

Zip InLine® DEX, DEX12 & DBX

Electronic Instantaneous Water Heaters for Single or Multiple Outlets



Ph:01-4508822

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.

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.zipheaters.co.uk/warranty

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



DBX



DEX

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

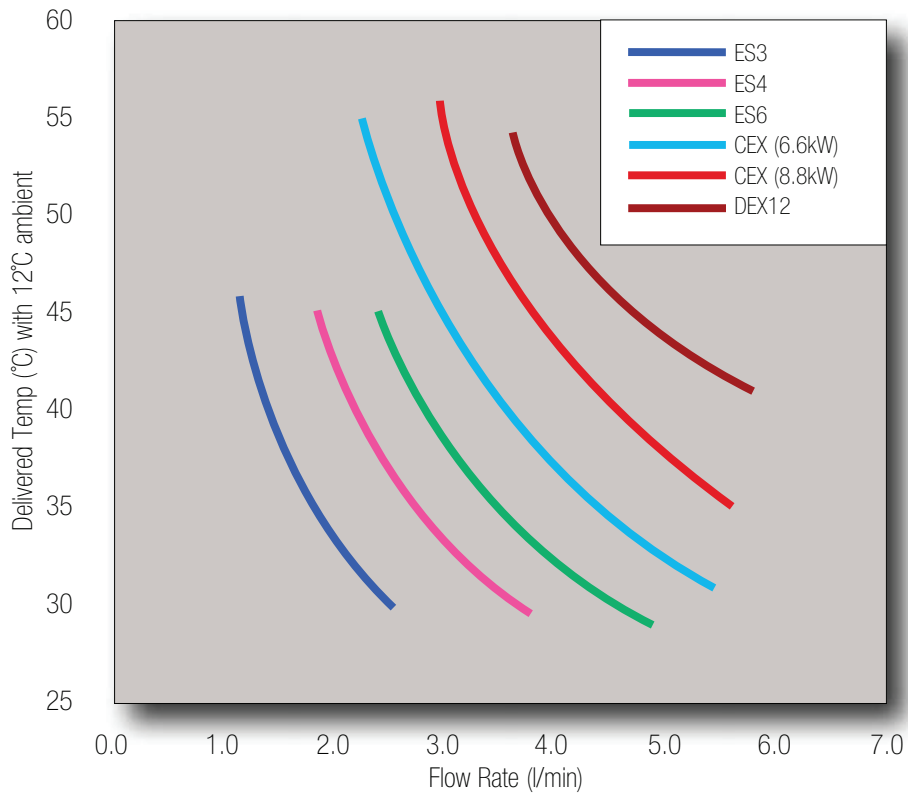
☒ mixed with cold water at the tap

Zip InLine

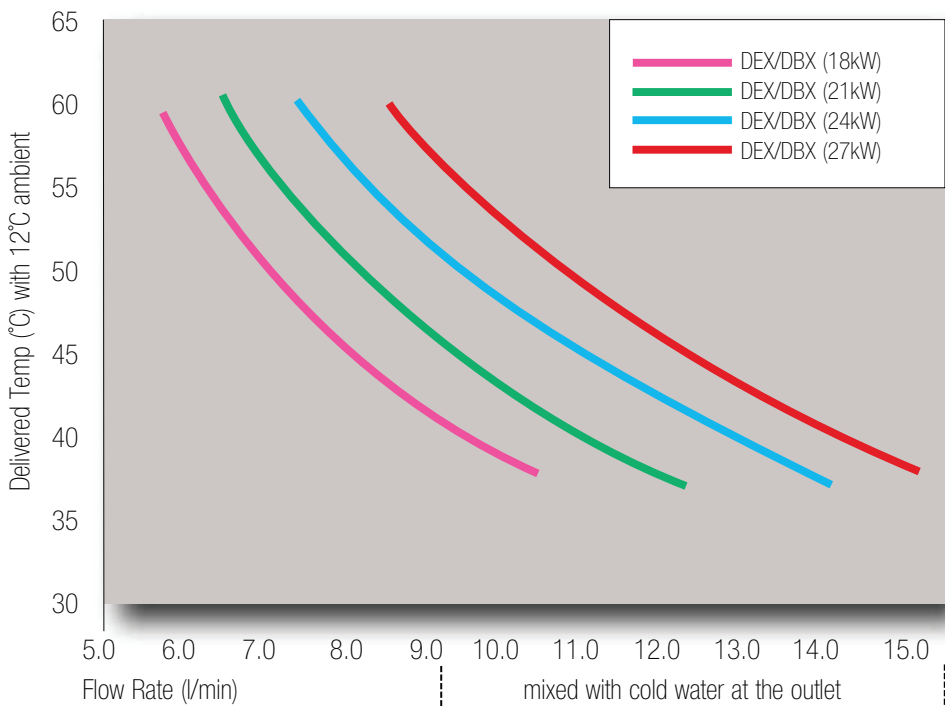
Instantaneous water heating

Instantaneous flow and temperature rise chart

Single Phase



Three Phase



Zip InLine

Accessories

Optimum performance

For the best results from the Zip InLine products the following tap spray nozzles, handsets and remote control should be used.

**Tap spray nozzle**

Code	Type	Flow rates
ZL002	22mm female thread	2.0 litres/min
ZL003	24mm male thread	2.0 litres/min

**Tap aerator nozzle**

ZL008	15mm insert	3.5 litres/min (ES6)
ZL004	22mm female thread	3.5 litres/min
ZL005	24mm male thread	3.5 litres/min

**Shower hand set**

ZL006	Fixed pattern	4.0 litres/min
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**Shower hand set**

ZL007	4 mode adjustable	4.0 litres/min
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Touch-free taps for use with Zip InLine



1



2

1 Long reach basin/sink tap

TF001—Mains powered

TF002—Battery powered



3



4

2 Standard reach basin/sink tap

TF003—Mains powered

TF004—Battery powered

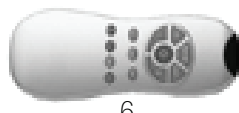
3 Tubular wall mounted tap

TF005—Battery powered

TF006—Mains powered



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6

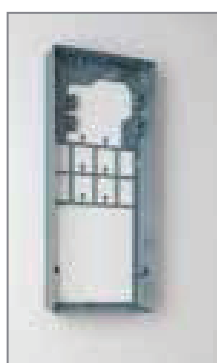
4 Tubular deck mounted tap

TF007—Battery powered

TF008—Mains powered

5 Pillar tap

TF009—Dual powered



7

6 Remote control

TF100 for 3, 4 & 5

7 Remote control

ZL016 for CEX

ZL017 for DEX

8 Installation Frame

ZL020 for DEX & DBX

8