



All dimensions shown are in millimetres

Test pressure: **11.7 BAR**
 Max working pressure: **9 BAR**
 Max working temperature: **120° C**
 All stainless steel construction: **30x30x1.5mm square headers**
 20x20x1.2mm square tubes
 Connections: **½ inch BSP underside tappings**
 Heat output determined in accordance with EN 442

Model	Output $\Delta T=30K$ Watts	Output $\Delta T=50K$ Watts	n	Water Content litres	Weight kg	Height $\pm 2mm$	Length $\pm 2mm$	Tapping Centres $\pm 2mm$	Fixing Centres $\pm 5mm$
GIO-90-55	97	177	1.19	2.2	4.4	900	530	500	500
GIO-120-55	132	243	1.19	2.8	5.8	1200	530	500	500
GIO-150-55	165	303	1.19	3.5	7.0	1500	530	500	500
GIO-180-55	193	357	1.20	4.2	8.3	1800	530	500	500

Tools & Material Required

Suitable valves
 PTFE tape
 Silicone thread sealant
 Tape measure
 Allen key - 13mm & 12mm (when installing Bisque valves)
 Spanner - 13mm & 14mm
 Screwdriver - crosshead
 Pliers
 Electric drill
 Masonry drill bit
 Spirit level
 Stepladder (for taller radiators)

Key	Component	Qty
A	Air Vent - 1/4"	1
B	Wall Plug	4
C	Bracket	4
D	Screw - Cross Head, 6mm dia x 60mm	4
E	Grub Screw	4
F	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).
- Accurately mark out bracket holes on wall using spirit level.
- Drill four holes to a minimum depth of 65mm & insert wall plugs (B).
- Screw brackets (C) into wall plugs (B) with 6mm diameter x 60mm screws (D).
- Offer radiator up to wall and slide square posts on the rear of the radiator into brackets (C).
- Secure radiator in position by tightening grub screw (E) with Allen key (F).
- 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.

