

SURFACE-MOUNTED WIFI THERMOSTAT WITH BOILER CONTROL

Heating and boiler, wherever you are

The GS-THWHB is a surface-mounted thermostat: it measures the room temperature, shows it on the display and switches the water heating system on or off automatically according to the difference from the setpoint. A separate key switches the boiler on and off. It can also be controlled remotely over WiFi with the GEYER Smart app.



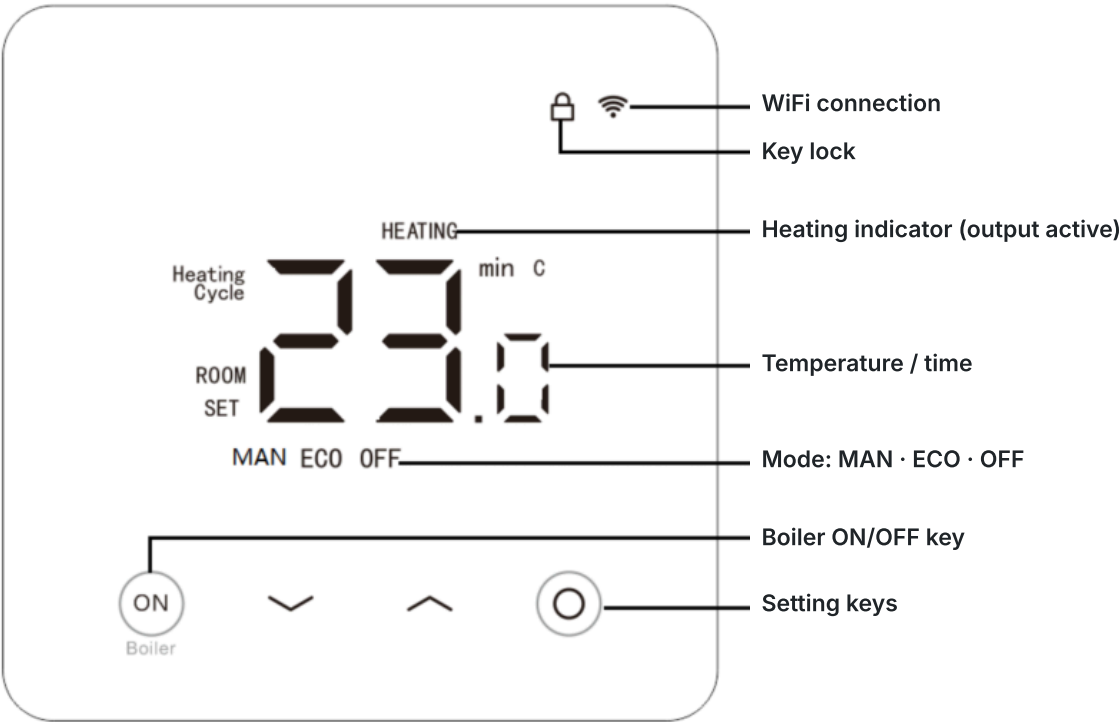
GS-THWHB-W



GS-THWHB-B

- White (W) or black (B)
- Surface mounted
- Boiler key

1 Get to know the thermostat



Keys

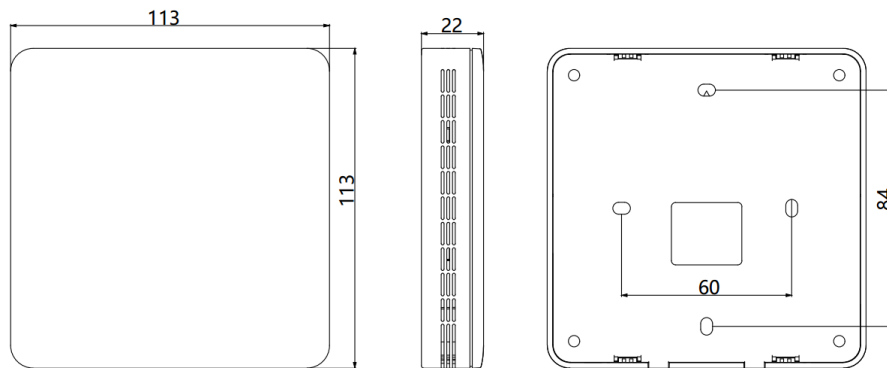
- Boiler ON/OFF
- Lower value
- Raise value
- ON/OFF · mode selection · confirm

2 Installation

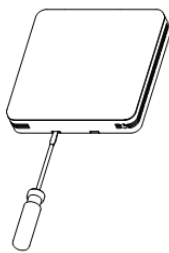


Caution: Installation must only be carried out by a certified electrician. Risk of electric shock: more than one disconnect switch may be required to de-energize the equipment before servicing.

Dimensions (mm)

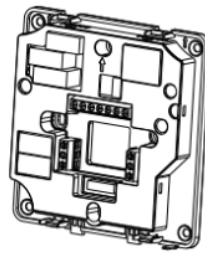


1



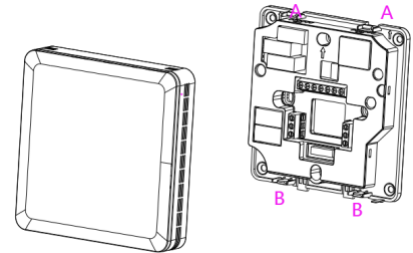
Use a straight screwdriver in the two prying openings at the bottom to release the back case.

