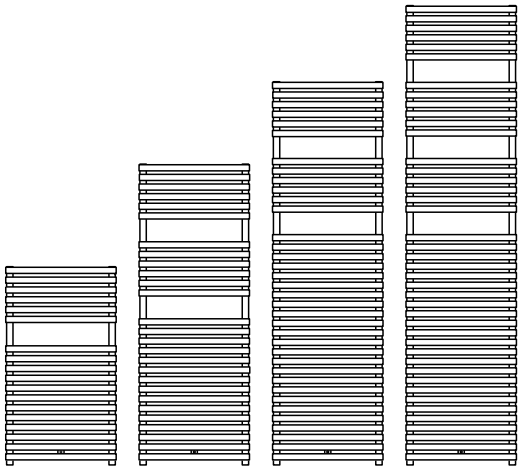
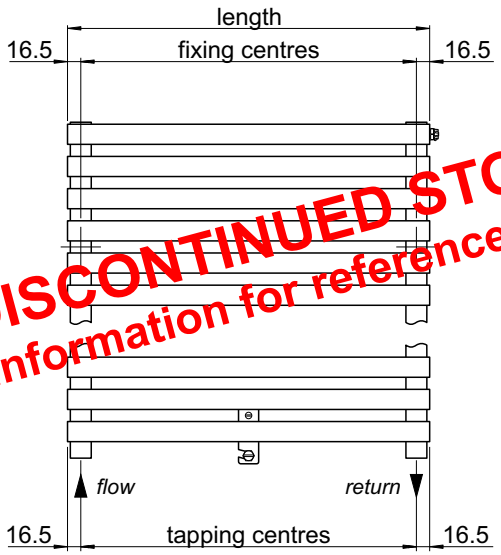
TECHNICAL DATA

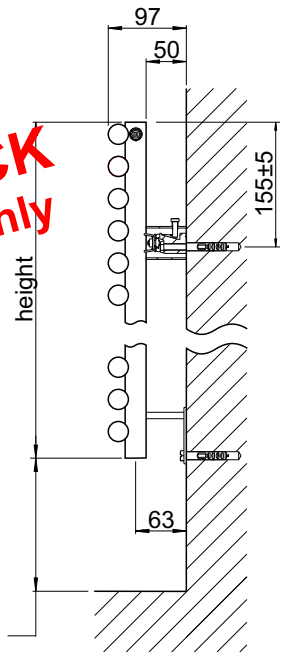
STRAIGHT FRONTED TOWEL RADIATOR



BT 79 BT 120 BT 155 BT 185



note: flow & return can be reversed if required



Allow minimum of
100mm for valves

All dimensions shown are in millimetres

Test pressure: **13 BAR**
Max working pressure: **10 BAR**
Max working temperature: **100º C**
All steel construction: **dia 25mm x 1.25mm tubes**
dia 26mm x 1.55mm headers
Connections: **½ inch BSP underside tappings**

For optional **Supplementary Heater** see separate sheet as fitting this will affect pipe centres.
Please check before drilling.

