INSTRUCTION MANUAL

DXI35DT/DXI55DT INSTANT ELECTRIC WATER HEATER

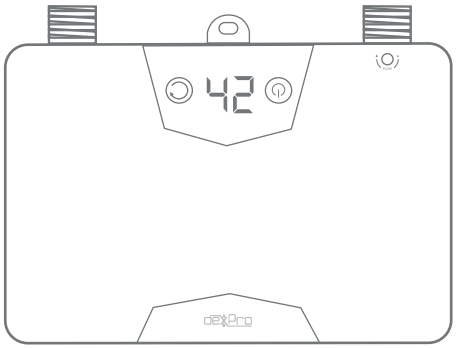

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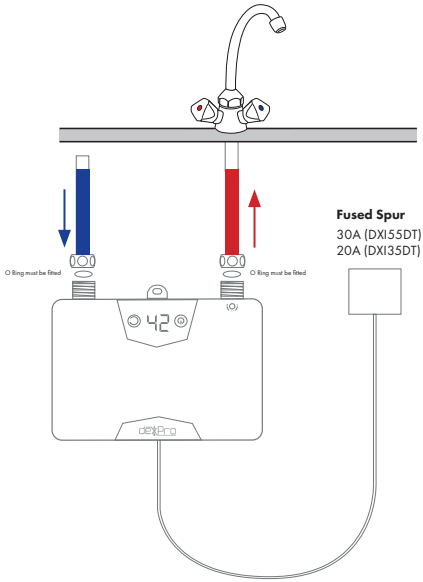
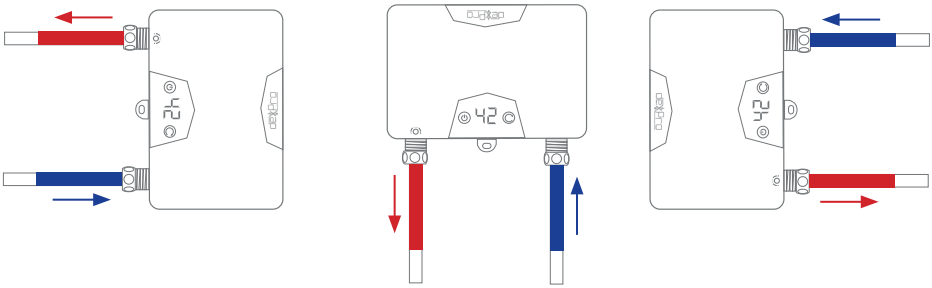
Illustration



ORIENTATION

The unit can be mounted in any orientation



Introduction

Thank you for selecting our electric instant water heater.

These instructions contain important information about commissioning, switching the device on and maintenance. To ensure your safety and that of others we suggest that you read these installation and operating instructions before using the device for the first time. Please keep the instructions and other documentation close to the device.

This device has been manufactured in accordance with the prescribed standards and has been tested by the competent authorities. It has a Safety Certificate and a Certificate of Electromagnetic Compatibility. The technical data for the product is displayed on the label between the inlet and outlet pipes.

The appliance should be installed by qualified persons. All repair and maintenance work on the device, for example the removal of limestone and water scale deposits, may only be carried out by a qualified plumber/tradesperson.

These electric instant water heater are ideal for use in light commercial or domestic applications where supply to a single sink is required for light hand (DXI35DT) or dish washing (DXI55DT). Its modern design and the use of carefully selected materials and an improved manufacturing process ensure high quality.

	Complies with the basic safety standards set by European Directives
	Failure to observe the instructions identified by this symbol may endanger persons. Failure to observe the instruction identified by this symbol may lead to damage to the heater.
	Indicates an electrical hazard. Failure you to observe this symbol may endanger persons. Failure to observe the instruction identified by this symbol may lead to damage to the heater.
	Read the manual
	Faulty and/or electrical or electronic appliances that are disposed of must be handed in at the relevant recycling centres set up for this purpose.

