150-060	1540	600	15	white*	871/2972	£646	£775.20
MEH-180-040	1750	400	18	white*	663/2262	£583	£699.60
MEH-180-050	1750	500	18	white*	795/2713	£649	£778.80
MEH-180-060	1750	600	18	white*	922/3146	£715	£858.00

*White (RAL 9016)

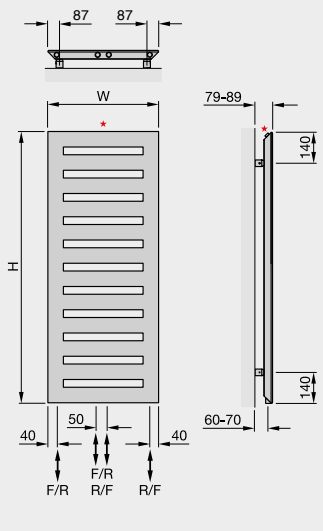
** These models have a distance of 87mm between the top of the radiator and the bracket fixing position. All other MEH models have a distance of 140mm.

Colour finish: Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%.
Colour finish and non-stock products delivery: 3–5 weeks.

MEH Accessories			
Model		**RRP (ex VAT)**	**RRP (inc 20% VAT)**
468038	Towel-bar for 400 mm width radiator, chrome plated	£111	£133.20
468048	Towel-bar for 500 mm width radiator, chrome plated	£113	£135.60
468058	Towel-bar for 600 mm width radiator, chrome plated	£117	£140.40
480438	Set of hooks (2 pcs.), to clip on, chrome plated	£52	£62.40



MEH-040



MEH-120

*½" air vent
Frame: 70mm x 39mm triangular tubes
Flat tubes: 70mm x 8mm
F = flow
R = return
H = height
W = width
All dimensions in mm

Zehnder recommends
VALVE-SET-10-CR.
For more information see page 182.

The **Metropolitan** has clean lines and a contemporary, modern appeal. The Metropolitan is available in both landscape and portrait formats, with an optional bar as a useful and attractive accessory.

Scan here to watch the innovative hybrid welding process for each and every Metropolitan.

METROPOLITAN VOLCANIC 0336
Also available as a bathroom radiator see page 68 for more information.

Metropolitan Towel Bar
See page 179.

Metropolitan Hook Chrome
See page 179.

MEH-180-50 MATT BLACK 0557

The complete CE compliant technical specifications can be viewed by scanning here.

Zehnder

Metropolitan Spa

3-5 WEEKS | 3-5 DAYS Stocked Items | 2 YEAR WARRANTY | 5 YEAR WARRANTY

In stock items highlighted in black	Height mm	Width mm	Finish	Output ΔT=50°C Watts/btu All outputs certified to EN 442	Dual Fuel Immersion Rating in Watts	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Metropolitan Spa							
MET-080-040	805	400	white*	327/1116	327	**£397**	**£476.40**
MET-080-050	805	500	white*	388/1324	388	**£426**	**£511.20**
MET-080-060	805	600	white*	445/1518	445	**£455**	**£546.00**
MET-120-040	1225	400	white*	474/1617	474	**£475**	**£570.00**
MET-120-050	1225	500	white*	561/1914	561	**£519**	**£622.80**
MET-120-060	1225	600	white*	645/2201	645	**£560**	**£672.00**
MET-150-040	1540	400	white*	582/1986	582	**£520**	**£624.00**
MET-150-050	1540	500	white*	690/2354	690	**£568**	**£681.60**
MET-180-050	1750	500	white*	775/2644	775	**£623**	**£747.60**
MET-180-060	1750	600	white*	889/3033	889	**£682**	**£818.40**

*White (RAL 9016)

Dual energy: Self fit (additional cost to central heating model prices). For more information please scan the QR code.

Dual Energy Heating Model	Height mm	Width mm	Finish	Output ΔT=50°C Watts/btu All outputs certified to EN 442	Radio Frequency Remote Programmer IPX4-IK09 (suitable for Zone 1 bath, Zone 2 shower) Electric Rating (Watts)	RRP (ex VAT)	RRP (inc 20% VAT)
METM-080-040/GF	805	400	white*	327/1116	300	**£681**	**£817.20**
METM-120-040/GF	1225	400	white*	474/1617	500	**£764**	**£916.80**
METM-120-050/GF	1225	500	white*	561/1914	500	**£773**	**£927.60**
METM-120-060/GF	1225	600	white*	645/2201	600	**£813**	**£975.60**
METM-150-050/GF	1540	500	white*	690/2354	600	**£821**	**£985.20**
METM-150-060/GF	1540	600	white*	792/2702	750	**£874**	**£1,048.80**
METM-180-050/GF	1750	500	white*	775/2644	750	**£881**	**£1,057.20**

