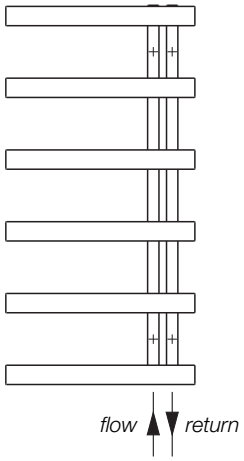
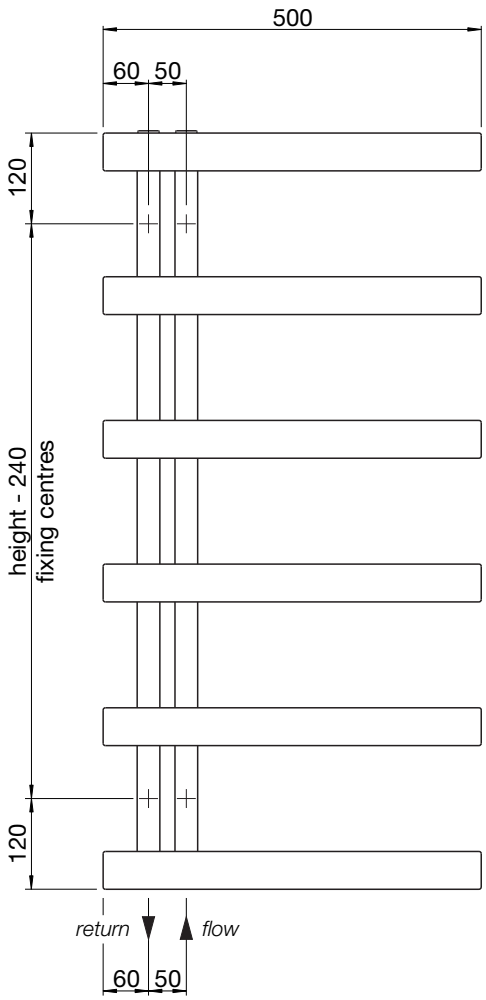
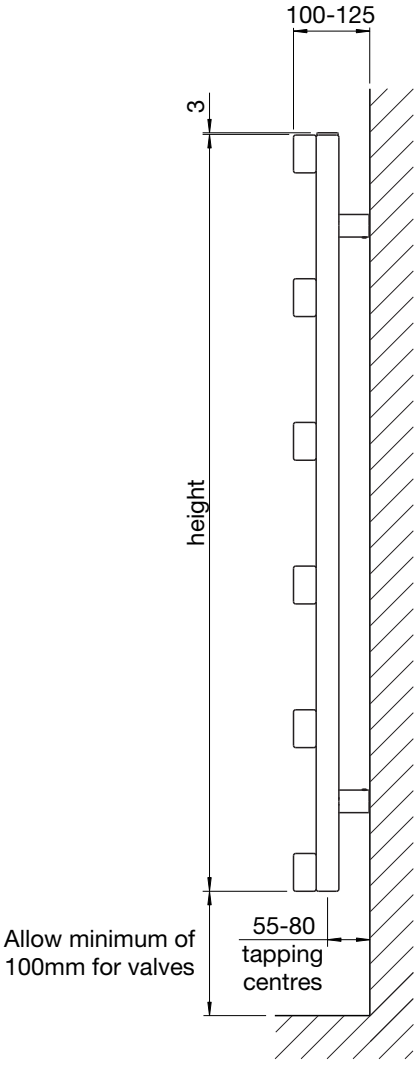
Zehnder Alban



Radiator can be inverted and hung in this orientation





All dimensions shown are in millimetres

Test pressure:	**5.2 BAR**
Max working pressure:	**4 BAR**
Max working temperature:	**90º C**
All stainless steel construction:	**30mm x 50mm x 1.2mm tubes**
	30mm x 30mm x 1mm headers
Connections:	**½ inch BSP underside tappings**

Heat output determined in accordance with EN 442
Test Laboratory: BSRIA, Test Lab Registration No: 0480

Model	Height ± 2mm	Width ± 2mm	Finish	Output ΔT=50K Watts	Output ΔT=50K Btu	Output ΔT=30K Watts	Output ΔT=30K Btu	n	Weight kg	Water Content litres
ALZ-100-050	1000	500	mirror	256	873	135	461	1.25	7.7	5.2
ALZ-140-050	1380	500	mirror	332	1133	171	583	1.30	10.3	7.2
ALZ-180-050	1760	500	mirror	417	1423	221	754	1.24	12.4	9.1