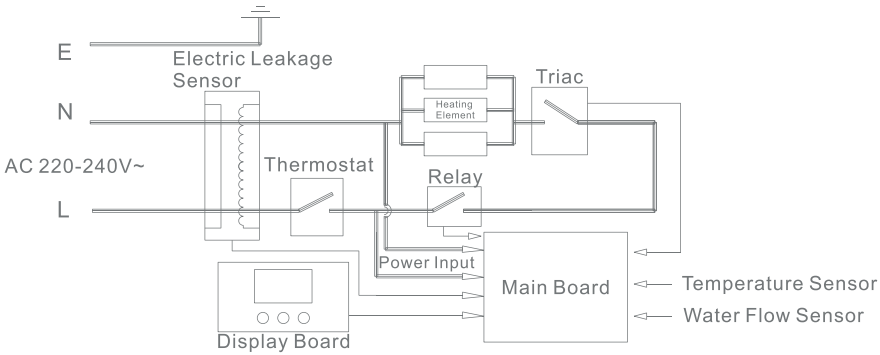
This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Environment

This device is delivered in sturdy packaging in order to avoid damage during transport. This packaging consists mainly of recyclable materials. We request that you dispose of the packaging accordingly for recycling.

Wiring Diagram



REMARKS: DESIGN IS SUBJECT TO CHANGE WITHOUT NOTICE.

Installation

The device should be installed in accordance with the drawing on the first page of the user manual. Any other installation position may result in serious damage to the device. Installation should take place as close as possible to a cold water connection. The product should be protected from the effects of frost (for example in caravans, summer houses, etc.).

This unit should not be installed in a location where it is at risk of freezing.

This unit is not to be used with thermostatic mixing valves/taps or for supplying a mixer tap.

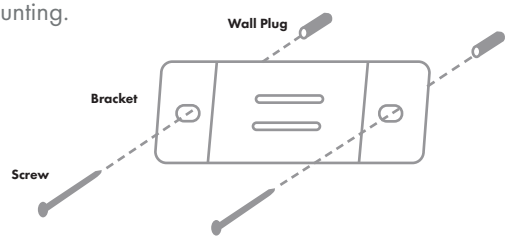
- When installing, consider any risks posed by potential leaks from the product or pipework. Avoid installation in areas where a leak could have potentially severe consequences, such as near electronic equipment
- Check for potential freezing of the pipework or heater and take action if required, such as lagging supply pipes.
- The heater should be located as close as practical to the hot water outlet as this avoids heat losses through the pipework and improves performance.

This system allows water to be drawn from a single discharge point. Never use a shut-off valve in the appliance's outlet. The connection pipes must be installed as shown in the drawing.

It is recommended that a 2 Litres (DXI35DT) or 3 Litre (DXI55DT) per minute flow restrictor/ spray head be used in the hot outlet tap.

Mounting

This unit is supplied with two screws/rawl plugs, use the wall bracket to mark out their position for mounting.



Drill holes in the marked positions, push the rawl plugs into postion and fix the screws in place. Allow screw heads to protrude a few millimetres. Slot the unit on the screws.

Connection to the water supply

The device must be installed as shown in the installation drawing on the first page of this manual.

- Blue connect of the device is the cold water inlet, Red connection is the hot water outlet.
- Prepare the water connections to the tap. Make sure main water supply is switched off.
- Install the device by using the plastic installation bracket which is supplied with the device. **Make sure main power is switched off.**
- Connect the water supply to the device and to the main water supply.
- Open the main water supply and check for leakage and release air from the system by opening the hot water tap.
- When air has left the system, connect the device to the electric system.
- Heater should now function!

Note: Outlet flow is adjustable via screw on front of unit (Adjustment tool supplied).

Electrical Connection

Ensure the system must be full of water and tested for leaks before powering on the unit

Electrical installation must be carried out by a qualified electrician in accordance with the latest edition of the IEE wiring regulations.

Ensure the heater is earthed.

Isolate electric and water supply before electrical installation.

Ensure all wiring provisions meet the specifications of the heater as stated on the rating label and 'Specification' section of this manual.

The power cable can be surfaced clipped, hidden or via 20mm conduit.