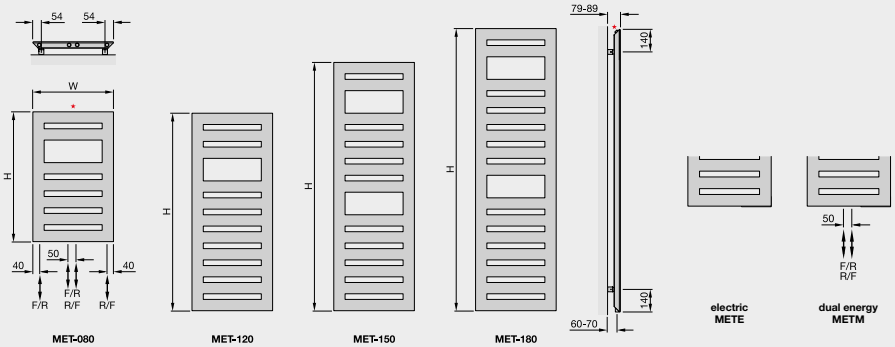
Electric Heating Model	Height mm	Width mm	Finish	Radio Frequency Remote Programmer IPX4-IK09 (suitable for Zone 1 bath, Zone 2 shower) Electric Rating (Watts)	RRP (ex VAT)	RRP (inc 20% VAT)
Zehnder Metropolitan Spa Electric						
METE-080-040/GF	805	400	white*	300	**£718**	**£861.60**
METE-120-040/GF	1225	400	white*	500	**£827**	**£992.40**
METE-120-050/GF	1225	500	white*	500	**£880**	**£1,056.00**
METE-120-060/GF	1225	600	white*	600	**£933**	**£1,119.60**
METE-150-050/GF	1540	500	white*	600	**£944**	**£1,132.80**
METE-150-060/GF	1540	600	white*	750	**£1,011**	**£1,213.20**
METE-180-050/GF	1750	500	white*	750	**£1,029**	**£1,234.80**

*White (RAL 9016)

Accessories			
Model		RRP (ex VAT)	RRP (inc 20% VAT)
468038	Towel-bar for 400 mm width radiator, chrome plated	**£111**	**£133.20**
468048	Towel-bar for 500 mm width radiator, chrome plated	**£113**	**£135.60**
468058	Towel-bar for 600 mm width radiator, chrome plated	**£117**	**£140.40**
480438	Set of hooks (2 pcs.), to clip on, chrome plated	**£52**	**£62.40**

Colour finish: Standard colours from the Zehnder colour chart including matt white finish are priced at: RAL 9016 + 25%. Colour finish and non-stock products delivery: 3-5 weeks.

*½" air vent
Frame: 70mm x 39mm triangular tubes
Flat tubes: 70mm x 8mm
F = flow
R = return
H = height
W = width
All dimensions in mm



The **Metropolitan Spa** towel radiator brings an elegant, spa-like style to any modern bathroom. Connections and air vents are neatly hidden to maintain the formality and purity of the design.

Geometric cut-outs create an attractive shape with plenty of space for towels to dry. Also available as a room radiator. See page 58.

MET-180-050 WHITE QUARTZ 0521 (Valves for illustration only)

MEV-180-040 TRAFFIC WHITE 9016
Also available as a room radiator see page 66.

eco DESIGN

Electric Option
To find out more about our radio frequency remote programmer, scan the QR code at the bottom of this page.

Zehnder recommends VALVE-SET-11-CR.
For more information see page 182.

The complete CE compliant technical specifications can be viewed by scanning here.

MET-080-040 VOLCANIC 0336 Cloakroom

Zehnder Metropolitan - horizontal

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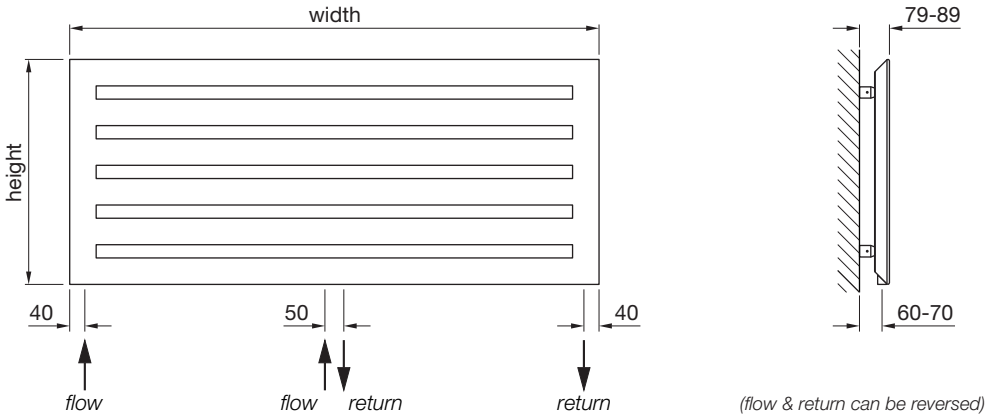

