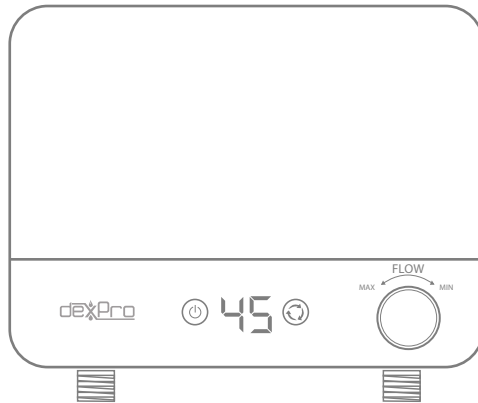


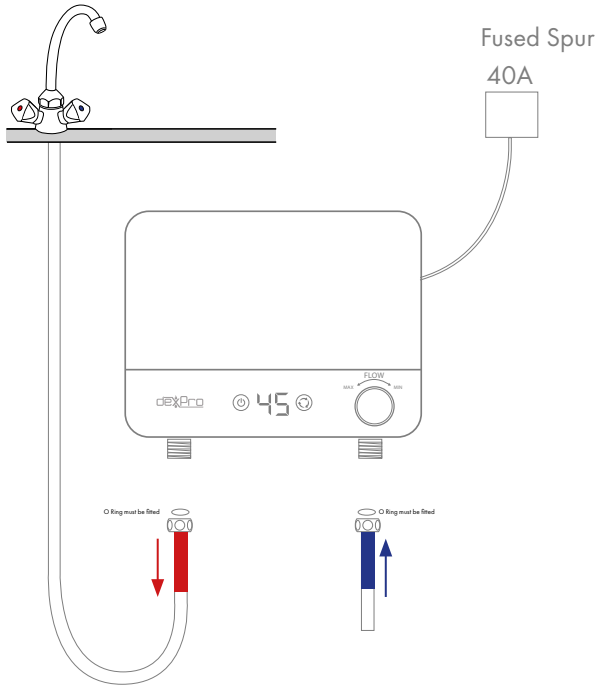


INSTRUCTION MANUAL

DXI75DT DELUX 7.5KW INSTANT ELECTRIC WATER HEATER

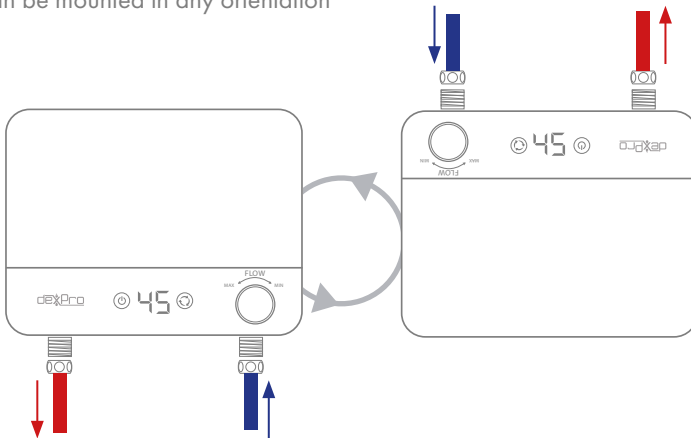


Illustration



ORIENTATION

The unit can be mounted in any orientation



Introduction

Thank you for selecting our 7.5kW 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 commercial applications where supply to a multiple sinks is required. 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.

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.



When supplying multiple basins, a tap with a spray head is essential to improve output temperature performance.