2



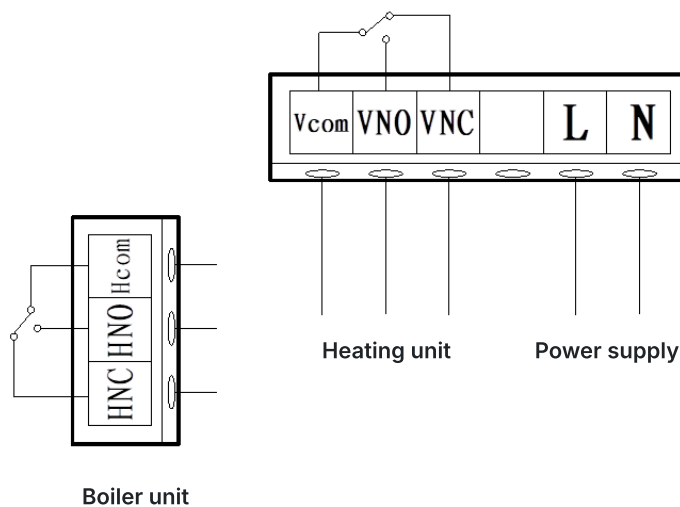
Separate the two parts and fix the installation plate on the wall.

3



Align the device first at A-A, then at B-B, and press on B-B.

Wiring diagram



Vcom: common

VNO: normally open

VNC: normally closed

L/N: 220 VAC supply

Hcom: common

HNO: normally open

HNC: normally closed (boiler output)

* If you want the output to supply live (L) to the heating unit, bridge terminals **L** and **Vcom**.

Likewise, for the boiler output to supply live (L), bridge terminals **L** and **Hcom**.

3 Functions

Power on / off

Press and hold . When switched off, all outputs are off.

Temperature setting

Press  or  to change the temperature (5–37 °C, step 0.5). Press  to confirm or wait 5 seconds.

Boiler control

With the thermostat on, short press  to switch the boiler on or off. When the boiler is on,  is shown; when it is off,  is shown.

Key lock

Hold  +  to lock or unlock. While locked,  is shown and only a long press of  works.

Display brightness

Hold  + , adjust with  /  and press . Levels: 0 dim · 1 medium · 2 full.

Heating modes

Short press : the mode indicator flashes. Select with  /  and press  to confirm, or wait 5 seconds.

MAN Manual

The thermostat follows your setpoint. Heating turns on when the room temperature falls to the setpoint minus the hysteresis (HEATING is shown) and turns off when it reaches the setpoint.

ECO Energy saving

Heating runs in cycles: in every 20-minute cycle it stays on for the minutes you set with  /  (1–20 min). It does not follow the room temperature.

OFF Off

The thermostat stays on, the display shows OFF and the heating output turns off.

4 Installer settings



Switch the thermostat off first

All installer settings are made only with the thermostat switched off. Hold until it turns off, then follow the steps.

Temperature calibration

Thermostat OFF

Hold . Adjust with / and press .

Range -9.9 ... +9.9, step 0.1.

Temperature hysteresis

Thermostat OFF

Hold . Adjust with / and press .

Range 0.5 ... 5, step 0.5.

Boiler state after a power failure

Thermostat OFF

Hold + . Choose with / and press .

0 the boiler comes back off · 1 comes back on · 2 returns to its state before the power failure.

Firmware version

Thermostat OFF

Hold + to view the current firmware version.

Display test

Thermostat OFF

Hold + to light up all display segments.

5 WiFi & GEYER Smart app



- 1 Download the **GEYER Smart** app from Google Play or the App Store, or scan the QR code.
- 2 Create an account and log in.
- 3 Tap "+" in the top right and **"Add Device"**. Turn on your phone's Bluetooth and put the thermostat into pairing mode (see below).
- 4 When the thermostat appears, tap **"Add"**, enter your WiFi name and password and wait for the setup to finish.

WiFi connection on the thermostat

With the thermostat on, hold + for 3 seconds. flashes and stays on once the connection is complete. To connect again, repeat the same steps.

Note: The thermostat connects only to 2.4 GHz WiFi, not to networks that switch automatically between 2.4 and 5 GHz.

6 Technical specifications

White version code	GS-THWHB-W	Operating conditions	0 ... 55 °C, < 95% RH non-condensing
Black version code	GS-THWHB-B	WiFi	2.4 GHz
Power supply	220 VAC	Dimensions	113 × 113 × 22 mm
Standby consumption	≤ 1 W	Housing	PC + ABS
Resistive load	2 loads, each ≤ 5 A	Installation	Surface mounted
Setting range	5 ... 37 °C	Wire connection	Terminal
Display precision	0.1 °C		

! Safety

- Read the instructions before starting up the unit.
- This product is not a toy. Keep it away from children and animals.
- Do not expose it to moisture, water or other liquids, and do not place liquids near it.
- Do not disassemble, repair or modify it yourself.
- For indoor use only.



Indoor use · Double insulation (Class II)



The device complies with the essential requirements and other relevant provisions of Directive 2014/53/EU.



Do not dispose of it with household waste. Take it to a designated recycling point.

7 2-year limited warranty

The product is warranted against defects in material and workmanship for 2 years from the date of purchase under normal and proper use. At our option, we will repair or replace any defective part. The warranty does not cover damage from improper installation, accident, misuse, natural disaster, unsuitable power supply or any unauthorized disassembly, repair or modification. It does not apply if the product was not used according to the instructions or for its intended purpose, if its identification information has been altered or removed, or if it was sold as second-hand.



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