



SEE P.111
For InLine
accessories

Zip InLine ES

Electronic instantaneous water heater

Single outlet for hand washing

Features and benefits

- Compact electronically controlled instantaneous water heater for hand washing.
- The most energy efficient way to directly heat water, electrically.
- Stainless steel bare wire heating element for fast heat up.
- Innovatively designed system that heats water automatically as it flows through.
- No standing heat loss.
- Sophisticated electronics monitor outlet temperature and adjust power to ensure a consistent temperature.

Operation

Heating power is switched on automatically once the minimum flow rate is exceeded.

Power rating

- ES3: 2.8kW @ 230V
- ES4: 4.4kW @ 230V
- ES6: 5.5kW @ 230V

Heating system

Bare wire heating system for fast response.

Product selection

Instantaneous water heating is the most efficient available, however, delivered water temperature is dependent on local incoming water temperature and supply voltage. Quoted performance assumes 12°C incoming water temperature and 230V supply.

Temperature setting

Temperature and flow adjustable at time of installation.

Safety

Water temperature electronically controlled to maintain factory setting of 38°C. Mechanical safety thermal limiter to prevent over temperature heating.

Case

Impact resistant plastic.

Plumbing

- The system is intended for connection to a wholesome water supply. It should be installed by a suitably qualified person.
- Minimum water pressure of two bar.
- Please note it is not recommended for use with thermostatic mixing valves or taps.

ErP rating

Class A

IP rating

IP25

Warranty

One year warranty.

Location

The system must be installed in a frost-free environment positioned within 0.5 metres of the outlet to minimise heat loss.

Electrical

Connect to a 13 amp fused spur. Installation must comply with current IEE regulations. A one metre power cable is provided. Product must be protected by an RCD.

*Maximum temperature increase @ 230V and a flow rate of:	ES3	ES4	ES6
1.5 litres/min	27°C	42°C	52°C
1.7 litres/min	24°C	37°C	46°C
2 litres/min	20°C	34°C	40°C
2.5 litres/min	-	25°C	31°C
3 litres/min	-	-	26°C
Switch on flow rate (l/min)	1.2	1.5	1.5
Switch off flow rate (l/min)	1	1.3	1.3

* All figures assumed at a 12°C incoming supply rate and rounded to the nearest degree.

Product code	Power rating kW @ 230V	38°C max flow rate litres per min	ErP rating	W x D x H (mm)
ES3	2.8	2	A	187x80x135
ES4	4.4	2.5	A	187x80x135
ES6	5.5	3.3	A	187x80x135