



SEE P.140
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 - affordable and reliable.
- Stainless steel bare wire heating element for quick water heat up time.
- Innovatively designed system that heats water automatically as it flows through.
- No standing heat loss - the InLine ES has unrivalled energy efficiency.
- 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	-	-
1.7 litres/min	24°C	-	-
2 litres/min	-	31°C	-
2.5 litres/min	-	26°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



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Mixer tap (MT) pack*

- + ES instantaneous water heater
- + Single lever mixer tap complete with braided hoses
- + 50cm braided hose for connection to heater
- + Flow rate adjuster for cold supply to tap
- + Non-return valve for hot supply to tap
- + T piece connector

* Isolating valve NOT supplied

Product code	Tap type	Power rating kW @ 230V	38°C max flow rate litres per min
ES3/NC	Non-convulsive	2.8	2
ES4/NC	Non-convulsive	4.4	2.5
ES6/NC	Non-convulsive	5.5	3.3
ES3/MT	Single lever mixer	2.8	2
ES4/MT	Single lever mixer	4.4	2.5
ES6/MT	Single lever mixer	5.5	3.3
ZL018	Matching non-convulsive cold tap		



Non-convulsive



Mixer tap

Zip InLine ES

Instantaneous hand wash packs complete with heater, tap and fittings

These packs provide an installer with the ES heater, compatible tap and a comprehensive plumbing kit including flexible hoses and fittings to ensure a quick and easy system installation.

The packs are offered in a choice of three power ratings, with non-convulsive or mixer tap.

Non-convulsive (NC) pack*

- + ES instantaneous water heater
- + Non-convulsive single outlet tap
- + 50cm braided hose for connection to heater
- + 50cm braided hose for connection to tap

* Isolating valve NOT supplied