All dimensions shown are in millimetres

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 Watts	Output ΔT=50K Btu	Output ΔT=30K Watts	Output ΔT=30K Btu	n	Weight kg	Water Content litres
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

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Registered in England: 2296696

Zehnder Metropolitan - vertical

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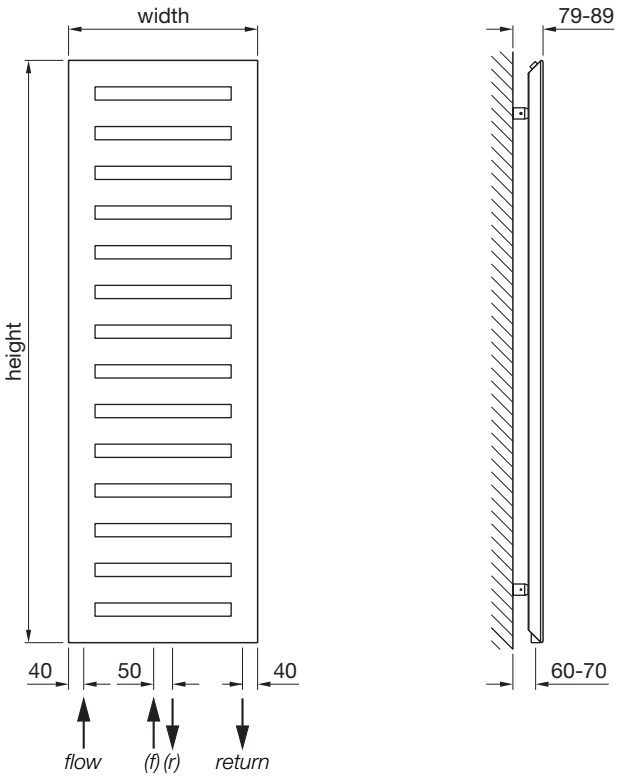

All dimensions shown are in millimetres

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** *Watts*	*Btu*	**Output ΔT=30K** *Watts*	*Btu*	**n**	**Weight** *kg*	**Water Content** *litres*
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

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www.zehnder.co.uk

Registered in England: 2296696

Zehnder Metropolitan - horizontal

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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).

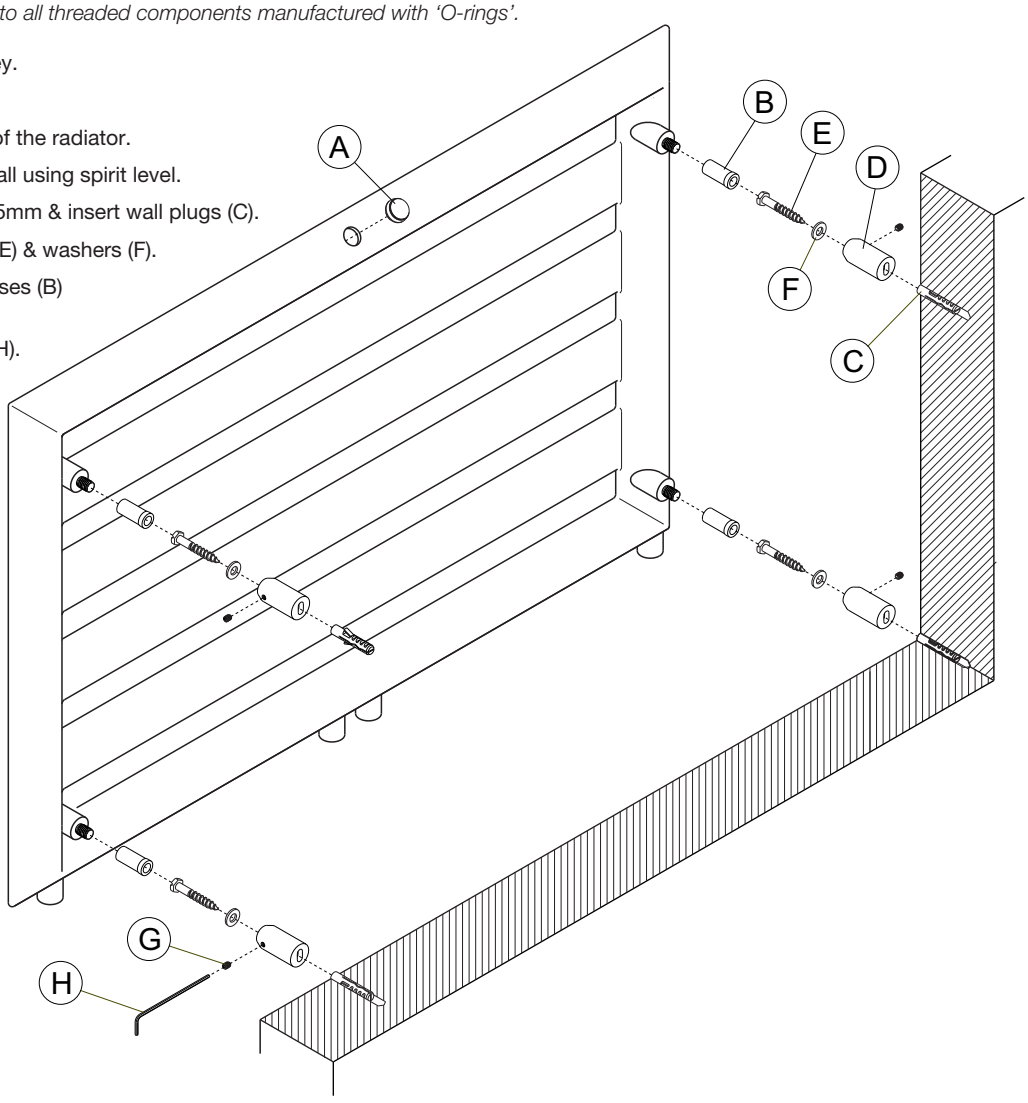
Attach brackets (D) to wall with screws (E) & washers (F).

