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## ELDOM 72325PMP

# ELDOM 72325PMP 10 Liter Under-Sink Water Heater, 2 KW - Instruction Manual

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## 1. INTRODUCTION AND PRODUCT OVERVIEW

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The ELDOM 72325PMP is a high-performance 10-liter under-sink electric water heater designed for domestic use. This appliance provides instant hot water for various needs, featuring a durable steel tank with enamel coating and active anode protection for enhanced corrosion resistance. It incorporates a non-return valve to prevent overpressure and a precise temperature regulator for user-controlled water heating. This device is manufactured in the EU, ensuring quality and reliability.



Figure 1.1: ELDOM 72325PMP 10 Liter Under-Sink Water Heater with included safety valve.

**Key Features:**

- **Capacity:** 10 Liters
- **Power:** 2000 W
- **Operating Principle:** Under-sink, pressure-resistant
- **Corrosion Protection:** High-performance steel tank with enamel and anode protection
- **Safety:** Integrated non-return valve, overheating protection, high water pressure protection
- **Temperature Control:** Adjustable thermostat
- **Splash Protection:** IP24 rated

## 2. SAFETY INSTRUCTIONS

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Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, property damage, or personal injury.

- **Electrical Safety:** Ensure the power supply matches the appliance's rating (230V/50Hz). Always connect the unit to a properly grounded outlet. Do not operate with a damaged power cord or plug. Disconnect power before any maintenance or repair.
- **Water Pressure:** The unit is designed for a nominal pressure of 0.8 MPa (8 Bar). An integrated non-return valve prevents excessive pressure build-up. If local water pressure exceeds this, a pressure reducing valve may be required.
- **Installation:** Installation must be performed by a qualified technician in accordance with local regulations and plumbing codes. Ensure the unit is securely mounted under the sink.
- **Water Connection:** Use 1/2 inch connections. Ensure all connections are watertight to prevent leaks.
- **Usage:** Do not block the safety valve outlet. Do not operate the water heater if it is empty or if there is a risk of freezing.
- **Children and Vulnerable Persons:** This appliance can be used by children aged 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.

## 3. PACKAGE CONTENTS

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Verify that all components are present and undamaged upon unpacking:

- ELDOM 72325PMP Water Heater Unit
- Combined non-return valve / safety valve
- Power cable with plug
- Mounting hardware (screws, anchors)
- Instruction Manual (this document)

## 4. SETUP AND INSTALLATION

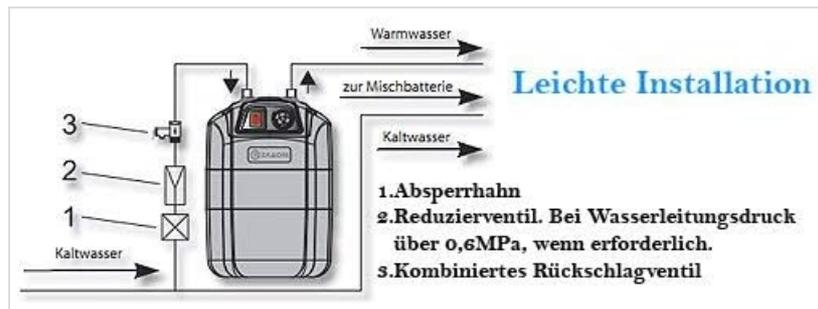
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The ELDOM 72325PMP is designed for under-sink installation. It is crucial that installation is carried out by a qualified professional to ensure safety and proper functioning.

### Installation Steps:

1. **Mounting:** Securely mount the water heater unit under the sink using the provided mounting hardware. Ensure the surface is strong enough to support the unit's weight when full (approx. 17.6 kg).
2. **Water Connection:**

- Connect the cold water inlet (marked blue) to the main cold water supply using 1/2 inch fittings.
  - Install the combined non-return valve on the cold water inlet. This valve is essential for safe operation and prevents backflow and overpressure.
  - Connect the hot water outlet (marked red) to the hot water tap/mixer.
  - Ensure all connections are sealed properly to prevent leaks.
3. **Filling the Tank:** Before connecting to power, open the hot water tap to allow air to escape and the tank to fill completely with water. Once water flows steadily from the hot water tap, close the tap.
4. **Electrical Connection:** Plug the power cable into a grounded 230V/50Hz electrical outlet. Ensure the outlet is easily accessible.



**Figure 4.1:** Simplified installation diagram. 1. Shut-off valve, 2. Reducing valve (if water pressure exceeds 0.6MPa), 3. Combined non-return valve.

## 5. OPERATING INSTRUCTIONS

Once installed and filled with water, the ELDOM 72325PMP is ready for operation.

### Power On/Off:

- Locate the power switch on the front of the unit.
- Press the switch to the 'I' position to turn the unit on. The indicator light will illuminate.
- Press the switch to the 'O' position to turn the unit off.

