



All dimensions shown are in millimetres

- Test pressure: **24 BAR**
- Max. working pressure: **16 BAR**
- Max working temperature: **120° C**
- Aluminium construction: **cast headers with 35mm dia tubes**
- Connections: **½ inch BSP bottom opposite end tappings**

Heat output determined in accordance with EN 442

Manufactured for Bisque by Fondital of Italy

Model	Output ΔT=30K Watts	Output ΔT=50K Watts	n	Water Content litres	Weight kg	Height ± 2mm	Length ± 2%	Fixing Centres ± 2mm
TEWT-148-30	417	818	1.321	14.2	11	1484	300	n/a
TEWT-148-40	556	1091	1.321	18.9	14	1484	400	n/a
TEWT-148-50	695	1364	1.321	23.6	18	1484	500	n/a
TEWT-178-30	500	980	1.318	17.1	12	1784	300	n/a
TEWT-178-40	667	1307	1.318	22.8	16	1784	400	n/a
TEWT-178-50	834	1635	1.318	28.5	20	1784	500	n/a
TEWT-178-60	1001	1961	1.318	34.2	24	1784	600	n/a

## Tools & Material Required

Suitable valves  
 PTFE tape  
 Silicone thread sealant  
 Tape measure  
 Allen key - 13mm & 12mm (when installing Bisque valves)  
 Screwdriver  
 Electric drill  
 Masonry drill bit - 10mm diameter  
 Spirit level  
 Stepladder

Key	Component	Qty
A	Diverter	1
B	Plastic Spanner	1
C	End Cap - righthand thread	2
D	End Cap - lefthand thread	2
E	Air Vent	1
F	Blanking Plug	1
G	Cap	2
H	Wall Plug*	3
I	Collar	3
J	Screw - dia 6 x 65*	3
K	Bracket	3
L	Adjusting Screw	3
M	Clamp - lefthand	3
N	Clamp - righthand	3
O	Screw M5	3
P	Nut M5	3
Q	Bracket Cover	3
R	Towel Rail Assy	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'.

Using the handle of a screwdriver, push diverter (A) into flow side until resistance is felt (about 35mm).

Using plastic spanner (B) and ensuring o-rings are seated properly, screw end caps (C & D) to radiator. Please note that two of the caps have a lefthand thread so will need to be screwed in anti-clockwise.

Fit air vent (E), blanking cap (F) and cover caps (G).

Accurately mark out 3 bracket holes on wall to dimensions as shown on Technical Data Sheet.

Drill 10mm diameter holes in wall to a minimum depth of 65mm and insert wall plugs (H).

Ensuring collar (I) is around screw (J), fix brackets (K) to wall.

Loosely fit adjusting screw (L) into top of bracket (K).

Assemble lefthand (M) and righthand (N) clamps onto radiator using screw (O) and nut (P).

Hang radiator onto wall and level using adjusting screw (L).

Fit bracket cover (Q).

Fit towel rail assy (R) - see separate instructions.

Plumb radiator to heating circuit with flow opposite air vent.

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.

\*The screws & plugs supplied are for solid walls only. Please use appropriate fixings for the type of wall that the radiator is being installed onto.

