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› Floureon BYC17.GH3 Programmable Wall Thermostat User Manual

FLOUREON BYC17.GH3

Floureon BYC17.GH3 Programmable Wall Thermostat User Manual

Model: BYC17.GH3

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Floureon BYC17.GH3 Programmable Wall Thermostat. This device is designed for electric heating systems and features advanced single-chip computer control technology to maintain your desired temperature efficiently.

Key features include a square LCD screen with white backlight, multiple time modes (5+2/6+1/7 days, 6 daily levels), manual or automatic operation, power-off time memory, and child lock protection.

PRODUCT OVERVIEW



Image: A set of four Floureon BYC17.GH3 thermostats, highlighting their compact design and clear digital display.

BYC17 Thermostat

Your House Temperature Manager



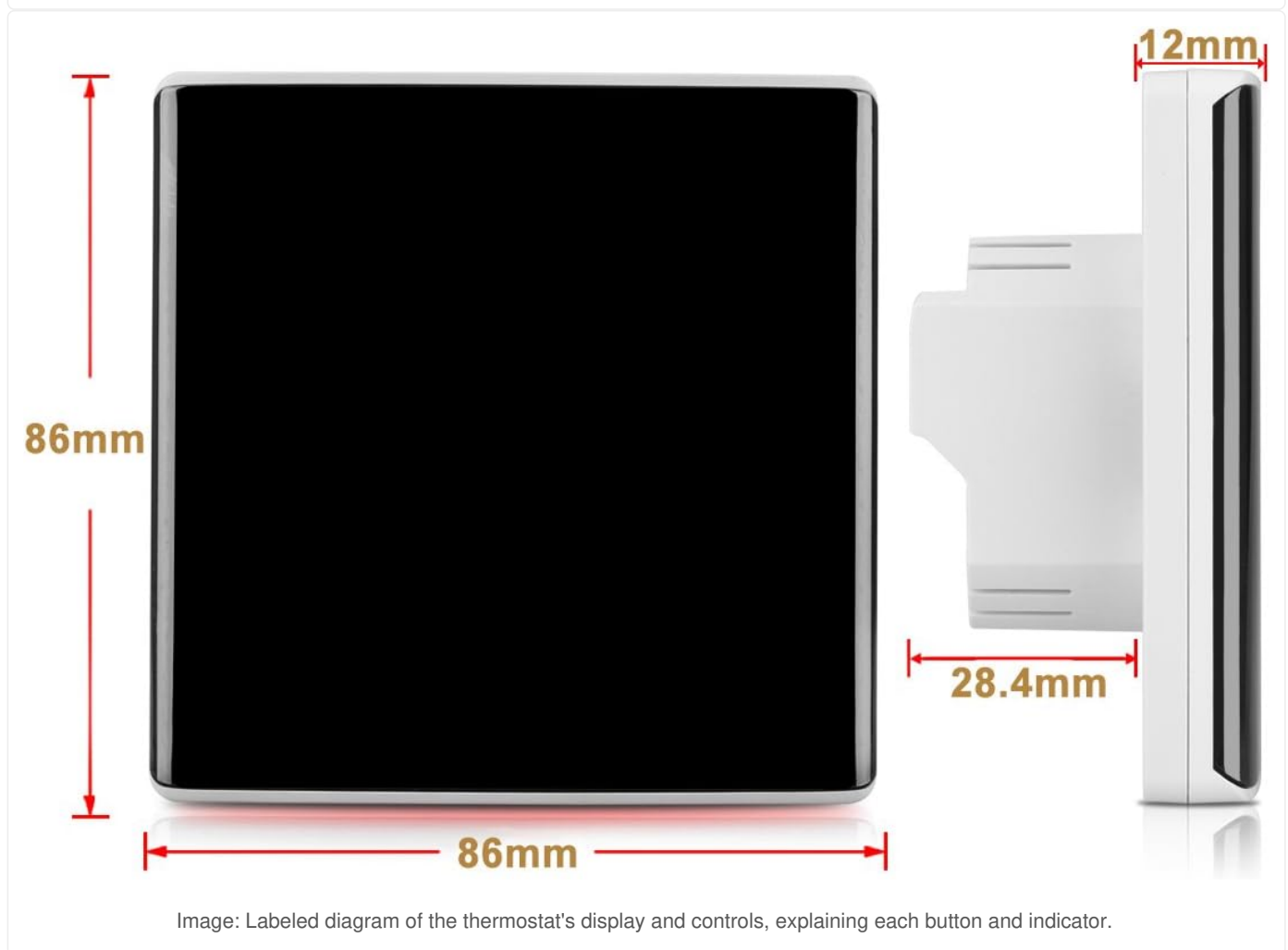
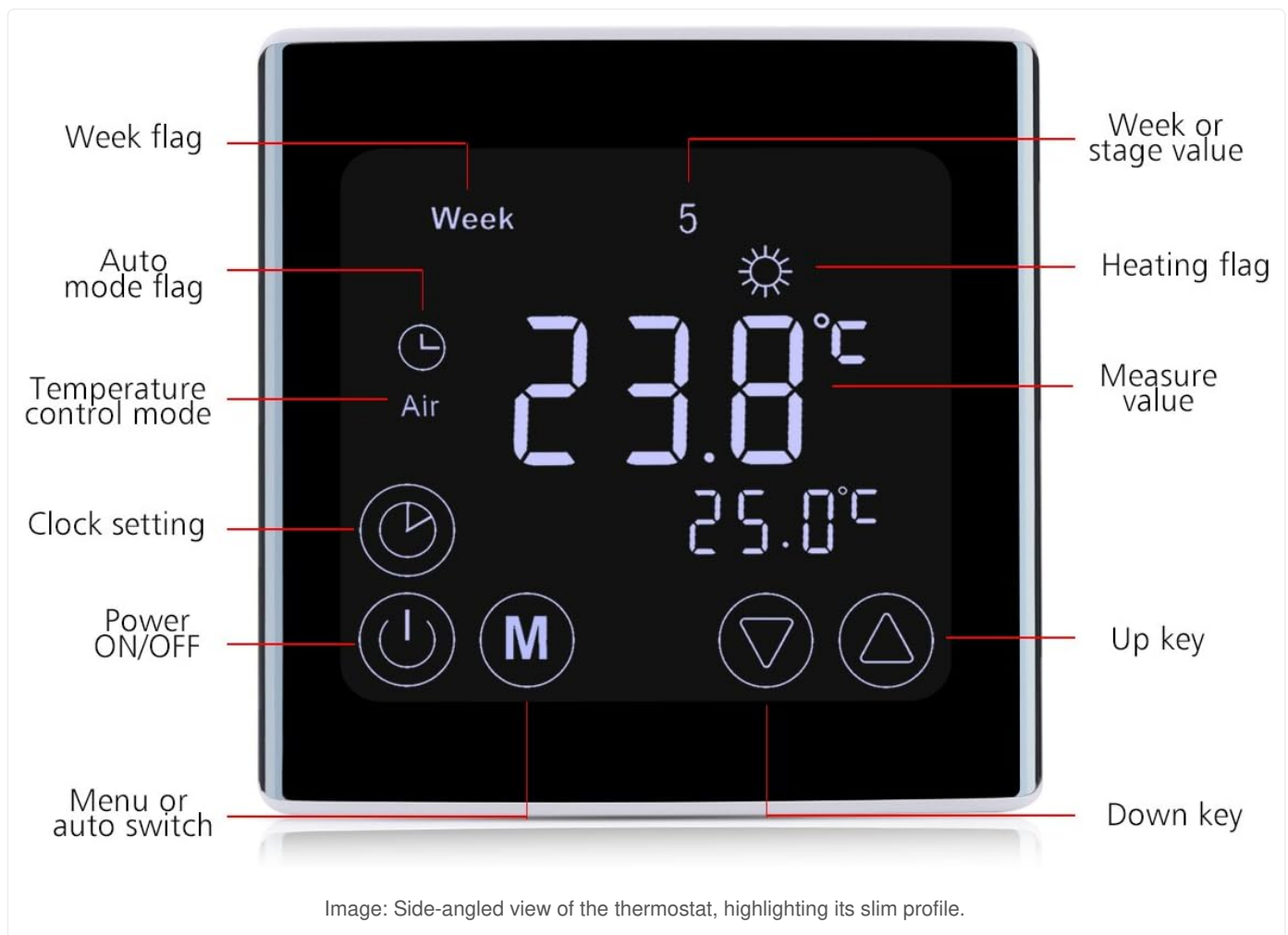
Image: The BYC17.GH3 thermostat installed on a wall, demonstrating its sleek appearance in a home environment.



Image: The thermostat in a bedroom setting, illustrating its discreet presence.



Image: Angled view of the thermostat, showcasing its touchscreen and display clarity.