Specifications

Model	DXI55DT	DXI35DT
Rated Power (kW)	5.5	3.5
Recommended cable size (mm^2)	≥ 2.5	≥ 1.5
Recommended Amps	30	20
Rated Voltage	AC220V~	
Frequency	50/60Hz	
Operating Water Pressure	0.05~0.6MPa	
Waterproof Rating	IPX4	
Rated Pressure	0.6MPa	
Protection Against Electric Shock	Class I	
Over Temperature Protection	55°C	
Highest Temperature Setting	52-55°C	

User Manual

2 Function Keys

"  " Power on/off

"  " Adjust the temperature

When the unit is not switched on, press "  " key to turn the power on. Press "  " to adjust the temperature.

Usage

1. First, switch the power supply on
2. Turn on the hot tap, then press "  " key
3. Press "  " key to adjust the water temperature until desired temperature is set.
4. Use the water valve to control the water flow. The water temperature will go down when water flow is high, conversely, the water temperature will go up when the water flow rate is low.
5. Press "  " key to turn the unit off.
6. When the unit is not in use for a long time, please switch off the main power supply.

The Display Screen

1. When powered on, the screen will display the temperature.
2. The heater will stop heating when the water temperature reaches 55°C, to protect user from scalding.
4. When powered on, the unit will continue to heat the water ready for use.
5. When not in use for a long period of time, we recommend switching off the unit at the main supply.

Trouble Shooting

Failure	Cause	Remedy
Leakage in the joint of inlet and outlet pipe.	A.Bad connection of inlet and outlet pipe. B.The rubber washer is damaged.	A.Reconnect the pipe. B.Replace the washer.
The water temperature is too high.	A.Water flow is too low. B.Pipeline jam. C.The power or temperature is set too high.	A.Adjust the valve to increase the water flow. B.Clear the inlet filter and tap outlet. C.Select lower power level or turn down the temperature.
The water is too cold.	A.The water flow is too large. B.The voltage is too low. C.The power is too low.	A.Adjust the valve to decrease the water flow. B.Check if the voltage is too low or not. C.Select higher power grade.
Water temperature is unstable.	The voltage or water pressure is unstable.	The voltage & water pressure are back to normal.
Slow/low water flow.	The inlet filter or tap is blocked by water impurities.	Remove the water pip, clean the inlet filter/tap outlet.
ELCB (Earth leakage circuit breaker) switch off the power.	A.Leakage of electricity. B.ELCB aging. C.The current of ELCB is too little.	A.Don't use it. Send to after-sale service to repair. B.Change the ELCB. C.Using ELCB with high current.
The screen has no display.	A.Power is not connected. B.The screen is damaged.	A. Close the switch to connect the power. B. Contact customer service

Failure	Cause	Remedy
Ht	Over Temperature	Cool to less than 55°C
E0	Temperature sensor short circuit failure	Replace sensor
E1	Temperature sensor open circuit failure	Replace sensor
E9	Communication Errror	Replace PCB

Guarantee and service policy

This product is guaranteed against faulty materials and manufacture from the date of purchase for 2 years.

In the event of a faulty product firstly contact our customer services team who will guide you through the process.

Do not uninstall or return the product before contacting deXpro customer services, such action may void the warranty.

The standard warranty covers the supply of spare parts or at our sole discretion a replacement product. On-site service costs are strictly exempt from the warranty.

The guarantee specifically excludes:

- Corrosion caused by incorrect maintenance or installation of the water heater.
- Damage caused by limescale build up.
- Consequential losses, including labour charges and damges to surroundings.
- Failure to maintain and install the water heater according to the instructions in this manual.

INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH THE EUROPEAN DIRECTIVE 2002/96/E.

At the end of its working life this equipment must not be disposed of as household waste. It must be taken to a local authority waste collection centre or to a dealer providing this service. Disposing of electrical and electronic equipment separately enables its components to be recovered and recycled to obtain significant savings in energy and resources. In order to underline the duty to dispose of this equipment separately, the product is marked with a crossed out dustbin.

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