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.



Issue 1.0

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Zehnder Metropolitan - vertical

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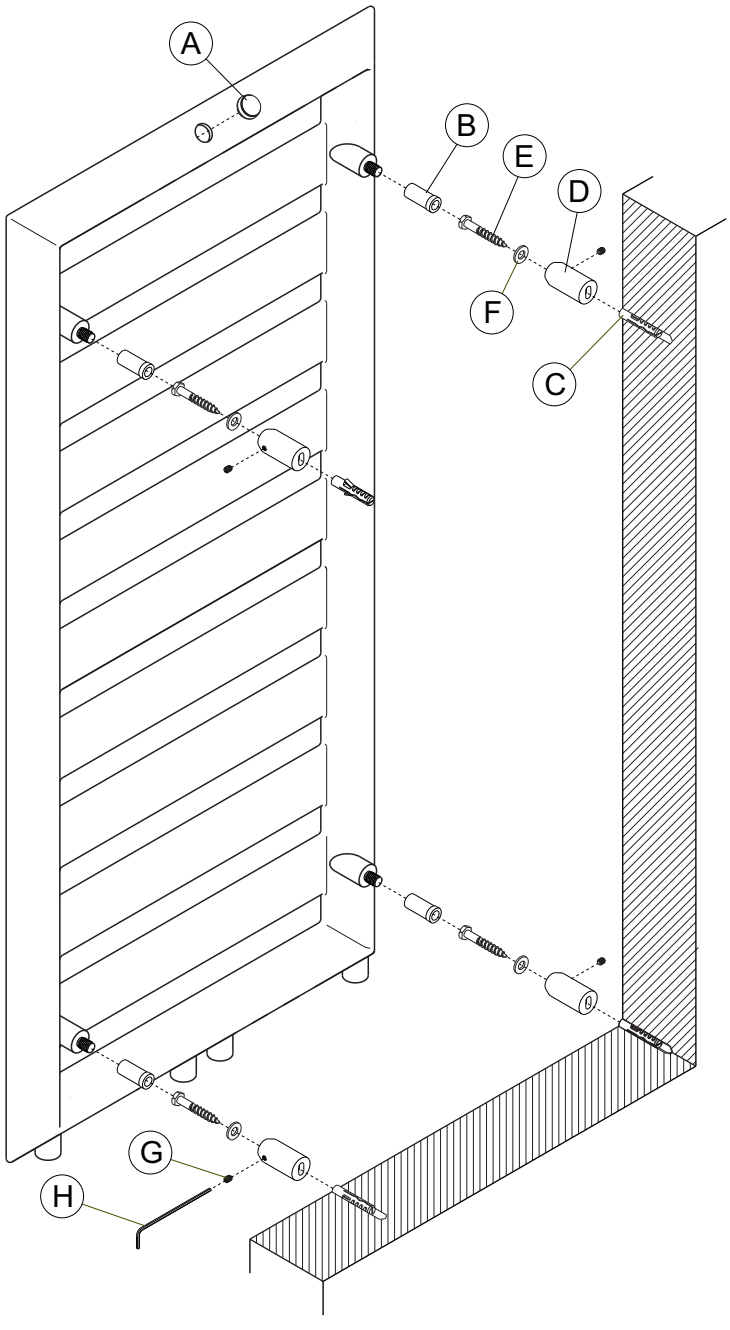
zehnder

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.

