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Triomph TRTHE1

Triomph TRTHE1 Connected Thermostat for Electric Radiators User Manual

Model: TRTHE1

1. Introduction

Welcome to the future of home temperature management with the**TRIOMPH TRTHE1 Connected Thermostat for Electric Radiators**. Designed for precise and intuitive control of your thermal comfort, this thermostat is your ally for a smart and energy-efficient home. It allows you to program your ideal temperature at any time and in every room, offering personalized comfort adapted to your schedule. No more returning to a cold home or wasting energy when you are away.

2. Product Overview

The Triomph TRTHE1 thermostat provides advanced connectivity through the Domolink application, enabling remote control and scheduling. It seamlessly integrates with Google Assistant and Alexa voice assistants for hands-free operation. With four distinct operating modes and an open window detection function, the TRTHE1 helps optimize energy consumption while maintaining your desired comfort level.





Image 1: Front view of the Triomph TRTHE1 Connected Thermostat. This white rectangular device features the 'Triomph' logo at the top, along with indicator lights for mode and Wi-Fi status. Symbols for connectivity and settings are also visible. A cable extends from the bottom for connection.

3. Key Features

- **Room-by-Room Temperature Control:** Program and regulate temperature individually for different areas.

- **Smart Connectivity:** Compatible with Domolink and SmartLife applications for remote control and scheduling.
- **Voice Assistant Integration:** Works with Amazon Alexa and Google Assistant for convenient voice commands.
- **Four Operating Modes:** Comfort, Eco, Stop, and Frost Protection to suit various needs.
- **Open Window Detection:** Automatically cuts off heating when an open window is detected to prevent energy waste.
- **Hourly Programming:** Schedule heating cycles in hourly increments.
- **Easy Installation:** Designed for straightforward setup.

4. Technical Specifications

Model Number	TRTHE1
Power Supply	230V
Temperature Sensor	NTC3950 10Ω at 25°C
Operating Ambient Temperature Range	0 – 50°C
Operating Relative Humidity	90%
Sensor Accuracy	+/- 0.5°C
Protection Class	IP20
Casing Material	UL94-5 Flame-retardant ABS plastic
Dimensions (H x W x D)	9.8 cm x 7.8 cm x 3.2 cm
Item Weight	210 grams
Connectivity Technology	Wi-Fi (2.4GHz only)
Controller Type	Amazon Alexa, Google Assistant
Specific Uses	Electric baseboard heater
Included Components	Bag of fixing screws

5. Setup and Installation

The Triomph TRTHE1 thermostat is designed for easy installation. Please follow these guidelines:

1. **Safety First:** Ensure the main power supply to your electric radiator circuit is turned off before beginning installation.
2. **Mounting:** Use the provided fixing screws to securely mount the thermostat to the wall.
3. **Wiring:** Connect the thermostat to your electric radiator using the pilot wire system. Typically, this involves connecting the phase wire from the wall to the thermostat, the phase wire from the radiator to the thermostat, the neutral wires similarly, and the pilot wire from the radiator to the thermostat's pilot wire terminal. If you are unsure, consult a qualified electrician.
4. **Power On:** Once wired, restore power to the circuit.

5. **App Download:** Download the **Domolink** or **SmartLife** application from your smartphone's app store.
6. **Wi-Fi Connection:** Open the app and follow the instructions to connect your TRTHE1 thermostat to your home Wi-Fi network. *Important: The thermostat only supports 2.4GHz Wi-Fi networks. If your router broadcasts both 2.4GHz and 5GHz, ensure your phone is connected to the 2.4GHz network during the pairing process.*
7. **Radiator Setting:** Ensure your electric radiator is set to 'Pilot Wire' mode (often indicated by 'P' or 'FilP') for proper control by the thermostat.

6. Operating Instructions

Control your Triomph TRTHE1 thermostat using the mobile application or voice assistants.

6.1. Using the Mobile Application (Domolink/SmartLife)

- **Temperature Adjustment:** Manually set your desired temperature directly from the app.
- **Hourly Programming:** Create custom heating schedules for different times of the day and days of the week. Note that programming is done in hourly increments.
- **Operating Modes:** Select one of the four available modes:
  - **Comfort:** Maintains a comfortable, user-defined temperature.
  - **Eco:** Maintains a lower, energy-saving temperature.
  - **Stop:** Turns off heating.
  - **Frost Protection:** Maintains a minimum temperature to prevent freezing (e.g., 7°C).
- **Remote Control:** Adjust settings and monitor your thermostat from anywhere with an internet connection.

6.2. Voice Control (Google Assistant / Amazon Alexa)

After linking your Domolink/SmartLife account to your Google Assistant or Amazon Alexa app, you can use voice commands to control your thermostat. Examples:

- "Hey Google, set the living room thermostat to 21 degrees."
- "Alexa, what is the temperature in the bedroom?"
- "Hey Google, turn off the heating."

6.3. Open Window Detection

The thermostat automatically detects open windows. When an open window is identified, the heating will temporarily pause to conserve energy. Heating will resume once the window is closed or after a set period.

7. Maintenance

To ensure optimal performance and longevity of your Triomph TRTHE1 thermostat, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the thermostat's surface with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the device.
- **Connection Check:** Periodically inspect the wiring connections to ensure they are secure. If you notice any loose connections or damage, consult a qualified electrician.
- **Software Updates:** Keep the Domolink or SmartLife application updated to the latest version to benefit from new features and performance improvements.

8. Troubleshooting

If you encounter issues with your Triomph TRTHE1 thermostat, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Thermostat not connecting to Wi-Fi	Ensure your Wi-Fi network is 2.4GHz. If you have a dual-band router, temporarily disable the 5GHz band during setup or ensure your phone is connected to the 2.4GHz network. Check Wi-Fi signal strength at the thermostat's location.
Heating stops at midnight when using weekly program	This is a known issue reported by some users. Ensure your app and thermostat firmware are up to date. If the problem persists, contact Triomph technical support for assistance. As a temporary workaround, you may need to manually reactivate heating via the app.
Thermostat not controlling the radiator	Verify that your electric radiator is set to 'Pilot Wire' mode (P or FilP). Check all wiring connections for security and correctness.
Inaccurate temperature readings	Ensure the thermostat is not exposed to direct sunlight, drafts, or heat sources that could affect its sensor.

9. Warranty and Support

The Triomph TRTHE1 thermostat comes with a **2-year availability for spare parts**. We offer comprehensive technical support to assist you at every step of your experience. Our free technical service is available to answer your questions and resolve issues, guiding you through product installation and use. Whether by email, phone, or video conference, our team of technical experts is at your disposal to provide the assistance you need.
For technical assistance, please refer to the contact information provided with your product packaging or visit the official Triomph website.

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