

Thermex Digital 30-V

Thermex Digital 30-V WiFi Vertical Water Heater User Manual

Model: Digital 30-V (30 Liters)

1. INTRODUCTION

Thank you for choosing the Thermex Digital 30-V WiFi Vertical Water Heater. This manual provides essential information for the safe installation, operation, and maintenance of your new appliance. Please read it thoroughly before use and keep it for future reference.

The Thermex Digital 30-V is a modern electric water heater featuring a 30-liter capacity, vertical mounting, and advanced functionalities such as WiFi connectivity, a Smart Program for energy saving, an electronic anode for reduced maintenance, and an anti-legionella function for enhanced safety.





Image: Thermex Digital 30-V WiFi Vertical Water Heater. This image shows the overall design of the water heater, highlighting its compact and vertical form factor.

2. SAFETY INSTRUCTIONS

Please observe the following safety precautions to prevent injury and damage to the appliance:

- Installation must be performed by a qualified professional in accordance with local regulations and this manual.
- Ensure the power supply matches the specifications of the water heater (230V, 2000W).
- Do not operate the water heater if it is damaged or malfunctioning.

- Never block the pressure relief valve.
- The water heater contains hot water. Exercise caution to avoid scalding.
- Disconnect the power supply before any maintenance or cleaning.
- 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.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all the following items are present:

- Thermex Digital 30-V Water Heater Unit
- Instruction Manual (this document)
- 3-way Safety Valve (combination inlet valve)
- Wall Anchors for mounting

4. SETUP AND INSTALLATION

The Thermex Digital 30-V is designed for vertical installation. Proper installation is crucial for safety and optimal performance. It is highly recommended that installation be carried out by a certified plumber and electrician.

4.1 Mounting

Securely mount the water heater to a sturdy wall using the provided wall anchors. Ensure the mounting location can support the weight of the water heater when full (approximately 43 kg).

4.2 Plumbing Connections

Connect the water inlet and outlet pipes. Install the included 3-way safety valve on the cold water inlet. This valve acts as a pressure relief valve and a non-return valve. Ensure all connections are watertight.

4.3 Electrical Connection

Connect the water heater to a grounded electrical outlet (230V, 2000W). Ensure the circuit is adequately protected. These products are not high-voltage instant water heaters; installation can be performed without specific authorization from the network operator, but professional electrical installation is still advised.

4.4 Filling the Tank

Before switching on the power, open a hot water tap in your home to allow air to escape and the tank to fill completely with water. Close the tap once water flows steadily.

5. OPERATING INSTRUCTIONS

5.1 Control Panel Overview



Image: Thermex Digital 30-V Control Panel. This image displays the digital LCD screen and the three control buttons: Temp, Setting, and Power. Indicators for Electronic Anode, Anti-Bacteria, WiFi, and Heating/Warming are also visible.

The water heater features an LCD display and three control buttons:

- **LCD Display:** Shows the set temperature, current water temperature, and various status indicators (WiFi, Heating/Warming, Electronic Anode, Anti-Bacteria).
- **Temp Button:** Used to adjust the desired water temperature.
- **Setting Button:** Used to access additional settings and activate the Smart Program.
- **Power Button:** Turns the water heater on or off.

5.2 Basic Operation

1. **Power On/Off:** Press the **Power** button to turn the unit on or off.
2. **Set Temperature:** Press the **Temp** button. The set temperature will flash. Use the **Temp** button again to cycle through desired temperatures. The display will revert to showing the current water temperature after a few seconds. The maximum temperature is 75°C.
3. **Heating Indicator:** The "Heating/Warming" indicator will illuminate when the water heater is actively heating water.

5.3 WiFi and Smart Program

The Thermex Digital 30-V can be controlled via a smartphone application. Download the free app from your device's App Store.

1. **App Connection:** Follow the instructions in the app to connect your water heater to your home WiFi network. The WiFi indicator on the display will illuminate when connected.
2. **Remote Control:** Through the app, you can remotely turn the water heater on or off and adjust the temperature. This is ideal for vacation homes or pre-heating before arrival.
3. **Smart Program:** Activate the energy-saving **SMART Program** via the app or the **Setting** button on the control panel. This program optimizes heating cycles based on your usage patterns to reduce energy consumption.

6. MAINTENANCE

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

- **Electronic Anode:** This model is equipped with an electronic anode, which significantly reduces maintenance requirements as it does not need periodic replacement like traditional anodes.
- **Anti-Legionella Function:** The water heater automatically performs an anti-legionella cycle to prevent bacterial growth, ensuring water hygiene.
- **Cleaning:** Periodically clean the exterior of the water heater with a soft, damp cloth. Do not use abrasive cleaners.
- **Safety Valve Check:** Annually, manually operate the lever on the 3-way safety valve to ensure it is not blocked. Follow the instructions provided with the valve.

7. TROUBLESHOOTING

If you encounter issues with your water heater, please refer to the following common solutions:

- **No Power:** Check the circuit breaker and ensure the power cord is securely plugged in. If there was a power outage, the device enters standby mode for safety. It must be manually turned on again.
- **No Hot Water:** Verify the power is on and the temperature setting is correct. Allow sufficient time for the water to heat (approximately 47 minutes for a full tank).
- **Water Leakage:** Immediately turn off the power and water supply. Contact a qualified plumber for inspection and repair.

- **WiFi Connection Issues:** Ensure your router is working and the water heater is within range. Refer to the app's troubleshooting guide for specific connection steps.

For problems not listed here or if the issue persists, please contact customer support.

8. SPECIFICATIONS

Brand	Thermex
Model	Digital 30-V
Capacity	30 Liters
Power	2000 Watts
Voltage	230 Volts
Heating Time (approx.)	47 minutes
Maximum Temperature	75°C
Electronic Anode	Yes
Anti-Legionella Function	Yes
WiFi Connectivity	Yes (with Smart Program)
Energy Efficiency Class	B
Dimensions (H x W x D)	655 x 350 x 350 mm
Weight (empty)	13 kg
Maximum Pressure	8 Bar
Material	Alloy Steel (enameled tank)

8.1 EU Energy Label



Image: EU Energy Label for the Thermex Digital 30-V water heater, showing energy efficiency class B, annual electricity consumption of 521 kWh, and sound power level of 15 dB.

For detailed product information, refer to the EPREL database: <https://eprel.ec.europa.eu/qr/1580065>

9. WARRANTY

Thermex provides a full **2-year warranty** on this device from the date of purchase. This warranty covers manufacturing defects and material faults under normal use conditions. Please retain your proof of purchase for warranty claims. The warranty does not cover damage resulting from improper installation, misuse, neglect, or unauthorized repairs.

10. SUPPORT

For technical assistance, warranty claims, or general inquiries, please contact our customer support:

- **Manufacturer/Seller:** KIIP B.V.
- **Email:** info@kiip.de
- **Phone:** +31229842424
- **Website:** <https://www.kiip-bv.nl>
- **Additional Website:** <https://www.ttulpe.com>

When contacting support, please have your product model (Digital 30-V) and purchase information ready.