Zehnder Osbourne Dual Energy

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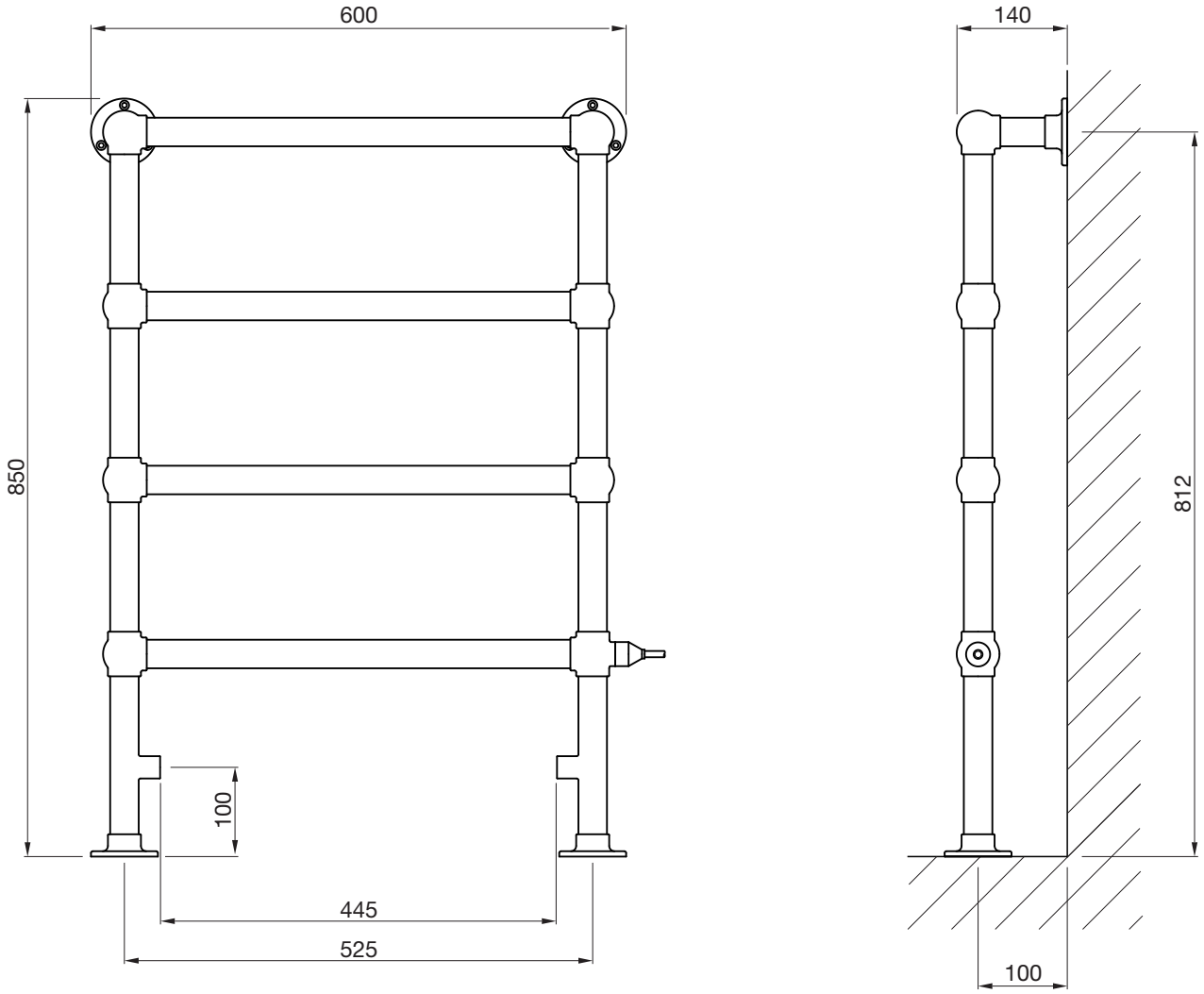

All dimensions shown are in millimetres

Test pressure:	**6.9 BAR**
Max working pressure:	**5 BAR**
Max working temperature:	**120° C**
All brass construction:	**dia 31.8mm round tubes**
Connections:	**½ inch BSP tappings**
Electrical connection:	**1.2m long flying lead (3 core)**
Immersion heater rating:	**IPX4 or better**

Heat output determined in accordance with EN 442
Test Laboratory: BSRIA

Model	**Height** *± 2mm*	**Width** *± 2mm*	**Finish**	**Immersion Output** *Watts*	**Output ΔT=50K** *Watts*	*Btu*	**Output ΔT=30K** *Watts*	*Btu*	**n**	**Weight** *kg*	**Water Content** *litres*
OSBOM/F-085-060	850	600	chrome	150	246	839	128	437	1.23	4.8	3.0

Issue 1.0

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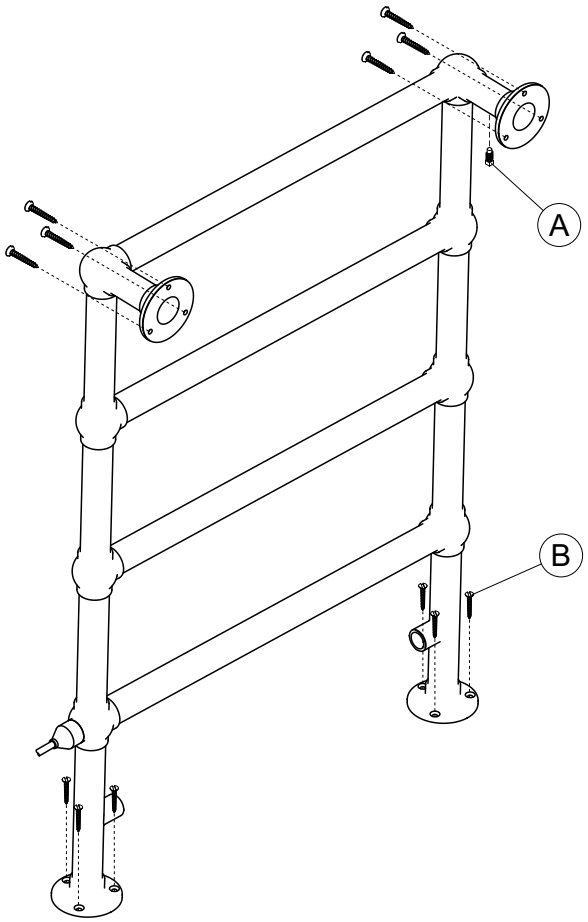
Tools & Material Required

Suitable valves
PTFE tape
Silicone thread sealant
Tape measure
Allen key - 13mm & 12mm (when installing Zehnder valves)
Spanner - 13mm & 14mm
Screwdriver - flathead
Electric drill
Masonry drill bit

Key	Component	Qty
A	Air Vent	**1**
B	Screw	**12**



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 floor & wall.

Drill twelve fixing holes. Screws (B) are supplied but ensure that appropriate fixings are used for the type of wall the radiator is being mounted on.

Screw radiator to floor & wall.

Plumb radiator to heating circuit. To enable more efficient bleeding of the radiator, it is recommended that the flow enters the radiator in the right-hand header.

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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