Wiring diagram

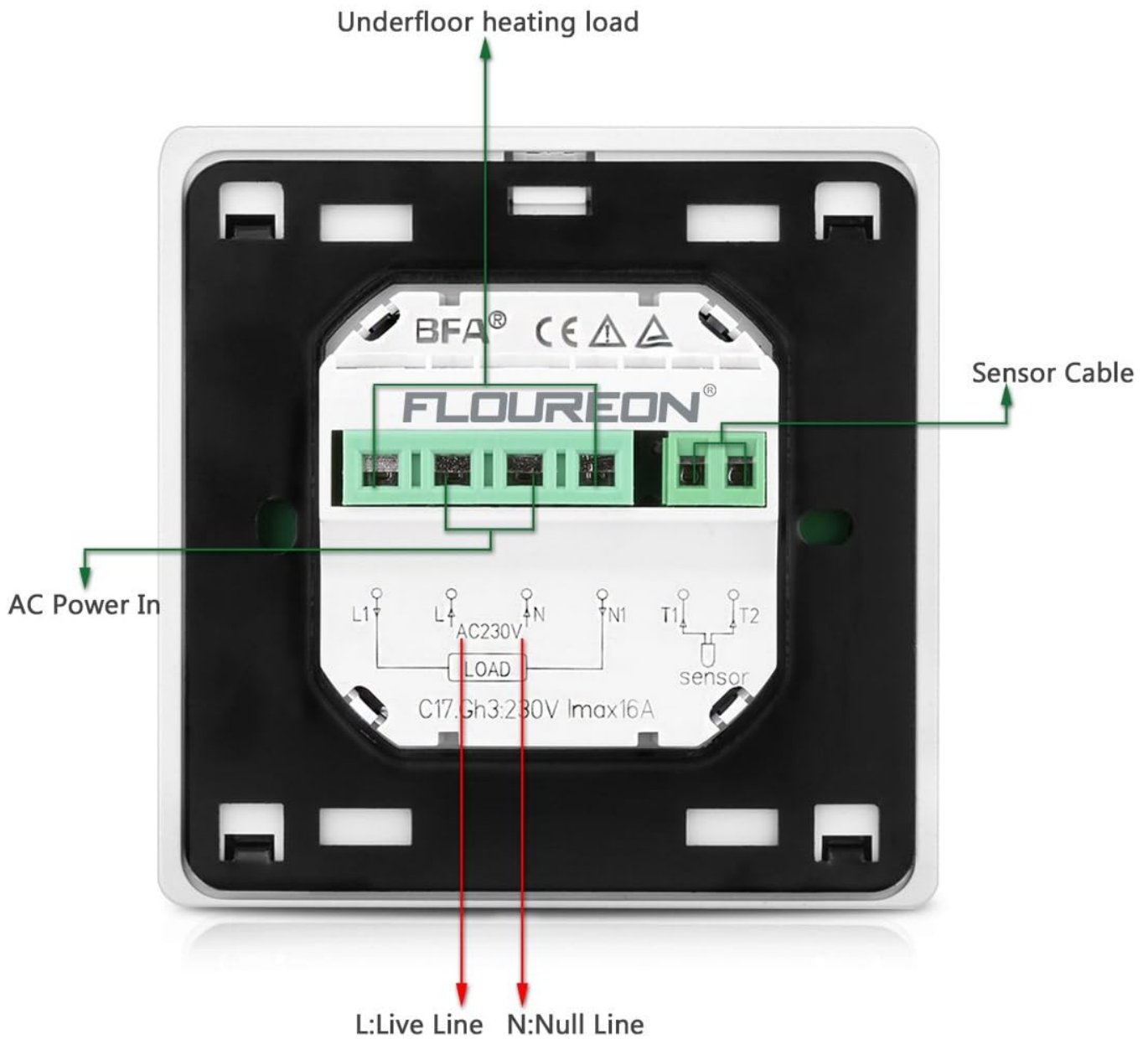


Image: Dimensional drawing of the thermostat, providing exact measurements for installation planning.

SETUP AND INSTALLATION

Safety Precautions

- Ensure power is disconnected before installation to prevent electric shock.
- Installation should be performed by a qualified electrician.
- Follow all local electrical codes and regulations.

Mounting the Thermostat

1. Turn off the main power supply to the heating system.
2. Remove the front panel of the thermostat to access the mounting holes.
3. Mount the thermostat base to the wall using the provided mounting screws. Ensure it is level.

4. Refer to the wiring diagram for correct connections.

Wiring Diagram



Connect the wires according to the diagram. The thermostat supports both internal and external sensors. Ensure the Live Line (L) and Null Line (N) are correctly identified and connected to the AC power input. The heating load connects to the LOAD terminals. The external sensor cable (3m provided) connects to T1 and T2.



Image: Close-up of the thermostat's wiring terminals, showing the secure connection points.