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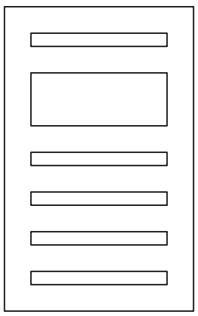
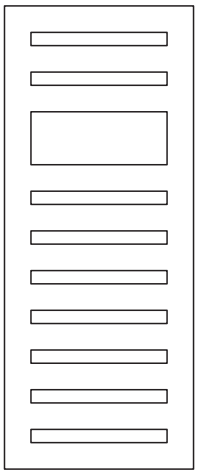
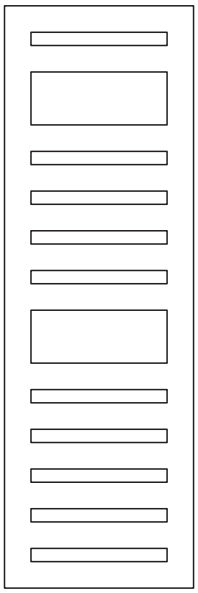


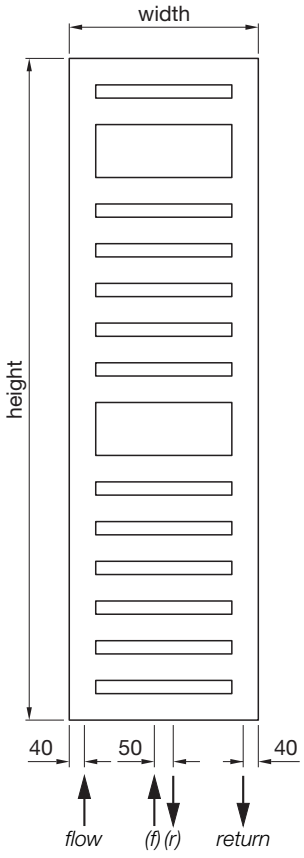
MET-080



MET-120

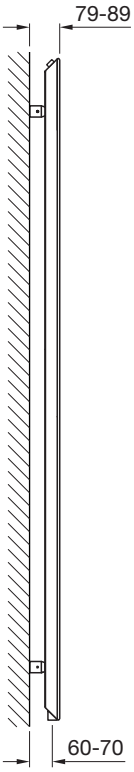


MET-150



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

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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).

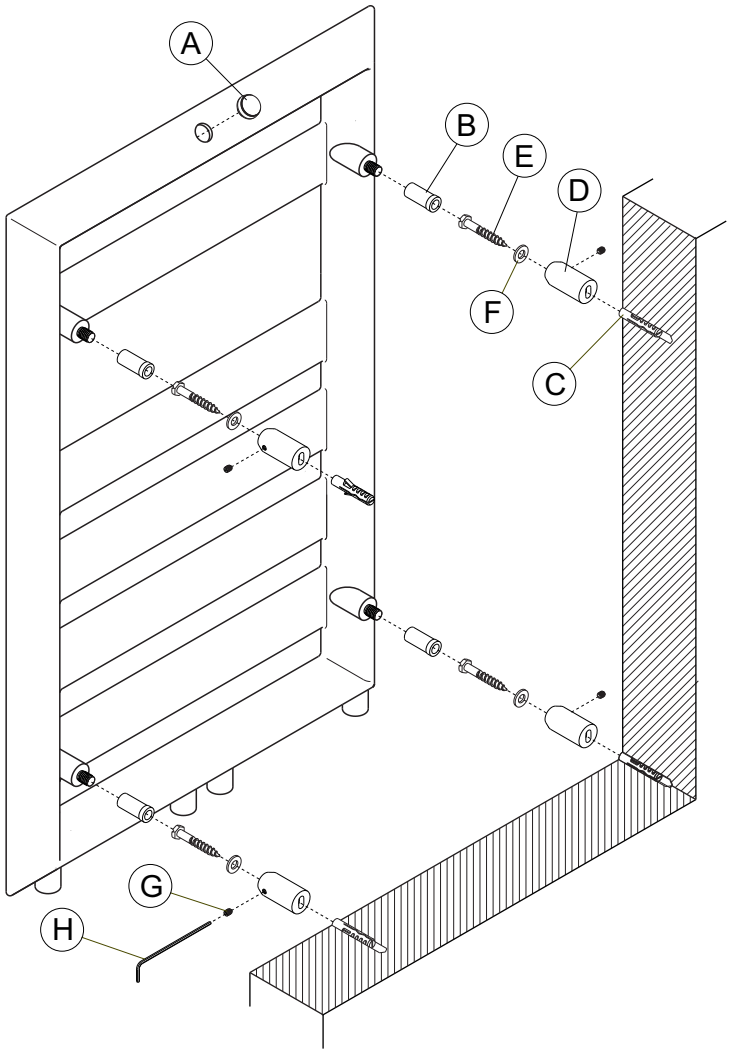
Attach brackets (D) to wall with screws (E) & washers (F).