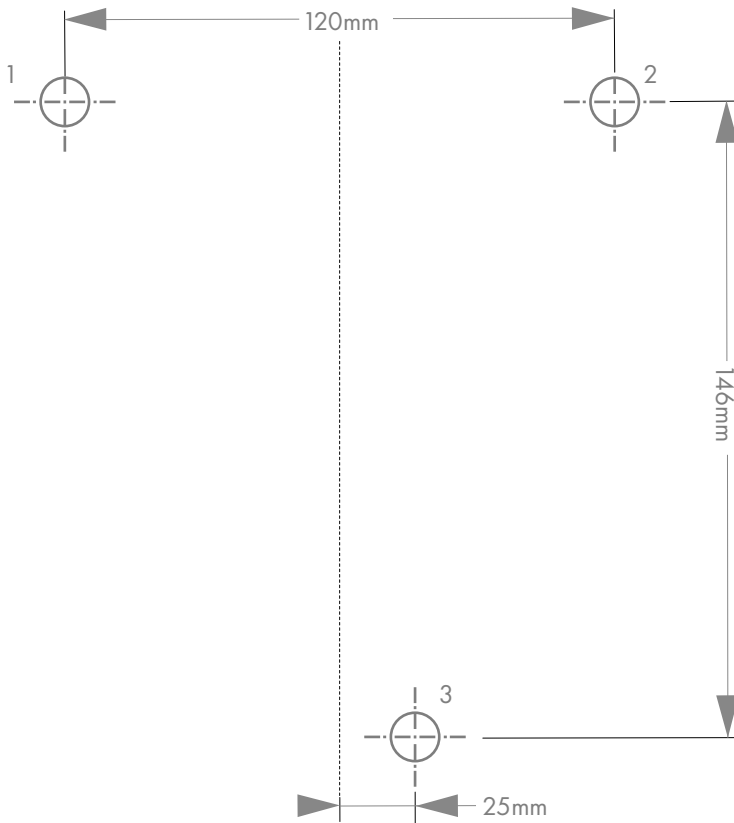
- When installing, consider any risks posed by potential leaks from the product or pipework. Avoid installation in areas where a leak could have potentially severe consequences, such as near electronic equipment

- 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.

Mounting

Mark the positions for the screws spaced at 120mm apart. Drill holes in the marked positions, push the rawl plugs into position and slot the unit in place. Secure the unit with a screw in the third fixing hole



Connection to the water supply

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

- Blue connection 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.
- Connect the cold water mains to the device and the hot outlet to the tap.
- 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: Supplied O rings must be fitted to prevent leaks from water connections.

Electrical Connection



Ensure you run water through the system and tests 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.

- Make connection to the electrical supply from the heater via a 40A rated fused spur using the cable supplied.
- Connection should be made as follows:
 - Green/Yellow earth wire to the terminal marked "E" or
 - Brown/Red live wire to the terminal marked "L"
 - Blue/Black neutral wire to the terminal marked "N"

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


Specifications

Model	DXI75DT
Rated Power (kW)	7.5
Recommended Amps	40
Rated Voltage	AC220V~
Frequency	50Hz
Rated Pressure	0.6MPa
Waterproof	IPX4
Hot water temperature limit	30-55°C
Temperature Display	Digital
Heating Element Material	Cast Aluminum
Heating Element Life-time	8000h
Connector Type	G1/2
Power selection	Yes
Thermal cutout temp	95±5
Thermal cutout rated V&A	250V~ 45A~
Thermal cutout life	4000 times
Outer Body Material	ABS+Glass Panel
Outer Body Thickness	1.5-2.5mm
Panel Material	PVC
Control	Touch
Ignition Flow Rate	1.5L/min
Over-heating Temp	60°C
Heating Efficiency	92.0%
Heating Time	Instantaneously

User Manual




3 Function Keys

"  " power switch

"  " adjust temperature

"  " adjust flow rate

Usage

1. First, switch the power supply on
2. Turn on the tap, then press "  " key
3. Press "  " key to adjust the desired water temperature.
4. Use the dial to control the water flow.
5. Press "  " key to make the unit standby, when not using the unit.
6. When the unit is not in use for a long time, please switch off at the main power supply.

The Display Screen

1. When powered on, the screen will display the required outlet temperature. The outlet performance is governed by the inlet temperature and flow rate. The maximum temperature you can achieve may differ depending on the time of year.
2. The unit will stop heating when the temperature reaches 55°C, to protect user from scalding.
3. The unit is flow activated and will begin to heat when there is sufficient flow.

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 high. 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	Exceed 55°C	Select lower power level or turn down the temperature.
LL	High flow rate	Reduce flow rate
bd	Ambient temperature is below minus 3°C	Water supply too cold
--	Unit is in the shutdown state	Restart unit
E0	Temperature sensor short circuit	Contact deXpro technical team
E1	Outlet water temperature sensor is open	Contact deXpro technical team

Guarantee and service policy

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

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 damages 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.



