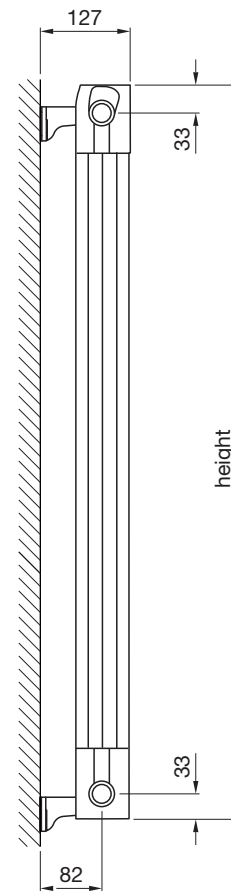
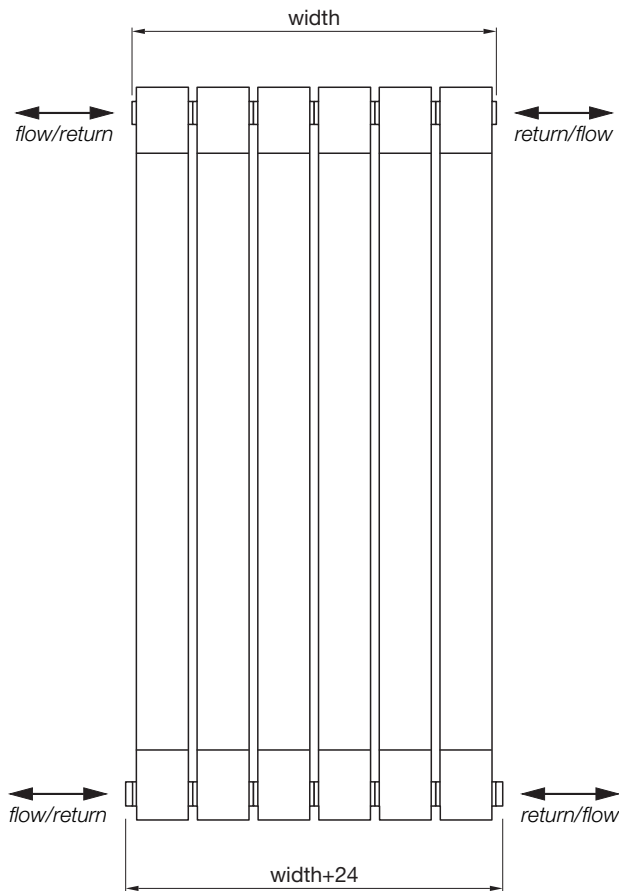


Zehnder Aluminium Garda S90

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All dimensions shown are in millimetres

Test pressure: **24 BAR**
 Max working pressure: **16 BAR**
 Max working temperature: **120° C**
 All aluminium construction: **extruded sections**
 Connections: **½ inch BSP opposite end tappings**

Not suitable for use on domestic hot water system

Heat output determined in accordance with EN 442
 Test Laboratory: CETIAT, Test House No: 1623

* width excludes air vent & bushes (additional 24mm)

Model	Height ± 2mm	Width* ± 2mm	No. of Sections	Finish	Pipe Centres ± 2mm	Output ΔT=50K		Output ΔT=30K		n	Weight kg	Water Content litres
						Watts	Btu	Watts	Btu			
GAR-Z-900/4	966	320	4	painted	n/a	728	2484	364	1242	1.36	7.0	1.7
GAR-Z-900/6	966	480	6	painted	n/a	1092	3726	545	1860	1.36	10.4	2.6
GAR-Z-1400/4	1466	320	4	painted	n/a	1000	3412	499	1703	1.36	9.8	2.5
GAR-Z-1400/6	1466	480	6	painted	n/a	1500	5118	749	2555	1.36	14.7	3.7
GAR-Z-1800/3	1866	240	3	painted	n/a	900	3071	450	1535	1.36	10.2	2.3
GAR-Z-1800/4	1866	320	4	painted	n/a	1200	4094	600	2047	1.36	13.6	3.1
GAR-Z-1800/5	1866	400	5	painted	n/a	1500	5118	750	2559	1.36	17.0	3.9
GAR-Z-1800/6	1866	480	6	painted	n/a	1800	6142	900	3071	1.36	20.3	4.7

Issue 1.0



Zehnder Group UK Ltd

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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
Electric drill
Masonry drill bit
Spirit level
Stepladder for taller models

Key	Component	Qty
A	Air Vent - 1/2"	1
B	Wall Plug*	4
C	Bracket	4
D	Screw - Hex Head, 6mm dia x 50mm*	4
E	Washer*	4

* Wall Plugs, Screws & Washers not supplied

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).