Issue 1.0

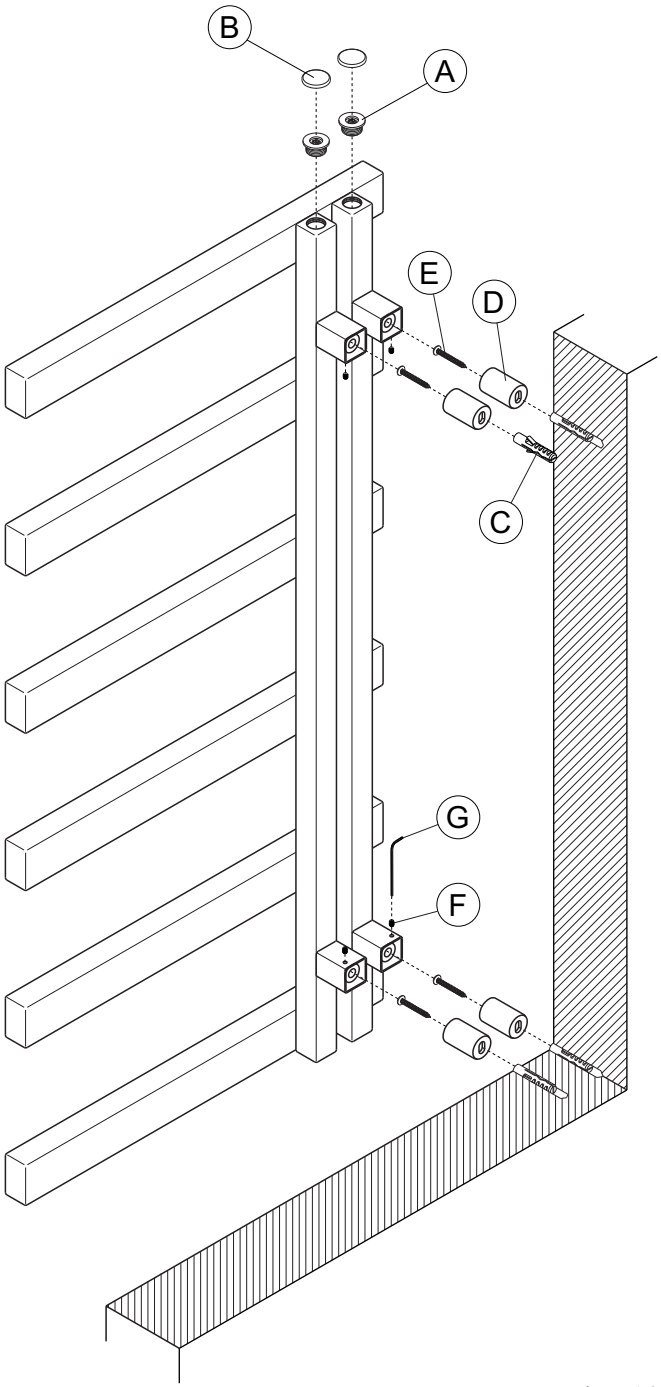
Zehnder Group UK Ltd
Concept House
Watchmoor Point
Camberley
Surrey GU15 3AD
Tel: 01276 605800
Fax: 01276 24058
retailsales@zehnder.co.uk
www.zehnder.co.uk
Registered in England: 2296696

Zehnder Alban

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

Key	Component	Qty
A	Air Vent - 1/2”	**2**
B	Cover Cap	**2**
C	Wall Plug	**4**
D	Bracket	**4**
E	Screw - Rnd Head, 6mm dia x 50mm	**4**
F	Grub Screw	**4**
G	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 vents (A) & cover caps (B) to radiator.

Accurately mark out bracket holes on wall using spirit level.

Drill four 8mm diameter holes to a minimum depth of 60mm & insert wall plugs (C).

Screw brackets (D) into wall plugs (C) with 6mm diameter x 50mm screws (E).

Slide boss on radiator into bracket (D) and secure in position by tightening grub screw (F) with allen key (G).

Check the radiator is mounted perfectly vertical to minimise the risk of trapping air.

Plumb radiator to heating circuit with flow opposite air vent. Open both air vents (A) at the same time when bleeding radiator.

Air vent is recessed so flathead screwdriver must be used to vent radiator.

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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