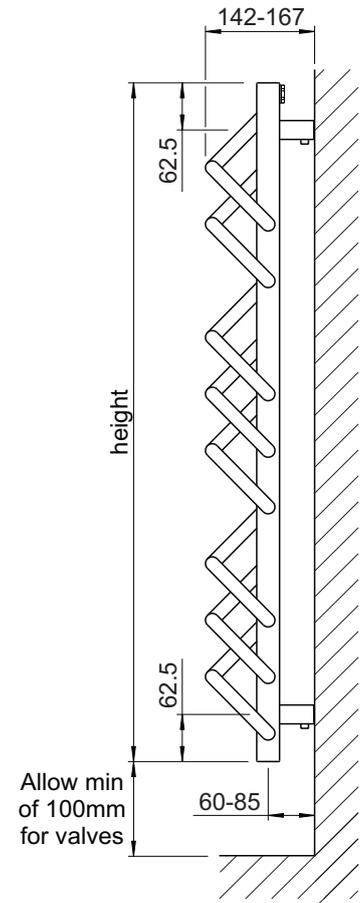
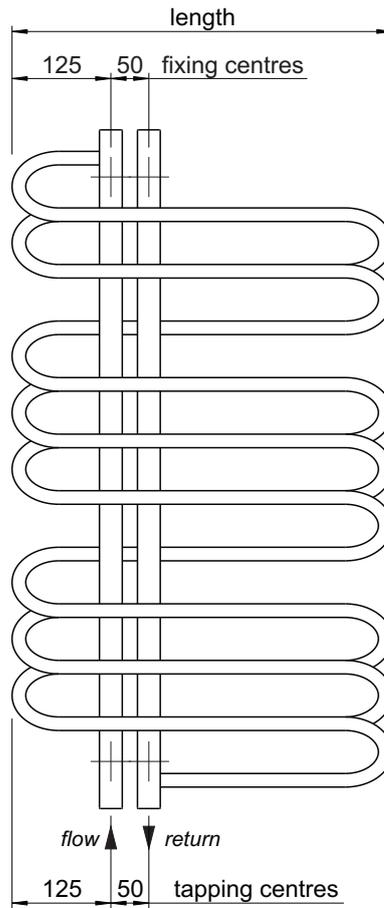
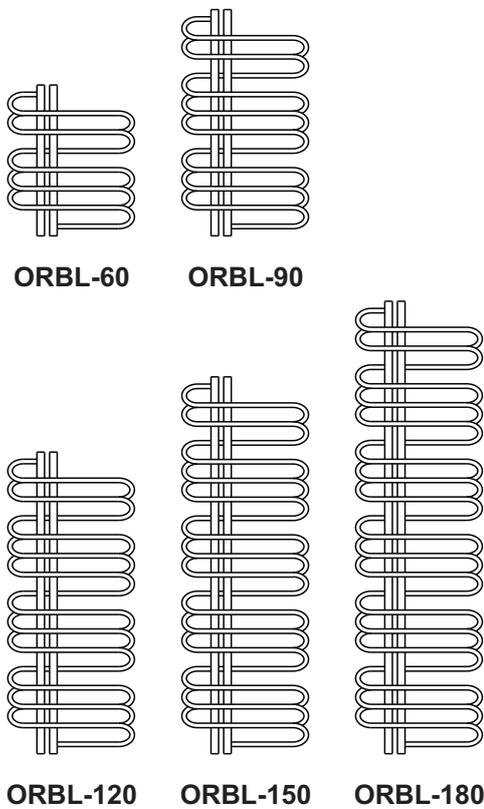


ORBR models are opposite hand



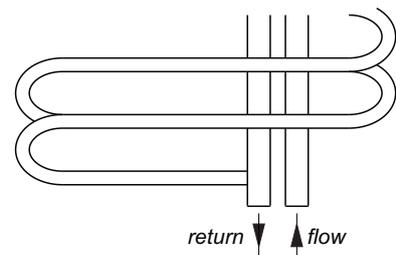
This radiator is not suitable for dual energy conversion

All dimensions shown are in millimetres

- Test pressure: **22.5 BAR**
- Max working pressure: **15 BAR**
- Max working temperature: **90° C**
- All stainless steel construction: **30x30x1.5mm square headers**
dia 18mm x 1.5mm round tubes
- Connections: **½ inch BSP underside tappings**

Heat output determined in accordance with EN 442

Manufactured in Russia for Bisque



ORBR connection details

Model	Output ΔT=30K Watts	Output ΔT=50K Watts	n	Water Content litres	Weight kg	Height ± 2mm	Length ± 2mm	Tapping Centres ± 2mm	Fixing Centres ± 5mm
ORB_-60-50	115	215	1.22	1.8	5	600	500	50	50
ORB_-90-50	161	301	1.23	2.6	7	900	500	50	50
ORB_-120-50	220	416	1.25	3.8	10	1200	500	50	50
ORB_-150-50	265	500	1.24	5.1	12	1500	500	50	50
ORB_-180-50	337	634	1.24	6.5	20	1800	500	50	50

Tools & Material Required

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

Key	Component	Qty
A	Air Vent	1
B	Blanking Plug	1
C	Wall Plug	4
D	Bracket	4
E	Screw - Hex Head, 6mm dia x 60mm	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) and blanking plug (B).
 - Accurately mark out bracket holes on wall using spirit level.
 - Drill four holes to a minimum depth of 65mm & insert wall plugs (C).
 - Screw brackets (D) into wall plugs (C) with 6mm diameter x 70mm screws (E) & washers (F).
 - Offer radiator up to wall and slide square posts on the rear of the radiator into brackets (D).
 - Secure radiator in position by tightening Allen headed screw (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.