Accurately mark out bracket holes on wall using spirit level.

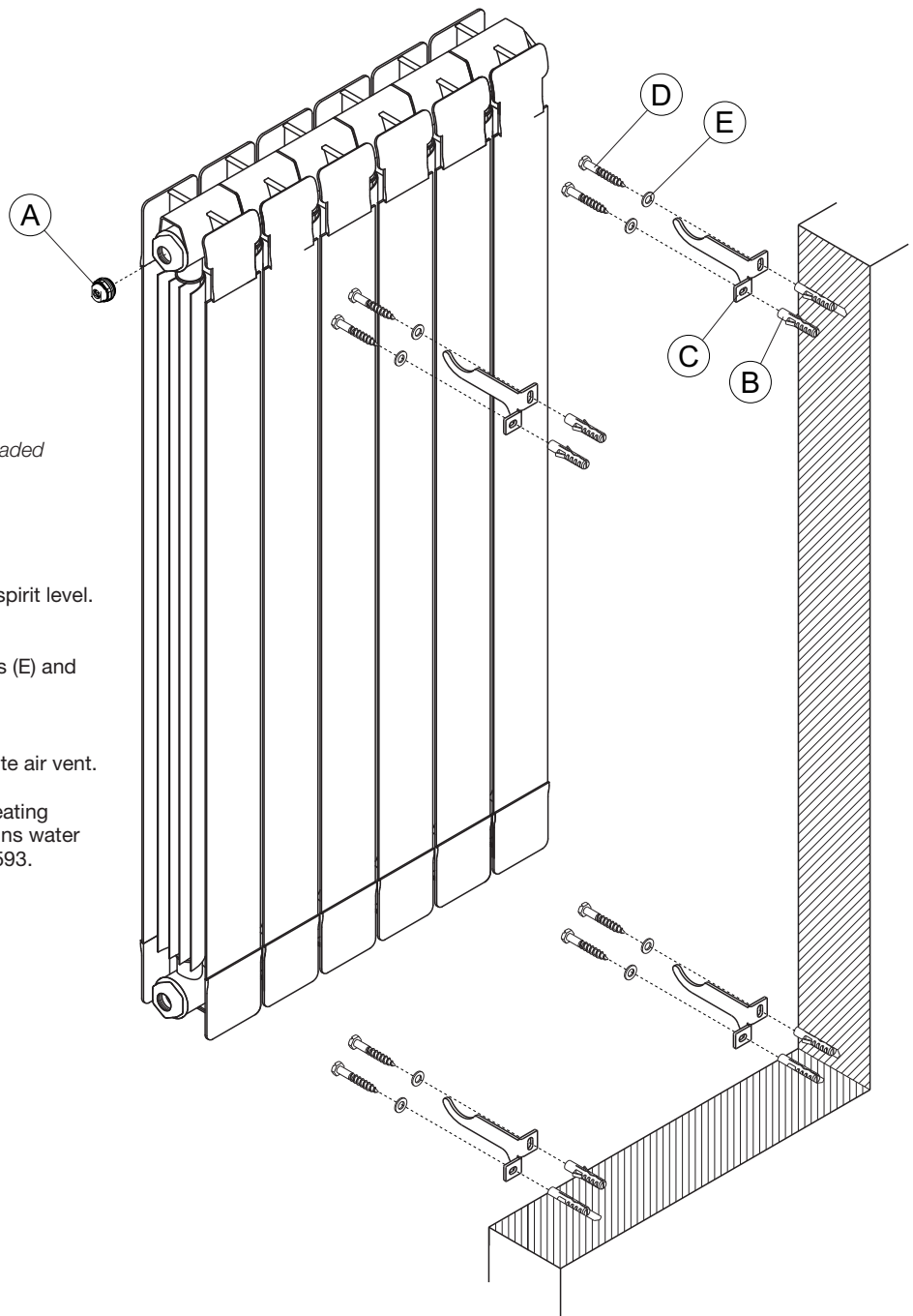
Drill four holes & insert wall plugs (C).

Screw brackets (D) into wall plugs (C) with screws (E) and washers (F).

Slide radiator on to brackets (D).

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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