



Manuals.plus /

- › MOES /
- › MOES Gas/Heater - Water Smart Thermostat User Manual

MOES WHT-009-GA-WH-EU

MOES Smart Thermostat User Manual

Model: WHT-009-GA-WH-EU

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your MOES Gas/Heater - Water Smart Thermostat. This device offers intelligent temperature control for your room, integrating with Wi-Fi for remote management and smart home ecosystems like Alexa and Google Home. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. SAFETY INFORMATION

- Installation should be performed by a qualified professional to prevent electric shock or damage to the device.
- Always disconnect power at the circuit breaker before installing or servicing the thermostat.
- A neutral line is required for the proper operation of this thermostat. Ensure your electrical system provides a neutral wire at the installation point.
- This device supports 2.4GHz Wi-Fi networks only. 5.0GHz Wi-Fi is not supported for connection.
- Do not expose the thermostat to water or excessive humidity.
- Keep out of reach of children. The screen lock function can prevent accidental changes to settings.

3. PRODUCT OVERVIEW AND FEATURES

The MOES Smart Thermostat is designed for efficient and convenient control of gas and water heating systems. Its sleek design and intuitive interface make it a valuable addition to any smart home.



Figure 1: MOES Smart Thermostat Front View. This image shows the MOES Smart Thermostat with its digital display indicating '20°C' and '10:00'. A central rotary knob with a metallic finish and blue ring is visible at the bottom. Icons for cloud, flame, clock, lock, home, and multi-person are present on the screen.

Key Features:

- **Intelligent Heating System:** Provides smart temperature control and weather data.
- **App Remote Control:** Manage settings via Tuya/Smart Life app (2.4GHz Wi-Fi required).
- **Voice Control:** Compatible with Alexa and Google Home for hands-free operation.
- **User-Friendly Design:** Intuitive rotary and push button control, 2.5D arc effect design, ultra-thin embedded panel.
- **Energy-Saving Features:** Supports 5+1+1 programmable settings, configurable with door/window sensors to prevent energy waste.
- **Power Failure Protection:** Safely stores all settings in case of power interruption.
- **Screen Lock:** Prevents accidental changes to settings.

4. PACKAGE CONTENTS

- MOES Smart Thermostat Unit
- Mounting Screws (2)
- User Manual

5. INSTALLATION GUIDE

5.1 Wiring

Important: Ensure power is disconnected before wiring. This thermostat requires a neutral line (N) in addition to the live (L) and load (L1) wires for the heating system. Connect wires according to the diagram provided in the physical manual or by a qualified electrician. Incorrect wiring can damage the device or cause electrical hazards.

5.2 Mounting

After wiring, secure the thermostat base to the wall using the provided mounting screws. Ensure it is level and firmly attached. Snap the thermostat display unit onto the base.

5.3 Initial Power On

Once mounted and wired, restore power at the circuit breaker. The thermostat display will light up, indicating it is ready for initial setup, including Wi-Fi pairing.

6. OPERATING INSTRUCTIONS

6.1 Basic Operation

The central rotary knob allows for direct temperature adjustment. Rotate it clockwise to increase the temperature and counter-clockwise to decrease it. Press the knob to confirm selections or enter menus.

6.2 Display Information

The digital display shows current temperature, time, and various icons:

- **Flame Icon:** Indicates the heating system is active.
- **Cloud Icon:** Displays current weather information (requires internet connection).
- **Clock Icon:** Indicates time settings or schedule mode.
- **Lock Icon:** Shows if the screen lock function is enabled.
- **Home Icon:** Represents home mode or manual control.
- **Multi-person Icon:** Indicates shared device control via the app.

6.3 Operating Modes

The thermostat typically supports two main operating modes:

- **Automatic Mode:** Follows the pre-set programmable schedule.
- **Manual Mode:** Maintains a constant temperature set by the user, overriding the schedule.

6.4 Programmable Settings (Schedules)

The thermostat supports 5+1+1 programmable settings per week, allowing you to set different temperature schedules for weekdays (5 days), Saturday (1 day), and Sunday (1 day). Each day can have up to 6 time periods with corresponding temperature settings. Refer to the app instructions for detailed schedule setup.

7. APP CONTROL (TUYA/SMART LIFE)

7.1 Downloading the App

Download the "Tuya Smart" or "Smart Life" app from your smartphone's app store (Google Play Store for Android, Apple App Store for iOS).

7.2 Device Pairing

1. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network.
2. Open the app and register/log in.
3. Follow the in-app instructions to add a new device. The thermostat will enter pairing mode (usually indicated by a flashing Wi-Fi icon).
4. Confirm the Wi-Fi network and enter the password. The thermostat will connect to the network.

7.3 Remote Control Features

Once paired, you can:

- Change temperature settings from anywhere.
- Create and modify programmable schedules.
- Turn the thermostat on/off.
- Create intelligent scenes with other smart devices.
- Share device control with family members.

8. VOICE CONTROL (ALEXA/GOOGLE HOME)

To enable voice control, link your Tuya Smart or Smart Life account to your Amazon Alexa or Google Home app. Once linked, you can use simple voice commands:

- "Alexa, set [Thermostat Name] to 22 degrees."
- "Hey Google, what is the temperature of [Thermostat Name]?"
- "Alexa, turn on [Thermostat Name]."

9. ENERGY SAVING FEATURES

- **Programmable Schedules:** Utilize the 5+1+1 programmable settings to optimize heating times and temperatures, reducing energy consumption when heating is not needed.
- **Door/Window Sensor Compatibility:** The thermostat can be configured to work with compatible WLAN door and window sensors. If a sensor detects an open window or door, the thermostat can automatically pause heating to prevent energy waste.

10. MAINTENANCE

The MOES Smart Thermostat requires minimal maintenance.

- **Cleaning:** Wipe the display and casing with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **No User-Serviceable Parts:** Do not attempt to open or repair the thermostat yourself. Refer to qualified service personnel for any issues beyond basic troubleshooting.

11. TROUBLESHOOTING

Common Issues and Solutions:

- **Thermostat not powering on:** Check the circuit breaker. Ensure the neutral line is correctly wired.
- **Cannot connect to Wi-Fi:** Ensure your router is broadcasting a 2.4GHz signal. Verify Wi-Fi password. Move the thermostat closer to the router if signal is weak.
- **Incorrect temperature reading:** Ensure the thermostat is not exposed to direct sunlight, drafts, or heat sources that could affect its sensor.
- **Heating not turning on/off:** Check wiring connections. Verify the thermostat is in the correct operating mode (Auto/Manual) and the set temperature is appropriate.
- **App not responding:** Check your phone's internet connection. Restart the app.

For more complex issues, consult the in-app help section or contact MOES customer support.

12. SPECIFICATIONS

Feature	Specification
Brand	MOES
Model Number	WHT-009-GA-WH-EU
Color	Gc
Package Dimensions	10.8 x 9.9 x 6.7 cm
Item Weight	230 g
Connectivity Technology	Wi-Fi (2.4GHz only)
Control Type	Button Control, Voice Control
Special Features	Alexa/Google Home/Smart Life/Tuya App compatibility, Energy-saving function, Smart Home experience
Specific Uses	Heating control in the house, Energy efficiency, Compatible with Gas/Water heaters
Neutral Line	Required

13. WARRANTY AND SUPPORT

MOES products are designed for reliability and performance. This product comes with a standard manufacturer's warranty. For specific warranty terms, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official MOES website. Please have your model number (WHT-009-GA-WH-EU) and purchase information ready when contacting support.