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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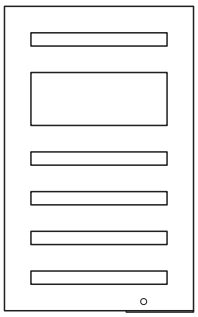
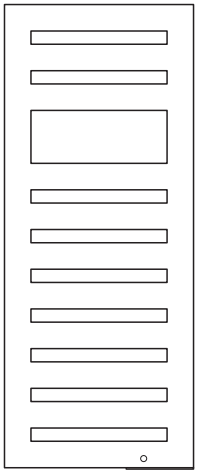
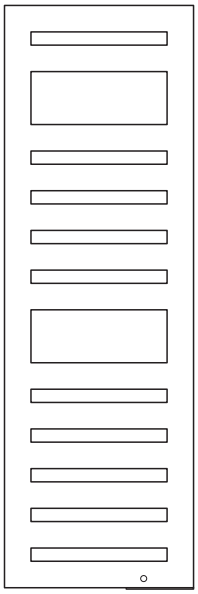


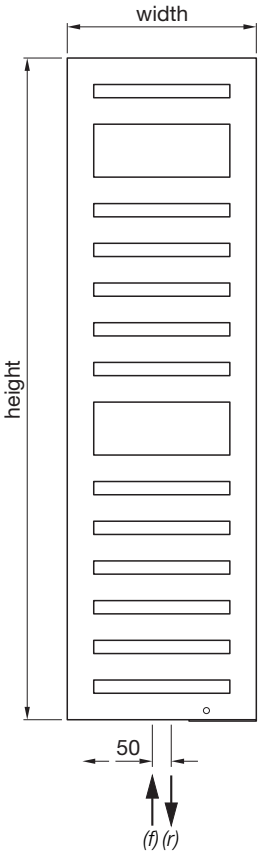
METM-080



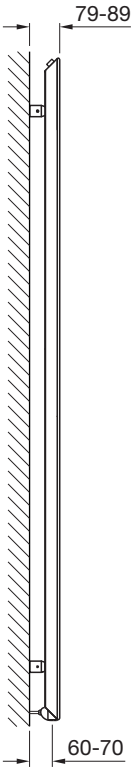
METM-120



METM-150



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
Pipe Connections:	**½ inch BSP underside tappings**
Electrical connections:	**1.2m long flying lead (2 core)**

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

** Radio Frequency Remote Programmer IPX4-IK09*

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	Electric Rating* Watts
METM-080-040/GF	805	400	painted	50	327	1116	173	590	1.25	7.0	3.5	300
METM-120-040/GF	1225	400	painted	50	474	1617	249	850	1.26	10.3	4.9	500
METM-120-050/GF	1225	500	painted	50	561	1914	295	1007	1.26	12.2	5.5	500
METM-120-060/GF	1225	600	painted	50	645	2201	337	1150	1.27	15.0	6.1	600
METM-150-050/GF	1540	500	painted	50	690	2354	361	1232	1.27	14.0	6.2	600
METM-150-060/GF	1540	600	painted	50	792	2702	412	1406	1.28	16.1	7.0	750
METM-180-050/GF	1750	500	painted	50	775	2644	407	1389	1.26	16.8	7.6	750

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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).