After wiring, carefully reattach the front panel to the thermostat base. Restore power to the heating system.

OPERATING INSTRUCTIONS

Display and Buttons

Refer to the "Product Overview" section for a detailed labeled diagram of the thermostat's display and buttons.

- **Power ON/OFF Button:** Press to turn the thermostat on or off.
- **Menu/Auto Switch (M) Button:** Press to switch between manual and automatic modes, or to enter menu settings.
- **Up Key (Δ):** Increases temperature setting or navigates menu options upwards.
- **Down Key (▽):** Decreases temperature setting or navigates menu options downwards.
- **Clock Setting Button:** Used to set the current time and day.

Setting the Time and Day

1. Press the **Clock Setting** button.
2. Use the **Up** (Δ) and **Down** (▽) keys to adjust the hour, then press the **Clock Setting** button again to confirm and

move to minutes.

3. Repeat for minutes and day of the week.

Programming Schedule (5+2/6+1/7 Days)

The thermostat supports flexible programming with 6 daily levels. This allows you to set different temperatures for various times of the day across different weekly schedules.

1. Press and hold the **Menu (M)** button for 3-5 seconds to enter programming mode.
2. Use the **Menu (M)** button to cycle through the programming periods (e.g., Morning, Day, Evening, Night).
3. Use the **Up (Δ)** and **Down (∇)** keys to adjust the desired temperature and time for each period.
4. Press the **Power ON/OFF** button to exit programming mode and save settings.

Manual Mode Operation

In manual mode, the thermostat maintains a constant temperature set by the user, overriding the programmed schedule.

1. Press the **Menu (M)** button briefly to switch to manual mode (indicated by a specific icon on the display).
2. Use the **Up (Δ)** and **Down (∇)** keys to set your desired temperature.
3. The thermostat will maintain this temperature until you switch back to automatic mode or change the setting.

Child Lock Protection

To prevent unauthorized changes, the thermostat features a child lock function.

- To activate: Press and hold both the **Up (Δ)** and **Down (∇)** keys simultaneously for 3-5 seconds until a lock icon appears on the display.
- To deactivate: Press and hold both the **Up (Δ)** and **Down (∇)** keys simultaneously for 3-5 seconds until the lock icon disappears.

MAINTENANCE

The Floureon BYC17.GH3 thermostat requires minimal maintenance.

- **Cleaning:** Use a soft, damp cloth to clean the screen and casing. Do not use abrasive cleaners or solvents. Ensure the thermostat is powered off before cleaning.
- **Inspection:** Periodically check the wiring connections to ensure they are secure.
- **Battery (if applicable):** This model is directly powered and does not require battery replacement for operation. The internal clock retains settings during power outages.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Thermostat not powering on.	No power supply; incorrect wiring.	Check circuit breaker. Verify wiring connections according to the diagram. Consult a qualified electrician if unsure.
Heating system not responding to thermostat.	Incorrect wiring; thermostat in manual mode with low setpoint; heating system issue.	Ensure wiring is correct. Check if the thermostat is in automatic mode or if the manual setpoint is above the current room temperature. Verify the heating system is operational.

Problem	Possible Cause	Solution
Temperature reading appears inaccurate.	Sensor obstruction; thermostat placed near heat source/draft.	Ensure the internal sensor is not blocked. Relocate the thermostat if it's in an unsuitable position (e.g., direct sunlight, near a window/door).
Keypad is locked.	Child lock function is active.	Press and hold both the Up (Δ) and Down (▽) keys simultaneously for 3-5 seconds to deactivate.

SPECIFICATIONS

Feature	Specification
Power Supply	85-250 V AC 50/60 Hz (240 V optional)
Max Switching Power	16 A
Internal Sensor Setting Range	5-35 °C (Factory setting: 22 °C)
Internal Sensor Measurement Range	0-40 °C
External Sensor Setting Range	5-90 °C (Factory setting: overheat protection 50 °C)
External Sensor Measurement Range	0-99 °C
Display Type	LCD Touchscreen
Display Size	68 x 55 mm
Internal Sensor	NTC B = 3380 10 K @ 25 °C
External Sensor Cable Length	3 meters
Setting Unit	0.5 °C/step
Displayed Temperature Accuracy	0.1 °C
Unit Dimensions	85 x 85 x 12 mm
Backlight Color	White

WARRANTY AND SUPPORT

Information regarding specific warranty terms is not provided in the product description. Please refer to your purchase documentation or contact the retailer for warranty details.

For technical support or further assistance, please contact Floureon customer service through their official website or the retailer from whom you purchased the product.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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