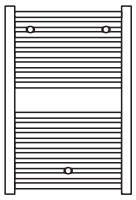
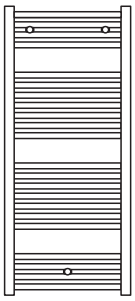
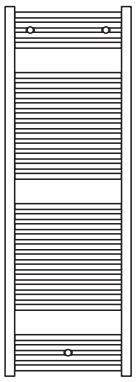
Zehnder Klaro



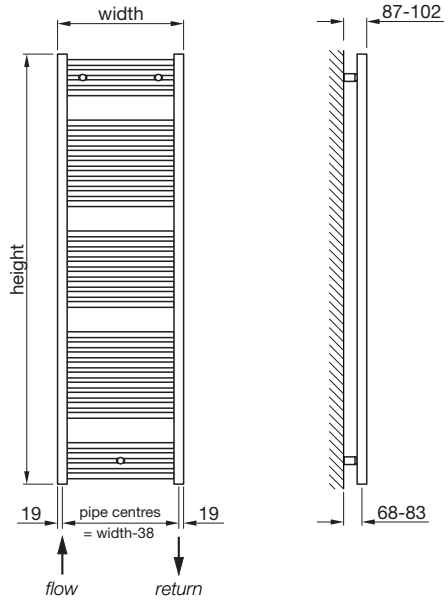
ZSL-080
ZSLC-080



ZSL-120
ZSLC-120



ZSL-150
ZSLC-150



flow & return can be reversed

ZSL-170
ZSLC-170

All dimensions shown are in millimetres

Test pressure: **6.8 BAR**
Max working pressure: **4 BAR**
Max working temperature: **110º C**
All steel construction: **dia 23mm horizontal tubes**
dia 38mm headers
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 Registration 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*
ZSL-080-045	748	450	painted	412	354	1208	187	638	1.25	5.4	3.6	250
ZSL-080-050	748	500	painted	462	388	1324	205	699	1.25	5.8	3.8	250
ZSL-080-060	748	600	painted	562	455	1552	239	815	1.26	6.7	4.3	300
ZSL-120-045	1148	450	painted	412	521	1778	272	928	1.27	8.1	5.4	300
ZSL-120-050	1148	500	painted	462	571	1948	300	1024	1.26	8.7	5.8	400
ZSL-120-060	1148	600	painted	562	670	2286	352	1201	1.26	9.8	6.6	400
ZSL-150-050	1466	500	painted	462	716	2443	372	1269	1.28	10.9	7.4	500
ZSL-150-060	1466	600	painted	562	839	2863	436	1488	1.28	12.3	8.5	500
ZSL-170-050	1708	500	painted	462	824	2811	424	1447	1.30	12.2	8.5	500
ZSL-170-060	1708	600	painted	562	966	3296	502	1713	1.28	14.2	9.6	600
ZSLC-080-050	748	500	chrome	462	283	966	146	498	1.30	5.8	3.8	200
ZSLC-080-060	748	600	chrome	562	332	1133	172	587	1.29	6.7	4.3	200
ZSLC-120-050	1148	500	chrome	462	417	1423	214	730	1.31	8.7	5.8	300
ZSLC-120-060	1148	600	chrome	562	489	1668	250	853	1.31	9.8	6.6	300
ZSLC-150-050	1466	500	chrome	462	475	1621	241	822	1.33	10.5	7.4	300
ZSLC-150-060	1466	600	chrome	562	560	1911	287	979	1.31	12.1	8.5	400
ZSLC-170-050	1708	500	chrome	462	601	2050	309	1054	1.30	12.2	8.5	400
ZSLC-170-060	1708	600	chrome	562	705	2405	361	1232	1.31	14.2	9.6	500

