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› Stiebel Eltron DCE-X 6/8 Premium Instantaneous Water Heater User Manual

Stiebel Eltron DCE-X 6/8 PREMIUM -220 V

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Model: DCE-X 6/8 PREMIUM -220 V

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Stiebel Eltron DCE-X 6/8 Premium Instantaneous Water Heater. Please read these instructions carefully before installation, operation, or maintenance. Keep this manual for future reference.

The Stiebel Eltron DCE-X 6/8 Premium is a fully electronically controlled compact instantaneous water heater designed for maximum energy efficiency and precise temperature delivery. It features 4i technology, an illuminated multifunction display, and a power-saving ECO function.

2. SAFETY INSTRUCTIONS

Important: Installation, maintenance, and repair should only be performed by a qualified professional in accordance with national and local regulations.

- Ensure the main power supply is disconnected before any installation or maintenance work.
- Do not operate the appliance if it is damaged or not functioning correctly.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Protect the appliance from frost.
- Do not block ventilation openings.

3. SETUP AND INSTALLATION

The DCE-X 6/8 Premium is designed for indoor installation. Ensure adequate space for maintenance and proper ventilation.

3.1 Unpacking

Carefully remove the water heater from its packaging. Inspect for any signs of damage during transit. Retain packaging materials for potential future transport or returns.

3.2 Mounting

1. Select a suitable wall location that can support the weight of the unit when full of water.
2. Mark the drilling points according to the mounting template (if provided, or measure from the unit).
3. Drill holes and insert appropriate wall plugs.
4. Securely mount the appliance to the wall.

3.3 Electrical Connection

This appliance requires a 220V electrical supply. The electrical connection must be performed by a qualified electrician. Ensure the circuit is adequately protected and meets local electrical codes.

- Rated voltage: 220 Volts
- Rated output: 6-8 kW

3.4 Water Connection

Connect the cold water inlet and hot water outlet pipes to the corresponding connections on the unit. Use appropriate plumbing fittings and ensure all connections are watertight. Flush the system thoroughly before connecting to the power supply to remove air and debris.



