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› Thermex IF 80 V Comfort Vertical Flat Water Heater User Manual

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1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Thermex IF 80 V Comfort vertical flat electric water heater. Please read this manual thoroughly before installation and use, and retain it for future reference.

The Thermex IF 80 V Comfort features a compact design with a 'double tank' system, allowing for reduced installation depth. It incorporates two heating elements for flexible power output and rapid water heating. The tanks are constructed with BIO-glasslined enameled steel, offering enhanced protection and durability. An intuitive LCD display provides clear information on water temperature and operational status.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions could result in electric shock, fire, property damage, or personal injury.

- Installation and maintenance must be performed by qualified personnel in accordance with local regulations and this manual.
- Ensure the electrical supply matches the specifications of the water heater (230 V).
- Do not operate the water heater if it is damaged or malfunctioning.
- The appliance is CE certified, indicating compliance with European safety standards.
- Always disconnect power before performing any service or maintenance.
- The included safety group (pressure relief valve and non-return valve) must be installed correctly to prevent overpressure.
- Do not block or tamper with the pressure relief valve.

3. PRODUCT FEATURES

- **Compact Flat Design:** Optimized for vertical wall mounting with reduced depth.
- **Dual Tank System:** Features two internal tanks with BIO-glasslined enamel for durability and corrosion resistance.

- **Dual Heating Elements:** Provides standard 1.3 kW heating or a boost mode of 2 kW for faster hot water delivery.
- **Digital LCD Display:** Shows current and set water temperatures, along with operational status.
- **Integrated Safety Group:** Includes a pressure relief valve and non-return valve for safe operation.
- **Energy Efficiency:** Rated Class C.



Figure 1: Front view of the Thermex IF 80 V Comfort water heater, showing the digital display and control buttons.

4. SPECIFICATIONS

Feature	Specification
Brand	Thermex
Model	IF 80 V Comfort
Dimensions (D x W x H)	29.3 x 51.1 x 101.8 cm
Weight	24 kg
Capacity	68 Liters
Connection	2000 Watt / 230 Volt
Heating Time (to 75°C)	130 minutes
IP Rating	IPX4
Energy Class	C
Annual Electricity Consumption	1426 kWh
Thermostat Temperature Settings	75°C
Sound Power Level (Indoors)	15 dB
Tank Material	BIO-glasslined steel
Heating Elements	Dual (1.3 kW standard, 2 kW boost)
Safety Features	CE certified, safety group (pressure relief valve, non-return valve)

5. INSTALLATION (SETUP)

The Thermex IF 80 V Comfort water heater is designed for vertical wall mounting. Proper installation is crucial for safety and optimal performance. It is strongly recommended that installation be carried out by a certified professional.

5.1 Mounting

- Select a suitable wall location that can support the weight of the water heater when full (approximately 104 kg).
- Use the heavy anchors provided for secure wall mounting.
- Ensure adequate clearance around the unit for maintenance and ventilation.



Figure 2: Back view of the water heater, showing the mounting brackets for vertical installation.

5.2 Plumbing Connections

- Connect the cold water inlet (blue marking) and hot water outlet (red marking) to your plumbing system.
- Install the provided safety group on the cold water inlet. This group includes a pressure relief valve and a non-return valve.
- Ensure all connections are watertight.
- Before connecting to power, fill the water heater completely with water and check for leaks.



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

5.3 Electrical Connection

- Connect the water heater to a dedicated 230 V electrical circuit, protected by an appropriate circuit breaker.
- Ensure proper grounding.
- All electrical work must comply with local electrical codes.

6. OPERATION

The Thermex IF 80 V Comfort is operated via the digital LCD display and control buttons located on the front of the unit.



Figure 4: Close-up of the digital control panel, showing temperature display and control buttons.

6.1 Power On/Off

- Press the **On/Off** button to power the unit on or off.

6.2 Temperature Control

- Use the **Temperature Control** arrow buttons (up/down) to adjust the desired water temperature. The set temperature will be displayed on the LCD.
- The display will also show the current water temperature.

6.3 Heating Modes

- The water heater typically operates at 1.3 kW.
- To activate the rapid heating mode (2 kW), press the designated button (often labeled 'Power' or similar, indicated by an icon on the display). This engages the additional 0.7 kW heating element for faster water heating.

7. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your water heater. It is recommended to have the unit inspected by a qualified technician annually.

- **Anode Rod Inspection:** The BIO-glasslined tanks include anode rods for corrosion protection. These should be inspected and replaced as needed, typically every 1-2 years, depending on water quality.
- **Descaling:** In areas with hard water, mineral deposits (limescale) can accumulate on heating elements and tank surfaces, reducing efficiency. Periodic descaling may be necessary.
- **Pressure Relief Valve Check:** Manually operate the pressure relief valve at least once a year to ensure it is not blocked and functions correctly. Follow manufacturer guidelines for this procedure.
- **External Cleaning:** Clean the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.

8. TROUBLESHOOTING

If you encounter issues with your Thermex water heater, refer to the following common troubleshooting steps. For complex problems, contact a qualified technician.

- **No Hot Water:**
 - Check if the unit is powered on and the circuit breaker has not tripped.
 - Ensure the temperature setting is appropriate.
 - Verify water supply is open.
- **Insufficient Hot Water:**
 - The demand for hot water may exceed the unit's capacity. Allow more time for reheating.
 - Consider activating the 2 kW rapid heating mode.
 - Check for excessive limescale buildup (requires professional inspection).
- **Water Leaks:**
 - Immediately turn off the water supply and electrical power.
 - Inspect connections for tightness.
 - If the leak is from the tank itself, contact support.
- **Unusual Noises:**
 - Popping or rumbling sounds can indicate sediment buildup in the tank. Professional descaling may be required.

9. WARRANTY AND SUPPORT

The Thermex IF 80 V Comfort water heater comes with a comprehensive warranty:

- **Appliance Warranty:** 2 years from the date of purchase.
- **Tank Warranty:** 7 years from the date of purchase.

This warranty covers manufacturing defects under normal use and service. It does not cover damage resulting from

improper installation, misuse, neglect, freezing, or unauthorized repairs.
For warranty claims, technical assistance, or to locate authorized service providers, please contact Thermex customer support through their official website or the contact information provided with your purchase documentation.

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