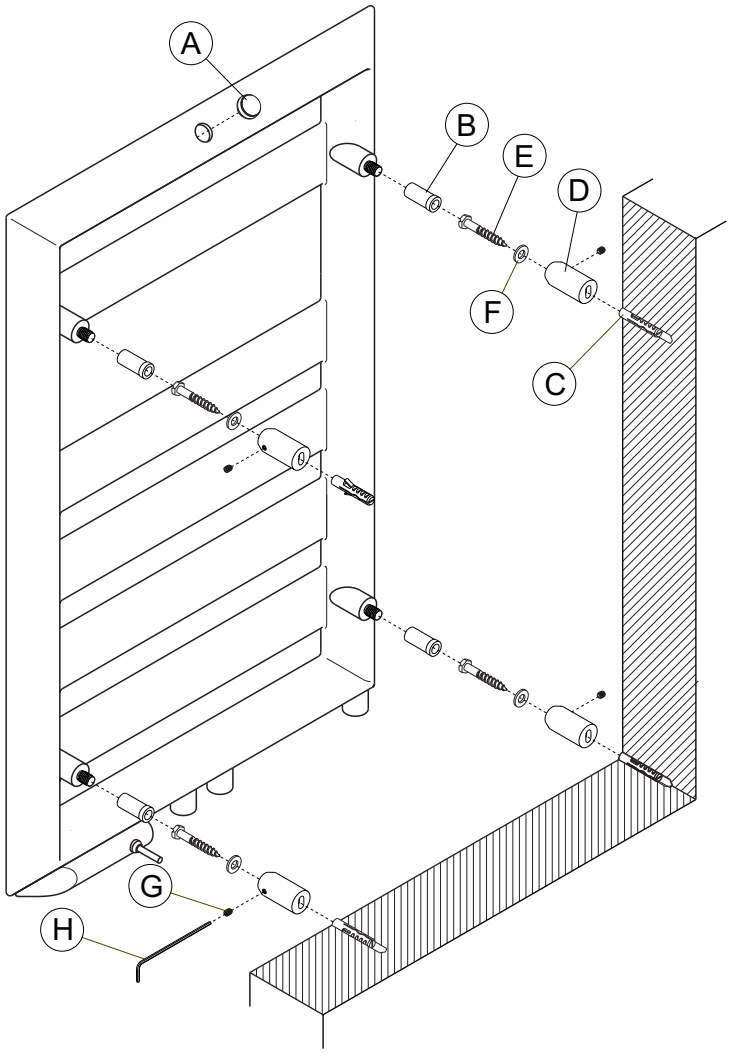
Tighten grub screws (G) with Allen key (H).

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.

Electric radiators should be fitted only by a qualified electrician and must be earthed and connected to a cable outlet in the bathroom in accordance with I.E.E. wiring regulations. The electrical connection should be made to a ‘5 amp fused fixed spur’ located outside the bathroom.

Note: for maintenance purposes, cable outlets must remain accessible and cables must not be buried directly into walls.



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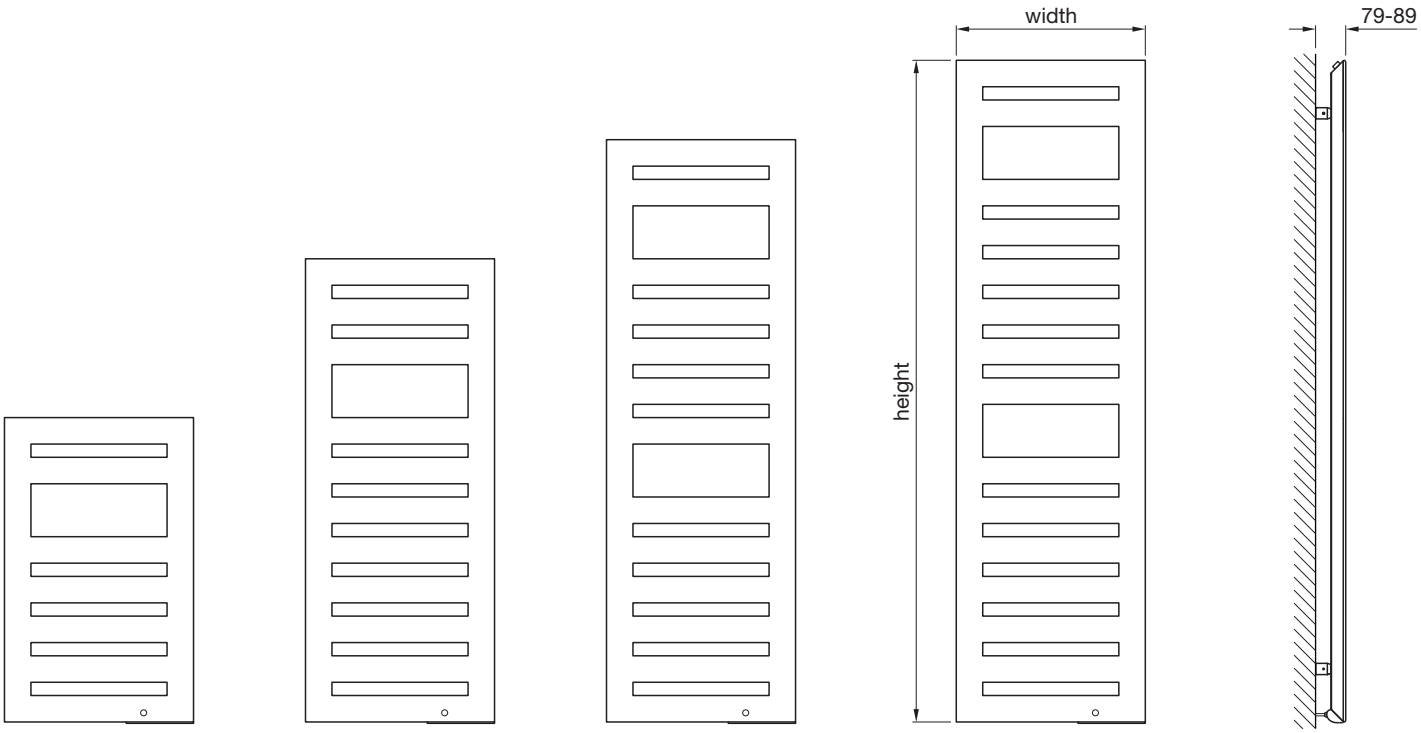