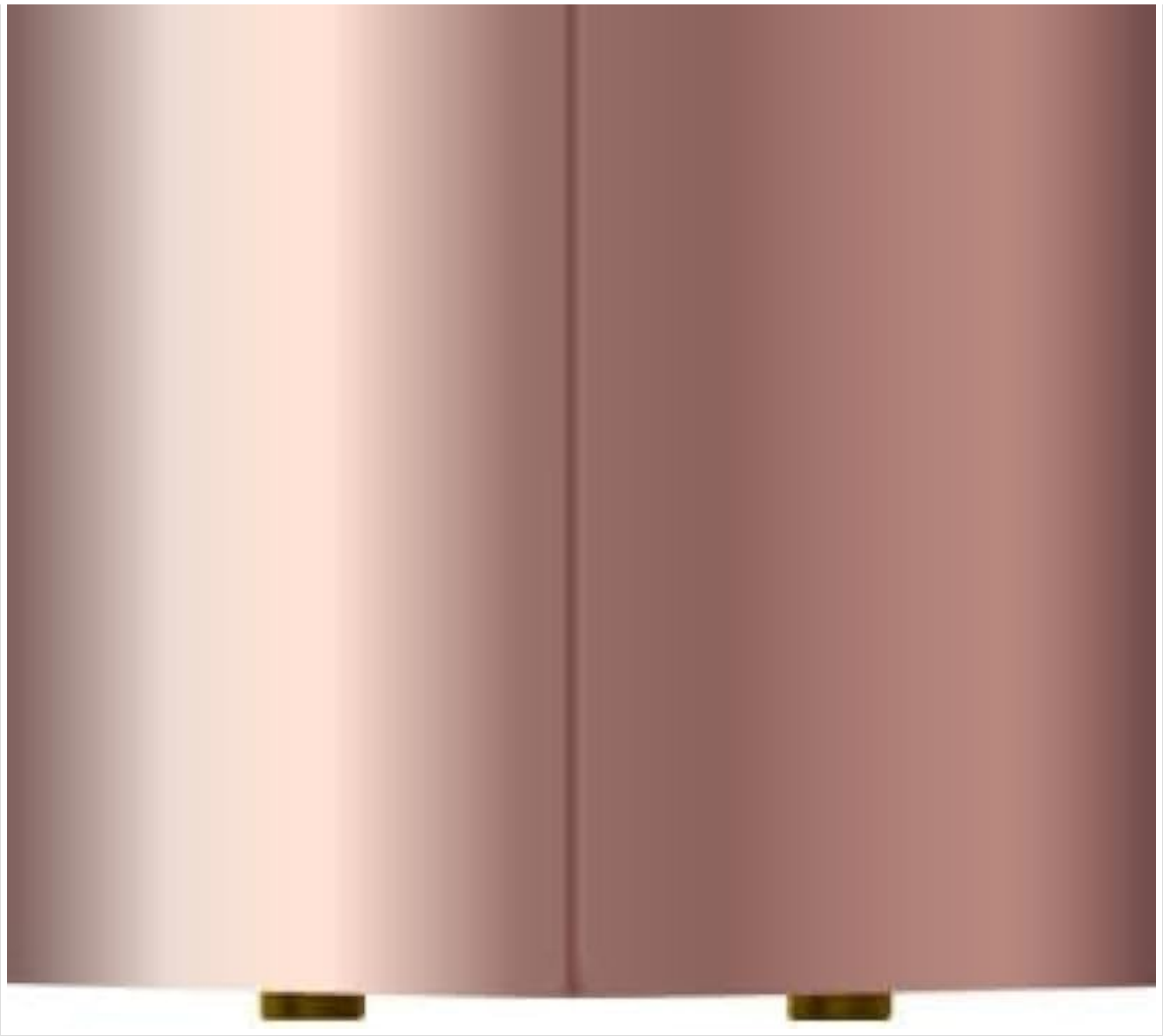


Figure 1: Front view of the Stiebel Eltron DCE-X 6/8 Premium Instantaneous Water Heater, showing the rose gold finish and the central digital display with temperature and power settings.

4. OPERATING INSTRUCTIONS

The DCE-X 6/8 Premium features an illuminated multifunction display for easy operation.

4.1 Powering On/Off

Once installed and connected, switch on the main power supply to the unit. The display will illuminate, indicating the unit is ready for operation.

4.2 Setting Water Temperature

- Use the **+** and **-** buttons on the control panel to adjust the desired water temperature.
- The set temperature will be displayed prominently.
- The temperature limit can be fixed at 43°C, 50°C, or 55°C for safety and energy saving.

4.3 Memory Function

The unit includes two memory buttons (labeled 1 and 2 on the display) to save frequently used temperatures. To save a temperature:

1. Set the desired temperature using the **+** and **-** buttons.

2. Press and hold one of the memory buttons (1 or 2) until the display confirms the temperature has been saved.
3. To recall a saved temperature, simply press the corresponding memory button (1 or 2).

4.4 ECO Function (Power Saving Mode)

Activate the optional ECO function to optimize energy consumption. Refer to the display for the ECO indicator. This mode adjusts heating to maintain efficiency while providing hot water.

4.5 Display Information

The backlit display can show various information, including:

- Current water temperature
- Energy consumption data
- Flow rate
- Current time (if configured)

Use the information button (labeled 'i' on the display) to cycle through available information.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your water heater. Always disconnect the power supply before performing any maintenance.

5.1 Cleaning

Clean the exterior of the appliance with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish and display.

5.2 Descaling

In areas with hard water, limescale can build up over time, affecting performance. Descaling should be performed by a qualified technician. The frequency depends on water hardness and usage.

5.3 Professional Inspection

It is recommended to have the water heater inspected by a qualified professional at least once every two years to ensure optimal performance and safety.

6. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, or if solutions do not resolve the issue, contact qualified service personnel.

Problem	Possible Cause	Solution
No hot water	No power supply; water inlet valve closed; unit malfunction.	Check circuit breaker/fuse; ensure water supply is open; contact service.
Water not hot enough	Temperature setting too low; high flow rate; limescale buildup.	Increase temperature setting; reduce water flow; arrange for descaling.
Display not working	No power; internal fault.	Check power supply; contact service.

Problem	Possible Cause	Solution
Water leakage	Loose connections; damaged seals; internal component failure.	Immediately turn off water supply and power; contact service.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	DCE-X 6/8 PREMIUM -220 V
Rated Voltage	220 Volts
Rated Output	6-8 kW
IP Rating	IP25
Energy Efficiency Class	A
Dimensions (W x H x D)	21.7 x 37.2 x 21.7 cm
Item Weight	2.5 Kilograms
Special Features	LED Display, Lightweight, ECO Function, Memory Function
Installation Type	Indoor Installation

8. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Stiebel Eltron website. Keep your proof of purchase for warranty claims.

For technical support, service, or spare parts, please contact your local Stiebel Eltron service center or authorized dealer. Contact details can typically be found on the manufacturer's website or in the product packaging.