### Temperature Regulation:

- The unit features a rotary thermostat knob on the front panel.
- Turn the knob clockwise to increase the water temperature and counter-clockwise to decrease it.
- The maximum factory-set temperature is 75°C.

### Heating Cycle:

The 2000W heating element can heat the 10-liter tank from 12°C to 65°C in approximately 19 minutes. The unit will automatically maintain the set temperature.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your water heater.

- **Anode Protection:** The unit is equipped with an anode for corrosion protection. This anode should be inspected and replaced periodically by a qualified technician, typically every 1-2 years, depending on water quality.
- **Safety Valve:** Periodically check the safety valve for proper operation. Refer to the safety valve manufacturer's instructions for specific testing procedures.
- **Cleaning:** Clean the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.

- **Descaling:** In areas with hard water, limescale can build up inside the tank. Descaling should be performed by a qualified technician when necessary to maintain heating efficiency.

## 7. TROUBLESHOOTING

Before contacting customer support, please refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
No hot water	No power supply; Thermostat set too low; Overheating protection activated	Check power connection and circuit breaker; Adjust thermostat setting; Reset overheating protection (if applicable, consult technician)
Water is not hot enough	Thermostat set too low; Limescale buildup; Insufficient heating time	Increase thermostat setting; Descale the unit (contact technician); Allow more time for heating
Water leaking from safety valve	Normal expansion during heating; Faulty safety valve; Excessive incoming water pressure	This is normal during heating. If continuous or excessive, check incoming water pressure and consider a pressure reducing valve. Replace faulty safety valve (contact technician).
Unit makes unusual noises	Limescale buildup; Loose components	Descale the unit (contact technician); Inspect for loose parts (contact technician)

For problems not listed here or if solutions do not resolve the issue, please contact qualified service personnel.

## 8. TECHNICAL SPECIFICATIONS

Detailed technical data for the ELDOM 72325PMP water heater:

Specification	Value
Model	72325PMP
Brand	ELDOM
Rated Power	2000 W
Rated Voltage	230 V / 50 Hz
Operating Principle	Under-sink, pressure-resistant
Rated Pressure	0.8 MPa (8 Bar)
Water Connection	1/2 inch
Electrical Connection	Cable with plug
Protection Class	IP24 (splash-proof)
Dimensions (H x W x D)	430 x 285 x 285 mm

Specification	Value
Weight	7.6 kg
Capacity	10 Liters
Energy Efficiency Class	B
Annual Electricity Consumption	573 kWh/annum (EU Regulation 812/2013)
Sound Power Level	15 dB
Thermostat Setting	75 °C

# Produktdatenblatt Warmwasserspeicher

**ELDOM INVEST** 72325PMP



Verschleißfeste Zirconium-Emailbeschichtung des Wassertanks



Kombiniertes Rückschlagventil mit 3 Schutzfunktionen



FCKW-freier Polyurethan-Druckschaum weniger Wärmeverluste und Energieverbrauch



Stufenlose Temperaturregelung



Vertikale Wandmontage



Frostschutz



<b>Hersteller</b>	ELDOMINVEST
<b>Modell</b>	72325PMP
<b>Lastprofil</b>	XXS
<b>Nennleistung</b>	2000 W
<b>Nennspannung</b>	230V / 50Hz
<b>Nenninhalt</b>	9,6 L
<b>Nenndruck</b>	0,8 MPa
<b>Wasseranschluss</b>	1/2 Zoll
<b>Schutzart</b>	IPX1
<b>Energieeffizienzklasse</b>	B
<b>Warmwasserbereitungs-Energieeffizienz</b>	32 %
<b>Jährlicher Stromverbrauch</b>	573 kWh/Jahr (EU Regulation EU 812/2013)
<b>Täglicher Stromverbrauch</b>	2,762 kWh (EU Regulation EU 814/2013)
<b>Eingestellte Temperatur</b>	75 °C
<b>Schalleistungspegel</b>	15 [dB]
<b>Abmessungen (H x B x T) in mm</b>	430 x 285 x 288
<b>Gewicht</b>	7,6 kg

Figure 8.1: ELDOM 72325PMP Product Data Sheet.





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**ELDOM**

**72325PMP**



**15 dB**

**573** -  
kWh/annum GJ/annum

2017

812/2013

Figure 8.2: EU Energy Label for ELDOM 72325PMP, indicating Class B efficiency.

Further product information can be found in the EPREL database: <https://eprel.ec.europa.eu/qr/30997>

## 9. WARRANTY AND SUPPORT

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ELDOM products are manufactured to high quality standards. For warranty information, technical support, or service inquiries, please contact ELDOM customer service.

### Contact Information:

- **Manufacturer:** ELDOMINVEST OOD
- **Website:** <https://eldominvest.com/>
- **Technical Support Email:** [tech@eldominvest.com](mailto:tech@eldominvest.com)
- **Phone:** +359 52 571 914
- **Address:** Blvd. "Vladislav Varnenchik" / Boulevard "Vladislav Varnenchik" 275A, 9009 Varna, Bulgaria