



# Zip InLine ES

## ELECTRONIC INSTANTANEOUS WATER HEATER

SINGLE OUTLET FOR HAND WASHING

### FEATURES AND BENEFITS

- Compact electronically controlled instantaneous water heater for hand washing.
- Bare-wire for fast heat up.
- Innovatively designed appliance that heats the water automatically as it flows through.
- No standing heat losses.
- Heating power automatically adjusted to compensate for variable inlet pressure and temperature.
- Supplied with 700mm of pre-wired cable.
- Outlet temperature factory set to 38°C, but can be installer adjusted between 30°C to 43°C.
- Intended for use with taps having removable M22/M24 nozzles.
- External flow regulation.
- Easier servicing.
- Easy to install with re-designed, improved wall bracket.

### OPERATION

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

### RATING

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

### HEATING SYSTEM

Bare-wire heating system for fast response.

### SAFETY FEATURE

Water temperature electronically controlled to maintain factory setting of 38°C.

### TEMPERATURE SETTING

Temperature and flow adjustable at time of installation.

### ERP RATING

Class A

### IP RATING

IP 25.

### 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.

### CASE

Impact resistant plastic.

### APPROVALS

WRAS, VDE, CE endorsed.

**Taps Important.** For correct operation, it is essential that the special tap nozzle supplied is fitted to the tap spout. Nozzles supplied to suit M22/24 taps should be used.

### WARRANTY

One-year on site parts and labour. For full details of the Zip Warranty Scheme visit: [www.zipwater.com/uk/support/warranty-policy](http://www.zipwater.com/uk/support/warranty-policy)

### LOCATION

The appliance must be installed in a frost free environment.

### 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 or vented installation.

N.B. Not recommended for use with thermostatic mixing valves or taps.

### ELECTRICAL

The appliance must be earthed and connected to the supply by means of permanent wiring through suitable isolation having a contact separation of at least 3mm in all poles. Installation must comply with current IEE regulations.

# Zip InLine ES



## TECHNICAL DATA

Maximum temperature increase @230V and a flow rate of:	ES3	ES4	ES6
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 (l/min)	1.2	1.5	1.5
Switch off flow rate (l/min)	1.0	1.3	1.3

Product Code	Product	Power rating kW@230V	*38°C Max Flow rate ltrs/min	Dimensions W x D x H (mm)
ES3	Zip InLine	2.8	1.5	187 x 80 x 132
ES4	Zip InLine	4.4	2.4	187 x 80 x 132
ES6	Zip InLine	5.5	3.0	187 x 80 x 132

\*Quoted performance assumes 12°C incoming water temperature and 230V supply.



# Zip InLine CEX

## OVER AND UNDERSINK ELECTRONIC INSTANTANEOUS WATER HEATERS FOR SINGLE OR MULTIPLE OUTLETS

### FEATURES AND BENEFITS

- The most energy efficient way of heating water electrically.
- Highly efficient bare wire heating system.
- Zero standing heat loss as no stored water.
- Instant hot water.
- Provides a constant\* supply of hot water at exactly the temperature selected.
- Heating power adjusted electronically to compensate for variable inlet pressures and temperatures.
- Required temperature can be set using two touch sensitive keys within the range 30°C to 55°C with digital display.
- Maintains precise temperature control despite fluctuations in voltage and water pressure.
- Suitable for use with preheated water from solar systems.
- Power rating can be selected at time of installation.
- Optional wireless control (ZL016).
- CEX-O for oversink CEX-U for under-sink installation.

### RATINGS

6.6kW/8.8kW. Selected at installation.

### HEATING SYSTEM

Bare-wire system.

### ERP RATING

Class A

### IP RATING

Over-sink IP25. Under-sink IP24.  
Both suitable for Zone 1.

### APPROVALS

WRAS, VDE & CE endorsed.

### WARRANTY

1 year on site parts and labour. For full details visit:  
[www.zipwater.com/uk/support/warranty-policy](http://www.zipwater.com/uk/support/warranty-policy)

### LOCATION

The appliance must be installed in a frost free environment. In order to minimise thermal losses the distance between the appliance and the outlet fitting should be as short as possible.

### PLUMBING

The appliance is intended for connection to a mains potable water supply. The specific water resistance of the supply must not fall below the minimum specified on the rating plate. Minimum flow rate 2 litres/min. Should be installed by a suitably qualified installer of electric instantaneous water heaters.

### ELECTRICS

The appliance must be earthed and be connected to the supply by means of permanent wiring, through an isolation switch, having a contact separation of at least 3mm on all poles and protected by a suitably rated circuit breaker. The cross sectional area of the connection cable must be in accordance with the power rating of the appliance. The installation must be in accordance with current IEE regulations.