Issue 1.0

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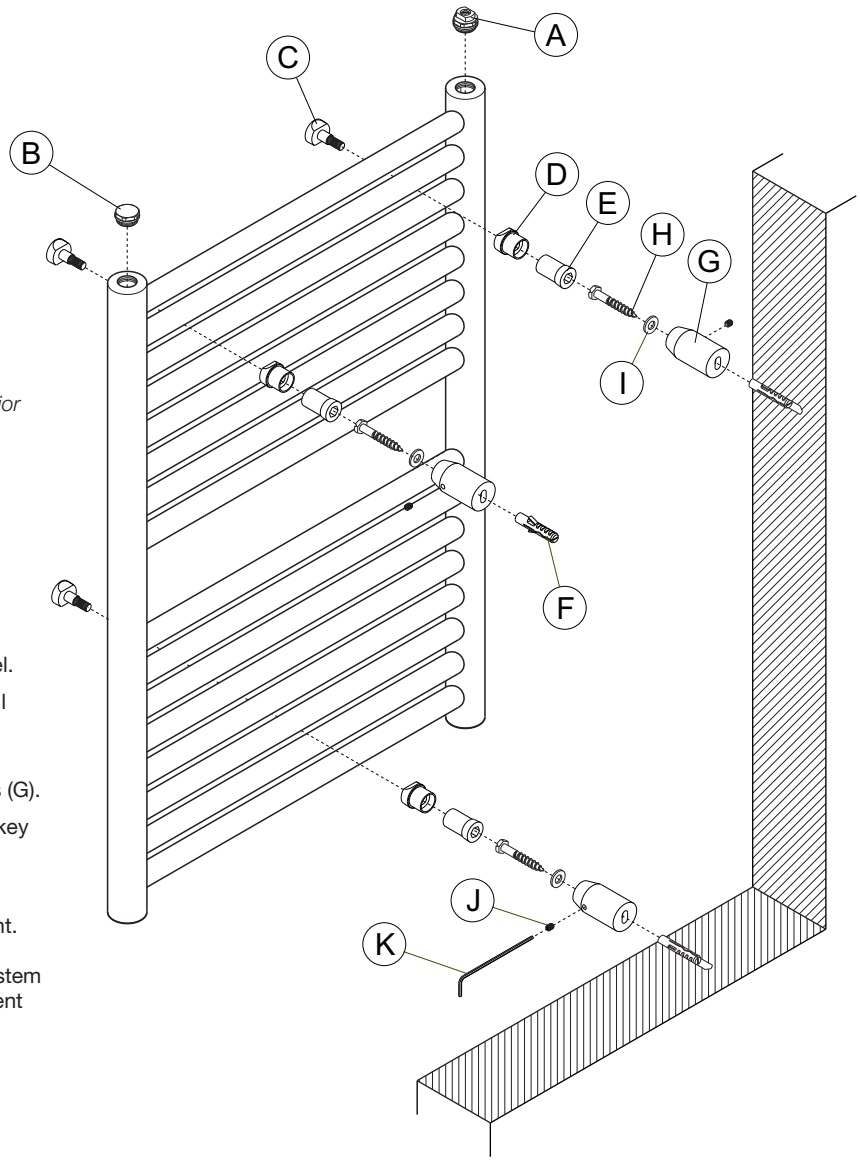
Zehnder Klaro

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

Key	Component	Qty
A	Air Vent - 1/2”	**1**
B	Blanking Plug	**1**
C	Clamp - Outer	**3**
D	Clamp - Inner	**3**
E	Boss	**3**
F	Wall Plug	**3**
G	Bracket	**3**
H	Screw - Hex Head, 6mm dia x 60mm	**3**
I	Washer	**3**
J	Grub Screw	**3**
K	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) & blanking plug (B).

Loosely assemble outer clamps (C), inner clamps (D) & bosses (E) on radiator.

Accurately mark out bracket holes on wall using spirit level.

Drill three holes to a minimum depth of 65mm & insert wall plugs (F). Screw brackets (G) into wall plugs (F) with 6mm diameter x 70mm screws (H) & washers (I).

Offer radiator up to wall and slide bosses (E) into brackets (G).

Secure in position by tightening grub screw (J) with Allen key (K).

Tighten outer clamps (C).

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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