

Zip InLine DEX, DEX12 & DBX

Electronic instantaneous water heaters for single or multiple outlets



Product Features (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

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

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