\* Subject to a minimum water pressure of 2 bar and maximum of 10 bar

# Zip InLine CEX



## TECHNICAL DATA

Maximum temperature increase @230V and a flow rate of:	
3.0 liters/min	31°C- 42°C
4.0 liters/min	24°C- 31°C
5.0 liters/min	19°C- 25°C
6.0 liters/min	16°C- 21°C
Switch on flow rate (l/min)	2.0

Product Code	Power rating kW @230V	50°C Max Flow rate ltrs/min	38°C Max Flow rate ltrs/min	Temp. range (°C)	Dimensions W x D x H (mm)
CEX-O	6.6 - 8.8	2.5 - 3.3	1.5	30 - 55	177 x 108 x 294
CEX-U	6.6 - 8.8	2.5 - 3.3	2.4	30 - 55	177 x 108 x 294



# Zip InLine DEX, DEX12 & DBX

## ELECTRONIC INSTANTANEOUS WATER HEATERS FOR SINGLE OR MULTIPLE OUTLETS

### FEATURES AND BENEFITS

#### ALL MODELS

- The most energy efficient way of directly heating water electrically.
- Highly efficient bare wire heating system.
- Zero standing heat loss as no stored water.
- Instant hot water.
- Provides a constant\* supply of hot water at exactly the temperature selected.
- Heating power adjusted electronically to compensate for variable inlet pressures and temperatures.
- Maintains precise temperature control despite fluctuations in voltage and water pressure.
- Optional remote control temperature selection (using ZL017).

#### DBX

Outlet temperature set to 50°C adjustable inside the appliance from 30°C to 60°C.

#### DEX

If required, two temperature settings can be set, using the touch sensitive keys within the range 20°C to 60°C. (20°C to 55°C for DEX12), with digital display of the selected temperature.

Suitable for use with preheated water from solar systems (not DEX12).

Power rating can be selected at time of installation.

#### RATINGS

DEX12 8.8-11kW (adjustable) DEX 18-27kW (adjustable)  
DBX 18kW, 21kW, 24kW & 27kW.

#### HEATING SYSTEM

Bare-wire system.

#### ERP RATING

Class A.

#### IP RATING

IP 25 - Suitable for Zone 1

#### APPROVALS

WRAS, VDE & CE endorsed.

#### WARRANTY

1 year on site parts and labour. For full details visit:  
[www.zipwater.com/uk/support/warranty-policy](http://www.zipwater.com/uk/support/warranty-policy)

#### LOCATION

The appliance must be installed in a frost free environment. In order to minimise distribution losses the distance between the appliance and the outlet fitting should be as short as possible (less than 2m).

#### PLUMBING

The appliance is intended for connection to a mains potable water supply. The specific water resistance of the supply must not fall below the minimum specified on the rating plate.

Minimum flow requirements: 2 litres/min.

Should be installed by a suitably qualified person.

**N.B.** Not recommended for use with thermostatic mixing valves or taps.

#### ELECTRICAL

The appliance must be earthed and connected to the supply by means of permanent wiring through an isolation switch having a contact separation of at least 3mm on all poles and protected by a suitably rated circuit breaker.

The cross sectional area of the connection cable must be in accordance with the power rating of the appliance.

The installation must be in accordance with current IEE regulations.

\* Subject to a minimum water pressure of 2 bar and maximum of 10 bar

# Zip InLine DEX, DEX12 & DBX



## TECHNICAL DATA

	DEX12	DEX	DBX18	DBX21	DBX24	DBX27
Temperature adjustment range	7.5°C- 55°C	20°C- 60°C	30°C- 60°C			
Maximum inlet temperature	25°C	70°C	30°C			
Maximum flow rate (litres/min)	5.0	8.0	7.0	8.0	8.0	9.0
Pressure loss @ 2.5 l/min	0.2 bar					
Pressure loss @ 9.0 l/min	1.3 bar					

Product Code	Power rating kW	50°C Max Flow rate ltrs/min	38°C Max Flow rate ltrs/min	Dimensions W x D x H (mm)
DEX12	8.8 - 11.0*	3.3 - 4.1	4.8 - 6.1	231 x 97 x 466
DEX	18.0** - 27.0***	6.8	9.8 #	231 x 97 x 466
DBX18	18.0**	6.8	9.8 #	231 x 97 x 466
DBX21	21.0**	7.9	11.4 #	231 x 97 x 466
DBX24	24.0**	9.0 #	13.0 #	231 x 97 x 466
DBX27	27.0***	10.2 #	14.8 #	231 x 97 x 466

\* 1/N/PE 230V \*\* 3/PE 280-4150V \*\*\* 3/PE 400V  
# mixed with cold water at the tap