Water/Gas Boiler Thermostat MHS-WT1-WF

User Manual

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1. Product overview



Fig. 1. Myers MHS-WT1-WF water/gas boiler thermostat

The Myers MHS-WT1-WF is a Wi-Fi room thermostat for water and gas boilers. It switches the boiler on and off via a dry (potential-free) contact and is installed in a standard flush-mounted switch box.

The thermostat connects to the Partizan mobile app, which provides remote control, weekly heating schedules, household sharing and an operation log.

1.1. Technical specifications

Parameter	Value
Power supply	95–240 V AC (thermostat power only)
Maximum load	3 A (boilers, valve actuators)
Switching type	Dry (potential-free) contact
Setting range	5 °C to 35 °C
Accuracy	±0.5 °C
Connectivity	Wi-Fi 2.4 GHz
Mounting	Standard flush-mounted switch box

1.2. Operating principle

The thermostat controls the boiler via a dry contact: it closes or opens the boiler control circuit without applying voltage to the contacts.

- Contacts closed — the boiler receives the signal to start heating.
- Contacts open — the boiler receives the signal to stop heating.

2. Installation

2.1. Wiring

Installation must be performed by a qualified specialist.

1. Switch off the main circuit breaker of the boiler and of the thermostat circuit.
2. Connect the power supply to terminals L and N.
3. Connect the boiler terminals (usually marked 1 and 2) to the control input of the boiler.

2.2. Replacing an existing thermostat

If a previous thermostat is already wired, it can be replaced with the MHS-WT1-WF. The mounting location requires a mains power supply point and a two-wire cable to the boiler.

Note: If there is no existing thermostat wiring, a gas service technician must connect the dry contact inside the boiler.

3. Connecting to the Partizan app

1. Open the Partizan app.
2. On the thermostat, press and hold the down arrow button for 8 seconds until the display starts flashing.
3. In the app, select Add Device > Thermostat (Wi-Fi) and follow the on-screen instructions.
4. When pairing is complete, press the middle button to switch the thermostat on.
5. The current room temperature is displayed in the app.

Note: The Wi-Fi icon is not displayed while the thermostat is waiting for network settings. It appears only after the thermostat has received them.

Note: The default schedule periods are not in chronological order. Check the schedule and set the times as required.

4. Key features in the Partizan app

Feature	Description
Weekly schedules	Set periods such as “Leave for work” (temperature lowered to 18 °C) and “Return home” (raised to 22 °C) for each day of the week
Remote heating	Switch on heating via the app, e.g. an hour before you arrive home
Home sharing	Add family members to the Partizan app so they can adjust the temperature
Operation log	Monitor how often the boiler switches on and adjust schedules to reduce gas or water consumption

5. Smart modes

Mode	Description
Manual / Programme	Switch between a fixed temperature setting and an automatic time schedule with a single tap
Holiday mode	Set a maintenance temperature for the period you are away and the return date when normal heating resumes
Control lock	Enable the child lock in the Partizan app to prevent changes to the settings on the thermostat itself

6. Safety precautions

- Do not use the thermostat to power high-current pumps directly (max. 3 A). Use a contactor for higher loads.
- Do not install the thermostat in draughty locations or in direct sunlight. Otherwise, the measured temperature will not match the actual room temperature.

Contacts:

WhatsApp: +420 777 054 888

Email: support@elvix.cz

Telegram: https://t.me/PartizanSupport_bot