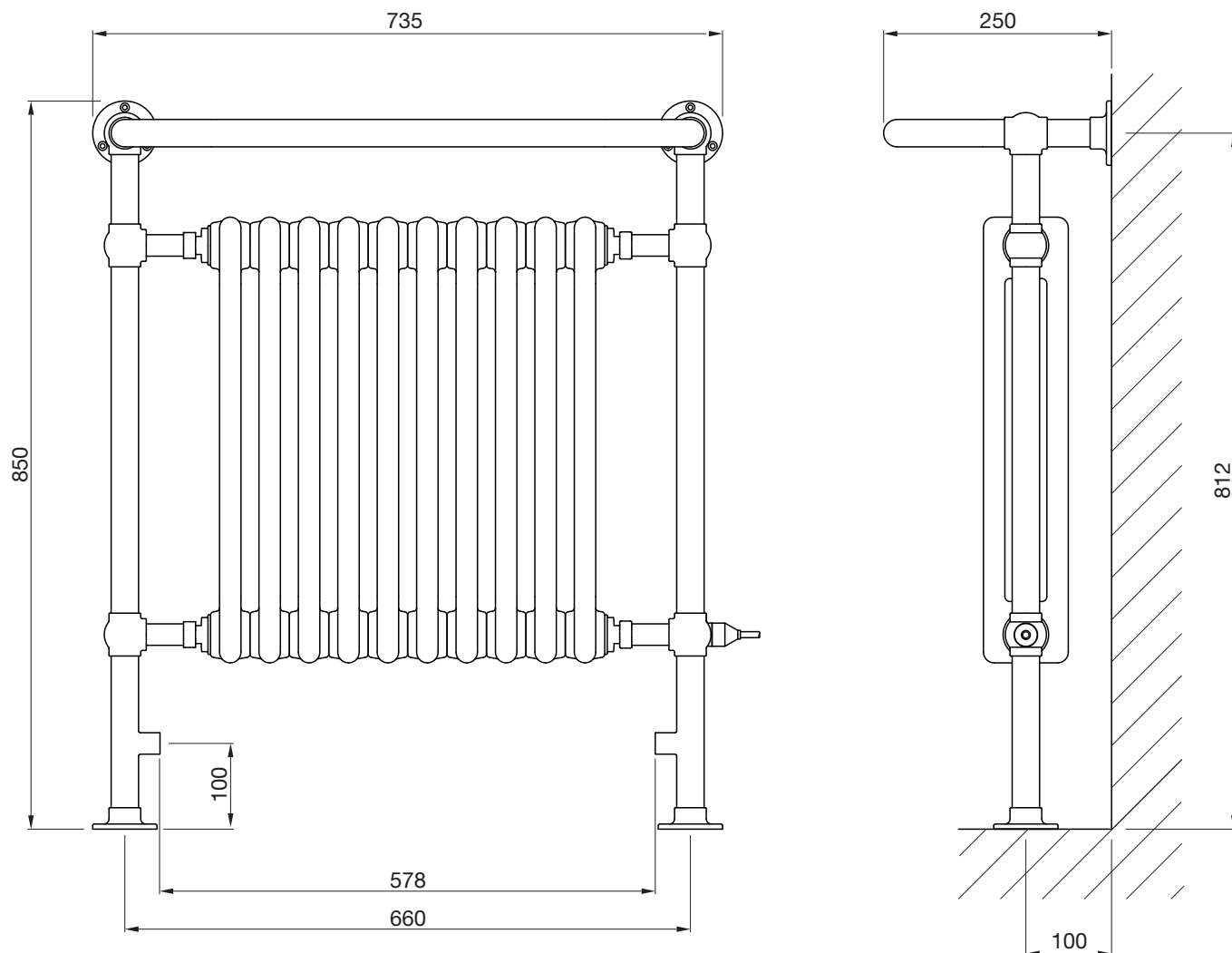


Zehnder Balmoral Dual Energy

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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**
 Inset Radiator construction: **dia 25mm round steel tubes**
 Towel rail construction: **dia 31.8mm round brass 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 | Output ΔT=50K Btu | Output ΔT=30K Watts | Output ΔT=30K Btu | n | Weight kg | Water Content litres |
|-----------------|-----------------|----------------|--------|------------------------------|---------------------------|-------------------------|---------------------------|-------------------------|------|--------------|----------------------------|
| BALMM/F-085-074 | 850 | 735 | chrome | 400 | 683 | 2330 | 355 | 1211 | 1.31 | 24 | 10 |

Issue 1.0



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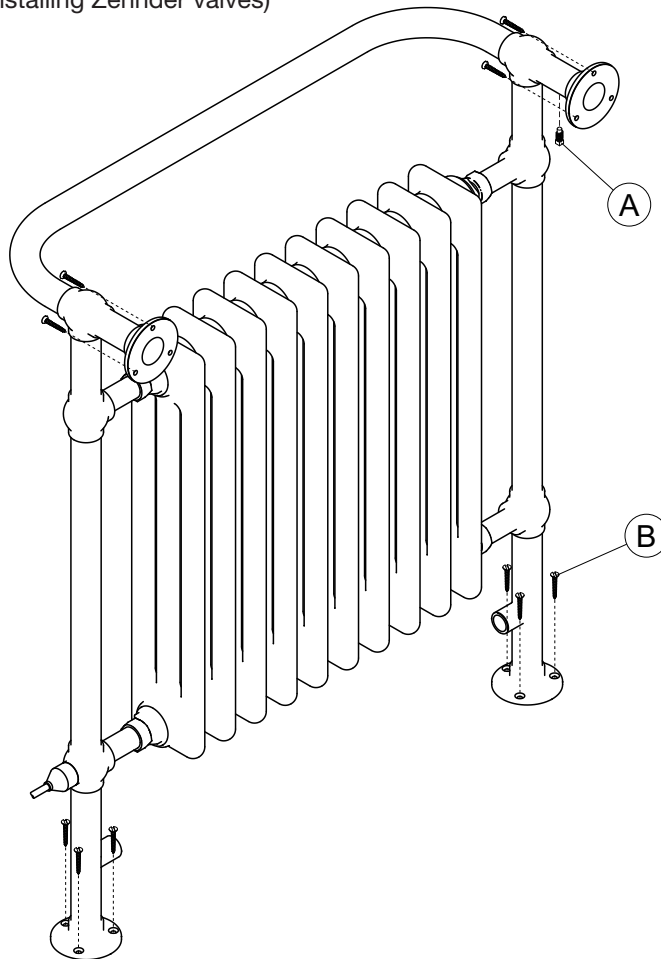
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Tools & Material Required

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.

Electric radiators should be fitted only by a qualified electrician and must be earthed and connected to a cable outlet in the bathroom in accordance with I.E.E. wiring regulations. The electrical connection should be made to a '5 amp fused fixed spur' located outside the bathroom.

Note: for maintenance purposes, cable outlets must remain accessible and cables must not be buried directly into walls.

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