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Thermex IF 30 V Comfort

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Model: IF 30 V Comfort

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Thermex IF 30 V Comfort flat hot water tank. Please read these instructions carefully before installation and use, and keep them for future reference.

The Thermex IF 30 V Comfort is a compact, flat hot water tank designed for vertical mounting. It features a "double tank" system with two heating elements, providing efficient hot water supply. The unit includes a digital display for easy temperature control and monitoring.



Figure 1: Front view of the Thermex IF 30 V Comfort hot water tank.

2. SAFETY INFORMATION

Always adhere to local regulations and safety standards during installation and operation. This appliance is CE certified, ensuring compliance with European safety directives.

- Installation must be performed by a qualified professional.

- Ensure the power supply matches the specifications of the appliance (230V).
- Do not operate the water heater if it is damaged or malfunctioning.
- The included inlet combination acts as a pressure relief valve and a non-return valve. Ensure it is correctly installed to prevent overpressure and backflow.
- Do not block the pressure relief valve outlet.
- Keep children and unauthorized persons away from the appliance during operation.

3. PRODUCT OVERVIEW

Key Features:

- **Compact Design:** Flat profile with an integrated depth of 263 mm.
- **Dual Tank System:** Equipped with two heating elements for rapid heating.
- **Digital Operation:** LCD display with four buttons for easy control and data display.
- **Power Modes:** Standard 1.3 kW, with a "Power" mode for 2 kW rapid heating.
- **Bio-Glass Enamel Tanks:** Unique patented coating for enhanced protection and durability.
- **Safety:** CE certified, includes inlet combination with pressure relief and non-return valve.

Control Panel:

The digital LCD display shows the set water temperature and the current water temperature. Four buttons allow for easy adjustment and mode selection.

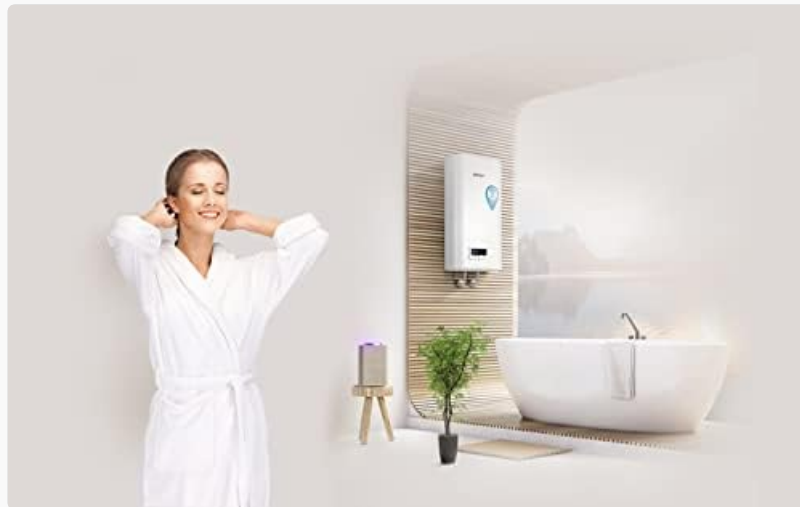


Figure 2: Close-up of the digital control panel and display.

4. SETUP AND INSTALLATION

The Thermex IF 30 V Comfort is designed for vertical wall mounting. Ensure the mounting surface is capable of supporting the full weight of the water heater when filled (approximately 14 kg dry weight + 26 liters of water = ~40 kg).

Included Components:

- Thermex IF 30 V Comfort Water Heater unit
- High-performance wall anchors for mounting
- Inlet combination (pressure relief valve and non-return valve)
- User Manual (this document)

Installation Steps (Summary):

1. **Select Location:** Choose a suitable vertical wall location, ensuring adequate space for maintenance and connections.
2. **Mounting:** Use the provided wall anchors to securely mount the unit to the wall. Refer to the detailed installation diagram in the separate installation guide for precise measurements.
3. **Water Connections:** Connect the cold water inlet and hot water outlet pipes. Install the inlet combination (pressure relief valve and non-return valve) on the cold water inlet. Ensure all connections are watertight.
4. **Electrical Connection:** Connect the unit to a grounded 230V power supply. This connection should be made by a certified electrician.
5. **Fill Tank:** Before powering on, open a hot water tap to allow air to escape and the tank to fill completely with water. Close the tap once water flows steadily.



