



Zip InLine ES

Electronic instantaneous water heater

Single outlet



Features

Compact electronic instantaneous water heater with highly energy efficient bare-wire heating system for economic water supply to a single outlet

The innovatively designed appliance heats the water automatically as it flows through, without wasting energy in standby operation

The heating power electronically compensates for variable inlet pressures and temperatures

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Model	ES3	ES4	ES6
Capacity		0.2 litres	
Nominal pressure		10 bar	
Required specific water resistance @ 15°C	>1300 ohm.cm	>1000 ohm.cm	>1000 ohm.cm
Water connections		1/2" BSP	
Element type		Bare wire	
Electricity supply		230V	
Nominal power rating @ 230V	2.8kW	4.4kW	5.5kW
Nominal current	13A	20A	25A
Temperature adjustment		30°C - 50°C	
Factory set temperature		38°C	
Maximum inlet temperature		30°C	
Factory set flow rate at 3 bar	2.0 litres/min	2.5 litres/min	3.3 litres/min
Maximum temperature increase at rated power and a flow rate of:			
2.0 litres/min	20°C	31°C	39°C
2.5 litres/min	16°C	25°C	31°C
3.0 litres/min	13°C	21°C	26°C
3.5 litres/min	11°C	18°C	22°C
4.0 litres/min	10°C	16°C	20°C
Switch on flow rate	1.2 litres/min	1.5 litres/min	1.5 litres/min
Switch off flow rate	1.0 litres/min	1.3 litres/min	1.3 litres/min
Filled weight		1.5kg	
Dimensions (H x W x D)		132mm x 187mm x 80mm	
Protection class (IEC 529)		IP24	

Optional Touch Free Taps



TF001—Touch-free, long reach, basin/sink tap. Mains powered.

TF002—Touch-free, long reach, basin/sink tap. Battery powered.

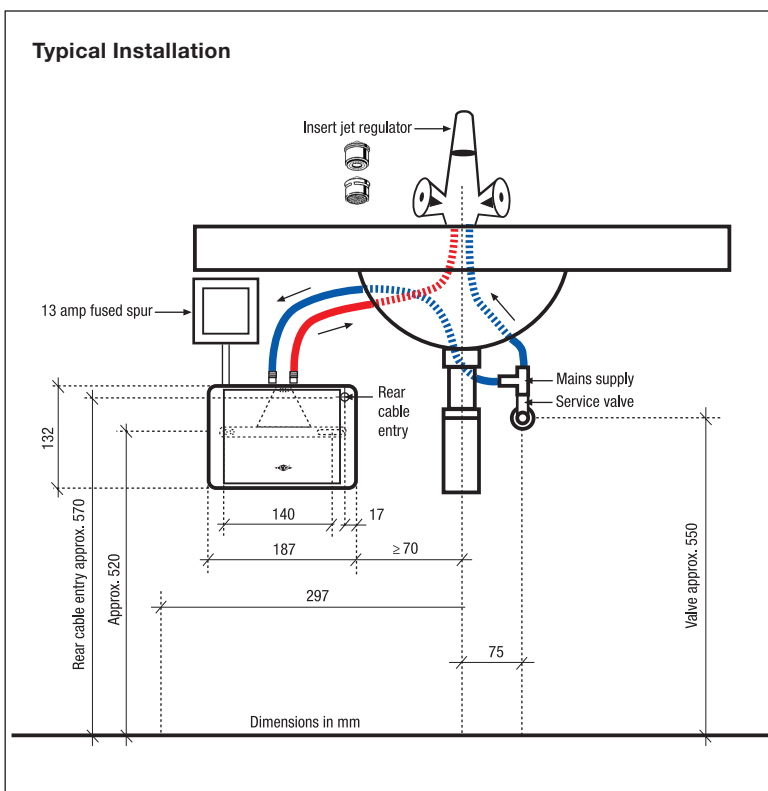


TF003—Touch-free, standard reach, basin/sink tap. Mains powered.

TF004—Touch-free, standard reach, basin/sink tap. Battery powered.

IMPORTANT For correct operation of the ES models it is essential that the special tap nozzle supplied with the heater is fitted to the tap spout. Only taps, such as those indicated above, with removable M22/24 nozzles should be used.

Typical Installation



Description

- The ES is designed to provide hot water for handwash in areas where space is limited
- Heating power controlled electronically for temperature stabilisation
- Outlet temperature can be preset inside the unit between 30°C and 50°C (factory set at 38°C)
- Flow adjustment control, preset for a temperature increase of 25k
- Stainless steel bare-wire heating system for very quick response
- Double pole thermal cut-out protection

Approvals

WRAS approval and CE endorsed.

Warranty

One-year on site parts and labour. For full details of the Zip Warranty Scheme visit: www.zipheaters.co.uk/warranty.

Installation

Location

The appliance must be installed in a frost free environment. Zip ES products comply with IP24 and may be installed in zone 1. The unit should be installed as close as possible to the outlet to avoid heat loss.

Plumbing

The appliance is intended for connection to the mains water supply. It should be installed by a suitably qualified person.

The appliance may be used as an unvented installation (as shown in the diagram below) or as a vented installation.

Electrical

The appliance must be earthed and connected to the mains supply by means of permanent wiring through suitable isolation having a contact separation of 3mm in all poles and may only be operated if measures have been taken to protect against shock-hazard voltages.

Installation must be installed in accordance with current IEE regulations

Technical Support

Contact Zip on 0800 077 8302

Maintenance

For ongoing service contracts call 0800 077 8302

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