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Thermoflow Elex 3.5

Thermoflow Elex 3.5 kW Instantaneous Water Heater

Model: Elex 3.5

1. INTRODUCTION

Thank you for choosing the Thermoflow Elex 3.5 kW Instantaneous Water Heater. This compact and energy-efficient appliance is designed to provide instant hot water for your kitchen or washbasin, ensuring comfort and convenience. Please read this manual carefully before installation and operation to ensure safe and efficient use of the product. Keep this manual for future reference.

2. SAFETY INFORMATION

WARNING: Installation, maintenance, and repair of this appliance must be carried out by qualified personnel only. Failure to comply with this warning may result in electric shock, fire, property damage, or personal injury.

- Ensure the power supply matches the specifications of the water heater.
- Do not operate the water heater if it is damaged or malfunctioning.
- Always disconnect the power supply before performing any maintenance or repair work.
- This appliance is designed for indoor use only.
- A low-pressure tap is mandatory for commissioning this unit.

3. PRODUCT FEATURES

- **Instantaneous Hot Water:** Provides water heated up to 25 °C.
- **Versatile Installation:** Can be used as an under-sink or over-sink instantaneous water heater.
- **Suitable Applications:** Ideal for kitchens or washbasins with a hot water capacity of 2 liters per minute.
- **Compact Design:** Dimensions of 16.7 (H) x 13 (W) x 6.8 (D) cm for discreet installation.
- **Energy Efficient:** Rated energy efficiency class A, with an annual energy consumption of 461 kWh.
- **Ready for Connection:** Supplied ready for direct electrical connection.

4. PACKAGE CONTENTS

The Thermoflow Elex 3.5 kW Instantaneous Water Heater package includes:

- Thermoflow Elex 3.5 Instantaneous Water Heater
- Mounting accessories
- User Manual

5. SETUP AND INSTALLATION

This appliance must be installed by a qualified electrician or plumber in accordance with local regulations and the instructions provided in this manual.

5.1 Mounting

The water heater is designed for wall-mounting. Choose a suitable location near the water supply and electrical outlet, ensuring sufficient space for maintenance and ventilation. The compact dimensions of 16.7 cm (Height) x 13 cm (Width) x 6.8 cm (Depth) allow for installation under or above a sink.



Figure 1: Thermoflow Elex 3.5 kW Instantaneous Water Heater, front view.



Figure 2: Thermoflow Elex 3.5 kW Instantaneous Water Heater installed under a sink in a bathroom setting.

5.2 Water Connections

The water heater features G 3/8" connections. Connect the cold water inlet and hot water outlet pipes securely. Ensure all connections are watertight to prevent leaks. A low-pressure tap is required for proper operation.

5.3 Electrical Connection

The appliance is supplied ready for electrical connection. Connect it to a dedicated electrical circuit with appropriate overcurrent protection, as specified by local electrical codes. Verify that the voltage and power ratings match the product specifications.

6. OPERATING INSTRUCTIONS

Once properly installed and connected, the Thermoflow Elex 3.5 kW Instantaneous Water Heater operates automatically to provide hot water on demand.

- **Power On:** Ensure the water heater is connected to the power supply and the circuit breaker is on.
- **Water Flow:** Open the hot water tap. The water heater will automatically activate and begin heating the water as it flows through the unit.
- **Temperature:** The unit is designed to provide water heated up to 25 °C, suitable for handwashing and light kitchen use. The temperature output may vary slightly depending on the incoming cold water temperature and flow rate.
- **Power Indicator:** A red indicator light on the front of the unit illuminates when the heater is actively heating water.

7. MAINTENANCE

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

- **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, mineral deposits (limescale) can build up inside the unit, affecting performance. Descaling should be performed periodically by a qualified technician.
- **Check Connections:** Periodically inspect water and electrical connections for any signs of leaks or loose wiring.

8. TROUBLESHOOTING

If you encounter issues with your Thermoflow Elex 3.5 kW Instantaneous Water Heater, refer to the following common problems and solutions. For complex issues, contact qualified service personnel.

