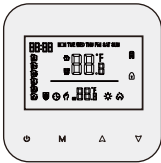
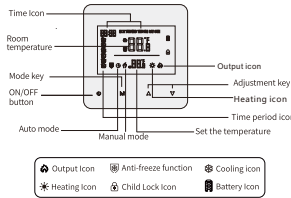


**BOT-R5W/R8W No WIFI  
Gas Boiler Thermostat Manual**



■ Explanation of Equipment Icons

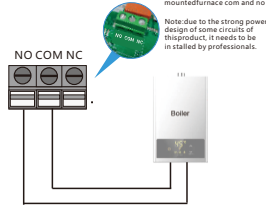


■ Instructions

⊖ ON/OFF key: Press once to power on, press again to power off and close all valves.  
M Mode Conversion Key: Press M to switch working modes when powered on. LCD shows for manual mode and for automatic mode.  
Δ ∇ Adjustment keys: Press Δ or ∇ to adjust set temperature and other parameters when powered on.  
Child Lock Function: When powered on, long - press Δ and ∇ for 5s. Once a lock icon shows up on the right of the display, the keys are locked.

| Introduction to Functions |                                                                                                                                                |                                                                                       |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Display                   | Parameter name                                                                                                                                 | Default Parameter function                                                            |
| 1                         | Temperature compensation                                                                                                                       | 0.0 The temperature compensation range is from -5°C to 5°C.                           |
| 2                         | Temperature difference start                                                                                                                   | 0.5 The temperature difference starting range is from 0.5°C to 10°C.                  |
| 3                         | Anti freeze function                                                                                                                           | off Enable/Disable the anti-freeze function.                                          |
| 4                         | Set the temperature upper limit                                                                                                                | 35°C Adjustable range is from 15°C to 60°C.                                           |
| 5                         | Key sound                                                                                                                                      | on Turn on/off the key sound.                                                         |
| 6                         | Factory reset the device                                                                                                                       | Factory reset default shows "1". Press 0 to change to "0", then press Enter to reset. |
| PF                        | In daily programming mode, short press M to select and adjust Mon - Sun data. Then short - press Δ and ∇ to adjust 6 daily programming points. |                                                                                       |
| CL                        | Clock adjustment: Short - press M to enter time and date adjustment. Short - press M to switch options, and Δ or ∇ to adjust values.           |                                                                                       |

■ Wiring diagram



Application

The intelligent thermostat is designed for gas - fired wall - hung boiler.  
It controls the boiler's operation by comparing ambient and set temperatures, aiming to regulate room temperature for comfort and energy savings.

Electrical specifications

|                          |                               |
|--------------------------|-------------------------------|
| Equipment power supply   | 3x1.5V alkaline AAA batteries |
| Protection Level         | IP20                          |
| Temperature sensor       | NTC                           |
| Temperature precision    | ±0.5 (adjustable)             |
| Load current             | 3A (resistive)                |
| Self - consumption power | less than 170 μA              |

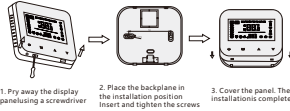
■ Advanced Device Option Settings

- When the device is on, click Δ and ∇ to adjust the set temperature directly. If it's in automatic mode, it will switch to temporary mode.
- Power on the device and click the M button to toggle between manual and automatic modes.
- While the device is powered on, long - press the M button to enter the setting state. There are four setting states. Click Δ and ∇ to select up and down, and short - press M to confirm after selection.

■ Daily Programming time slot

| Serial number | Icon | Time period | Button | Temperature | Button |
|---------------|------|-------------|--------|-------------|--------|
| 1             |      | 06:00       |        | 20°C        |        |
| 2             |      | 08:00       |        | 16°C        |        |
| 3             |      | 11:30       | Δ      | 16°C        | Δ      |
| 4             |      | 12:30       | ∇      | 16°C        | ∇      |
| 5             |      | 17:00       |        | 22°C        |        |
| 6             |      | 22:00       |        | 16°C        |        |

■ Installation Steps



■ Common failure

| phenomenon                           | Treatment method                                                                                                                                |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Cant not turn it on                  | 1 Check whether the battery is installed upside down<br>2 Check whether the boot button is valid                                                |
| LCD garbled code                     | Whether the rear shell installation is deformed, it can be loosened and reinstalled.                                                            |
| Show normal and no output            | 1 Check whether the connection between the main control board and the power board is damaged<br>2 Check if the signal line is wiring correctly. |
| There is an error in the temperature | Display through the first calibration panel of the advanced option.                                                                             |

Scann den QR-Code, um die Anleitung auf Deutsch abzurufen.  
Scansiona il QR code per scaricare le istruzioni in italiano.  
Escanea el código QR para obtener el manual en español.  
Scannez le code QR pour obtenir le manuel en français.