Figure 3: Bottom view showing water inlet (blue) and outlet (red) connections.

5. OPERATING INSTRUCTIONS

The Thermex IF 30 V Comfort features a user-friendly digital interface.

Powering On/Off:

- Press the **On/Off** button on the control panel to switch the unit on or off.
- The LCD display will illuminate when the unit is active.

Setting Temperature:

- Use the **Temperature Control** buttons (up/down arrows) to adjust the desired water temperature.
- The display will show the set temperature and the current water temperature.

Power Modes:

The unit operates at 1.3 kW by default. To activate rapid heating:

- Press the "**Power**" button (or equivalent button on the display, often indicated by a lightning bolt or "Turbo" icon) to engage the second heating element.
- This increases the total heating power to 2 kW, significantly reducing the heating time.
- The display may indicate the active power mode.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Thermex hot water tank.

General Cleaning:

- Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure the control panel remains clean and dry.

Anode Inspection and Replacement:

The bio-glass enamel tanks are protected by two anodes. These sacrificial anodes prevent corrosion and should be inspected periodically (e.g., every 1-2 years, depending on water quality) and replaced if significantly depleted. This procedure should be performed by a qualified technician.

Pressure Relief Valve Check:

Periodically check the pressure relief valve by gently lifting the lever to ensure it is not blocked and can release water. This should be done carefully, as hot water may be discharged. Refer to local plumbing codes for frequency.

7. TROUBLESHOOTING

If you encounter issues with your hot water tank, consult the following basic troubleshooting guide. For complex problems, contact a qualified technician.

Problem	Possible Cause	Solution
No hot water / Water not heating	No power supply Unit is switched off Temperature set too low Heating element malfunction	Check circuit breaker and power connection. Press the On/Off button. Increase the set temperature using the control buttons. Contact a qualified technician.
Water not hot enough	Temperature set too low "Power" mode not activated High hot water demand	Increase the set temperature. Activate the "Power" mode for faster heating. Allow sufficient time for the tank to reheat.
Water leaking from pressure relief valve	Normal expansion during heating Excessive water pressure Faulty valve	This is normal. Ensure the discharge pipe is clear. Consider installing a pressure reducing valve if pressure is consistently high. Contact a qualified technician for inspection.

8. SPECIFICATIONS

Feature	Detail
Brand	Thermex
Model Number	IF 30 V Comfort
Type	Flat Electric Hot Water Tank
Mounting	Vertical Wall Mount
Capacity	26 Liters (Nominal 30L)
Dimensions (L x W x H)	26.3 x 45.3 x 58.7 cm
Depth (Integrated)	263 mm
Weight (Empty)	14 kg
Power Output	1300 W or 2000 W (selectable)
Voltage	230 Volts
Heating Time (approx.)	1 hour (to specified temperature at 2000W)
Max Pressure	8 Bars
Material	Stainless Steel with Bio-Glass Enamel Tanks
Energy Class	C
IP Rating	IPX4

9. WARRANTY AND SUPPORT

Your Thermex IF 30 V Comfort hot water tank comes with the following warranty:

- **Product Warranty:** 2 years from the date of purchase.
- **Tank Warranty:** 7 years on the internal tanks.

This warranty covers manufacturing defects under normal use. It does not cover damage resulting from improper installation, misuse, neglect, or unauthorized repairs.

For technical support, warranty claims, or to locate authorized service centers, please refer to the contact information provided on the Thermex official website or your purchase documentation. Always provide your model number (IF 30 V Comfort) and proof of purchase when seeking support.