METE-080 **METE-120** **METE-150** **METE-180**

All dimensions shown are in millimetres

All steel construction: **70mm x 39mm triangular tube frame**
70mm x 8mm flat tubes

Connections: **1.2m long flying lead (2 core)**

** Radio Frequency Remote Programmer IPX4-IK09*

Model	Height *± 2mm*	Width *± 2mm*	Finish	Electric Rating* *Watts*	Weight *kg*
METE-080-040/GF	805	400	painted	300	9.4
METE-120-040/GF	1225	400	painted	500	13.8
METE-120-050/GF	1225	500	painted	500	16.0
METE-120-060/GF	1225	600	painted	600	18.3
METE-150-050/GF	1540	500	painted	600	18.5
METE-150-060/GF	1540	600	painted	750	21.1
METE-180-050/GF	1750	500	painted	750	22.4

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Tools & Material Required

Tape measure
Screwdriver - crosshead
Pliers
Electric drill
Masonry drill bit
Spirit level
Stepladder (for taller radiators)

Key	Component	Qty
A	Boss	**4**
B	Wall Plug	**4**
C	Bracket	**4**
D	Screw, 6mm dia x 50mm	**4**
E	Washer	**4**
F	Grub Screw	**4**
G	Allen Key	**1**

Assembly Instructions

Screw bosses (A) 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 (B).

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

Hang radiator onto wall by inserting bosses (A) into brackets (C).

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

Electric radiators should be fitted only by a qualified electrician and must be earthed and connected to a cable outlet in the bathroom in accordance with I.E.E. wiring regulations. The electrical connection should be made to a '5 amp fused fixed spur' located outside the bathroom.

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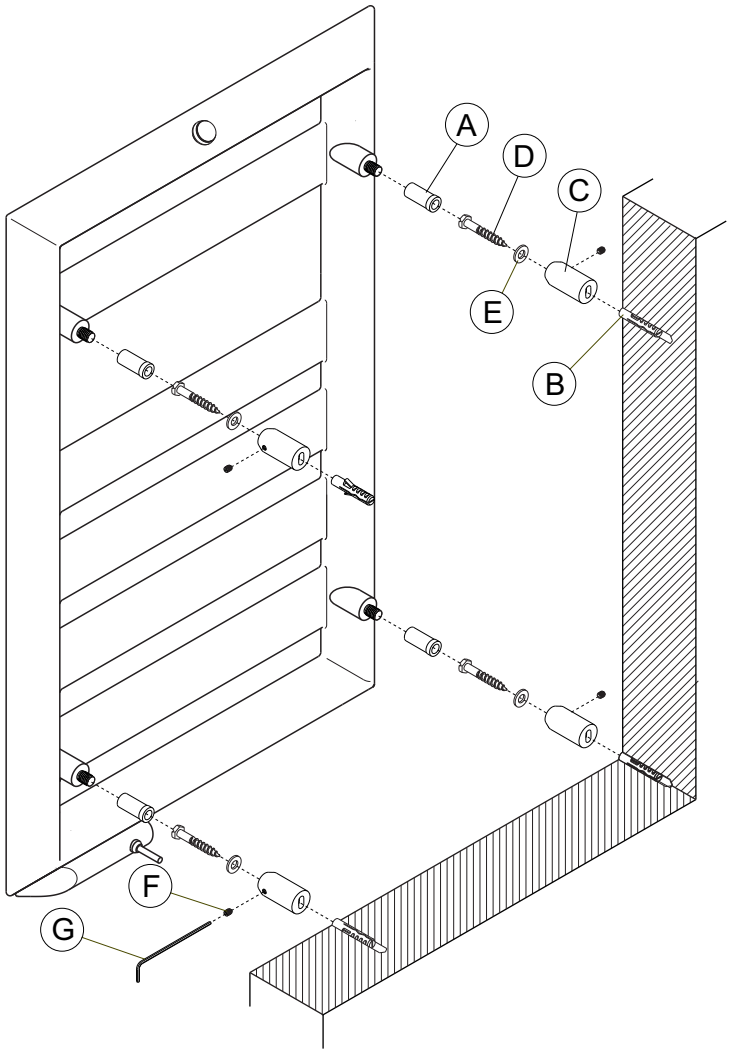

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