Not suitable for use on domestic hot water system

Reg. Number 2603E-2605E

Heat output determined in accordance with EN 442

Manufactured for Bisque by Arbonia AG of Switzerland

Model	Output* ΔT=50K *Watts*	Output* ΔT=60K *Watts*	n	Water Content *litres*	Weight *kg*	Height ± *2mm*	Length ± *2mm*	Tapping Centres ± *2mm*	Fixing Centres ± *2mm*
BT 79-45	417	524	1.25	4.5	10	775	450	417	417
BT 120-45	643	808	1.25	6.4	14	1194	450	417	417
BT 155-45	745	936	1.25	7.8	16	1532	450	417	417
BT 185-45	882	1108	1.25	9.6	21	1840	450	417	417
BT 79-50	462	579	1.24	5.0	11	775	500	467	467
BT 120-50	707	888	1.25	7.1	15	1194	500	467	467
BT 155-50	821	1031	1.25	8.5	18	1532	500	467	467
BT 185-50	980	1231	1.25	10.5	22	1840	500	467	467
BT 79-55	507	636	1.24	5.4	12	775	550	517	517
BT 120-55	772	970	1.25	7.7	16	1194	550	517	517
BT 155-55	899	1127	1.24	9.1	19	1532	550	517	517
BT 185-55	1077	1350	1.24	11.4	24	1840	550	517	517
BT 79-60	552	692	1.24	5.8	13	775	600	567	567
BT 120-60	836	1050	1.25	8.3	17	1194	600	567	567
BT 155-60	975	1222	1.24	9.8	20	1532	600	567	567
BT 185-60	1175	1470	1.23	12.3	26	1840	600	567	567
BT 79-75	687	861	1.24	7.1	15	775	750	717	717
BT 120-75	1029	1290	1.24	10.1	21	1194	750	717	717
BT 155-75	1206	1506	1.22	11.9	25	1532	750	717	717
BT 185-75	1467	1829	1.21	15.0	31	1840	750	717	717
BT 79-100	911	1140	1.23	9.2	19	775	1000	967	967
BT 120-100	1352	1692	1.23	13.1	26	1194	1000	967	967
BT 155-100	1592	1981	1.20	15.3	31	1532	1000	967	967
BT 185-100	1955	2424	1.18	19.5	39	1840	1000	967	967

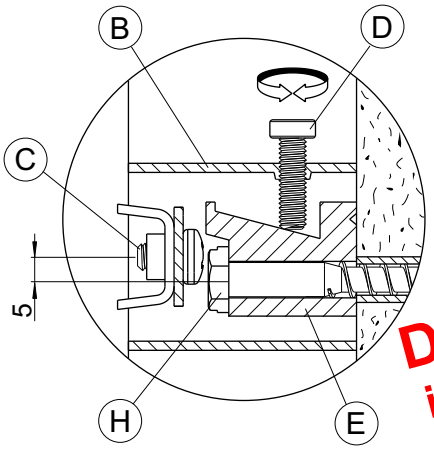
* for chrome finish reduce shown output by 20%

STRAIGHT FRONTED TOWEL RADIATOR

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 & medium flathead
Electric drill
Masonry drill bit - 10mm diameter
Spirit level
Stepladder (for taller radiators)

Key	Component	Qty
A	Air Vent - 1/4”	1
B	Bracket - Box Section	2
C	Screw - Round Head, M6 x 10mm	2
D	Screw - Pan Head, M6 x 20mm	2
E	Bracket - Alloy	2
F	Wall Plug	3
G	Wall Stay	1
H	Screw - Hex Head, 7mm dia x 100mm	2
I	Cap	2
J	Screw - Hex Head, 7mm dia x 60mm	1
K	Air Vent Key	1



Assembly Instructions

If radiator is to be fitted with a Supplementary Heater it must be fitted first as there may be insufficient clearance to fit later. (Refer to Supplementary Heater 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).

Attach brackets (B) to lugs with screws (C) as shown, ensuring adjustment screw hole is uppermost, and insert adjustment screws (D) a few turns.

Attach wall stay (G) to lower lug.

Accurately mark out upper bracket holes on wall using spirit level, to dimensions as shown on Technical Data Sheet.

Drill two 10mm diameter holes to a minimum depth of 80mm & insert wall plugs (F). Screw alloy brackets (E) into wall plugs (F) with 7mm diameter x 100mm screws (H).

Hang radiator onto alloy brackets (E).

Tighten adjustment screws (D) down fully and then release as necessary to level radiator.

Cover adjustment screws (D) with caps (I).

Adjust wall stay (G) to position radiator parallel to wall.

Mark wall through slot in wall stay (G), move stay aside and drill 10mm diameter hole to a minimum depth of 65mm. Insert wall plug (F), reposition wall stay (G) with slot over hole & insert 7mm diameter x 60mm screw (J). Fasten to wall.

Plumb radiator to heating circuit with flow opposite air vent.