Problem	Possible Cause	Solution
No hot water	No power supply Water flow too low Unit malfunction	Check circuit breaker/power connection Ensure sufficient water flow Contact qualified service personnel
Water not hot enough	Incoming water too cold Excessive flow rate Limescale buildup	Reduce flow rate Have unit descaled by technician
Water leakage	Loose connections Damaged unit	Tighten connections Contact qualified service personnel

9. SPECIFICATIONS

Technical specifications for the Thermoflow Elex 3.5 kW Instantaneous Water Heater:



Specification	Value
Manufacturer	Thermoflow
Model Number	Elex 3.5 (ELEX35)
Product Dimensions (L x W x H)	13 x 13 x 18 cm
Item Weight	1 Kilogram
Color	White
Power Source	Electric Cable
Voltage	230 Volts

Specification	Value
Power	3.5 KW
Installation Method	Wall Mount
Capacity	2 liters per minute
Maximum Temperature	28 Degrees Celsius
Heat Output	28 Degrees Celsius
Energy Efficiency Class	A
Annual Energy Consumption	461 kWh

8. 能效说明 A5 印刷

Produktdatenblatt nach Vorgabe der EU Verordnungen .. / Product data sheet in accordance with EU regulation .. 812/2013 814/2013								
a	b		c	d	e	f	h	i
	b.1	b.2			η_{WH} %	AEC kWh	°C	L _{WA} dB(A)
thermoflow	ELEX 3.5	QIH3.5	XXS	A	40	461	40	16
thermoflow	ELEX 3.5+TAP	QIH3.5T	XXS	A	40	461	40	16
thermoflow	ELEX 5.5	QIH5.5	XXS	A	40	464	40	16

	Erläuterung	Explanation
a	Name oder Warenzeichen	Brand name or trademark
b.1	Gerätebezeichnung	Model
b.2	Gerätetyp	Type
c	Lastprofil	Specified load profile
d	Klasse Warmwasserbereitungs-Energieeffizienz	Energy-efficiency class
e	Warmwasserbereitungs-Energieeffizienz	Energy-efficiency
f	Jährlicher Stromverbrauch	Annual power consumption
g	Alternatives Lastprofil, die entsprechende Warmwasserbereitungs-Energieeffizienz und der entsprechende jährliche Stromverbrauch, sofern verfügbar.	Additional load profile, the appropriate energy-efficiency and the annual power consumption, if applicable.
h	Temperatureinstellungen des Temperaturreglers des Warmwasserbereiters	Temperature setting for the temperature controller
i	Schalleistungspegel in Innenräumen	Sound power level, internal

	Zusätzliche Hinweise	Additional Information
	Alle bei der Montage, Inbetriebnahme, Gebrauch und Wartung des Warmwasserbereiters zu treffenden besonderen Vorkehrungen sind in der Gebrauchs- und Installationsanweisung zu finden.	All specific precautions for assembly, installation, maintenance and use are described in the operating and installation instructions.
	Alle angegebenen Daten wurden auf Grundlage der Vorgabe der europäischen Richtlinien ermittelt. Unterschiede zu Produktinformationen, die an anderer Stelle angeführt werden, basieren auf unterschiedlichen Testbedingungen.	All data in this product spec sheet are determined by applying the specifications of the relevant European directives. Differences to other product information listed elsewhere may result in different test conditions.
	Der Energieverbrauch wurde nach einem standardisierten Verfahren nach EU-Vorgaben ermittelt. Der reale Energiebedarf des Gerätes hängt von der individuellen Anwendung ab.	The power consumption was determined in compliance with standardized measurement method based on EU guidelines. The real energy consumption is pending on individual requirements.

mini 03/24

Figure 3: Energy efficiency data sheet for Thermoflow Elex 3.5 kW Instantaneous Water Heater.

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact Thermoflow customer service. Please note that spare parts availability information is not provided by the manufacturer.