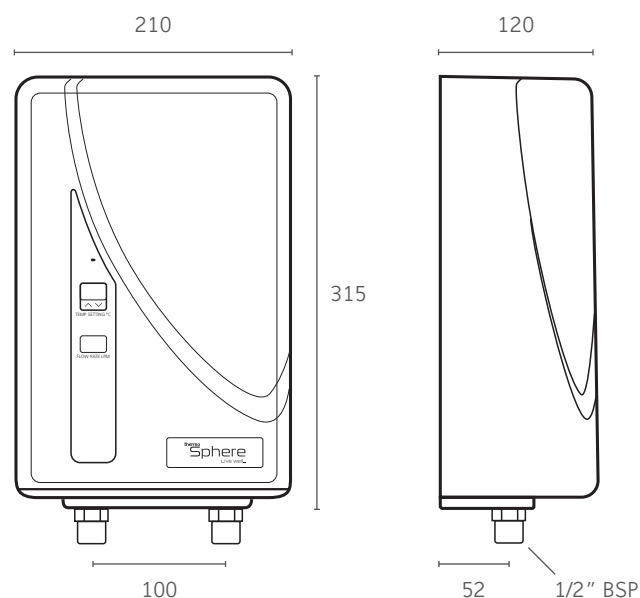


thermo Sphere

Micro Electric Boiler



The instant heating Micro Electric Boiler for heating and hot water applications. Save space, installation time and running costs compared with other electric water heaters.

- Only heat the water that you use, as you use it
- Instantly delivers a continuous flow of water heated up to a maximum temperature of 60°C
- The compact size is perfect for small spaces
- Patented direct energy transfer water heating instead of resistive wires and immersion elements
- No risk of overheating, burnout or scaling unlike traditional instantaneous hot water systems
- Double the flow rate of similar systems
- A single unit gives flow rates of up to 5.5 litres/minute with a temperature increase up 25°C
- A dual unit system gives flow rates up to 11 litres/minute with a temperature increase up 25°C
- Uses less energy to heat water by calculating energy demand based on incoming water temperature, flow rate and set water temperature.

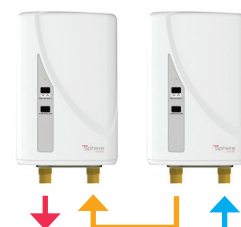
Technical data

| | |
|--------------------------|-------------------------------------|
| Output | 4.8 to 9.6 kW |
| Switch on flow rate | 1.5 litres per minute |
| Temperature selection | 20 to 60°C |
| Max operating pressure | 10 bar |
| Water conductivity range | 12.5kΩ-cm to 1.2kΩ-cm + 15% at 20°C |
| Size (mm) | W 210 x H 315 x D 120 |
| IP Rating | IP44 |
| Voltage | 240V |
| Nominal capacity | 385ml |
| Warranty | 5 years |



Single Installation Technical Data

| Model | Voltage | Max Output (kW) | Flow litres/minute +25°C increase | Current (A) | Supply cable (mm ²) |
|---------|---------|-----------------|--------------------------------------|-------------|------------------------------------|
| TSMEB-4 | 240 | 4.8 | 2.8 | 20 | 2.5 |
| TSMEB-6 | 240 | 6.0 | 3.4 | 25 | 4.0 |
| TSMEB-7 | 240 | 7.2 | 4.1 | 30 | 4.0 |
| TSMEB-8 | 240 | 8.4 | 4.8 | 35 | 6.0 |
| TSMEB-9 | 240 | 9.6 | 5.5 | 40 | 6.0 |



Dual Installation Technical Data

| Model | Voltage | Max Output (kW) | Flow litres/minute +25°C increase | Current (A) per unit | Supply cable (mm ²) per unit |
|-------------|---------|-----------------|--------------------------------------|-------------------------|---|
| TSMEB-4 x 2 | 240 | 9.6 | 5.6 | 20 | 2.5 |
| TSMEB-6 x 2 | 240 | 12.0 | 6.8 | 25 | 4.0 |
| TSMEB-7 x 2 | 240 | 14.4 | 8.2 | 30 | 4.0 |
| TSMEB-8 x 2 | 240 | 16.8 | 9.6 | 35 | 6.0 |
| TSMEB-9 x 2 | 240 | 19.2 | 11.0 | 40 | 6.0 |