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› BEOK CONTROLS BOT-313 WiFi Programmable Gas Boiler Thermostat User Manual

BEOK CONTROLS BOT-313WIFI

BEOK CONTROLS BOT-313 WiFi Programmable Gas Boiler Thermostat User Manual

Model: BOT-313WIFI | Brand: BEOK CONTROLS

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your BEOK CONTROLS BOT-313 WiFi Programmable Gas Boiler Thermostat. Please read this manual carefully before installation and use to ensure proper function and safety.

The BOT-313 thermostat is designed to control gas boilers, offering both manual and programmable modes. It features a clear LCD touchscreen, white backlight, and can be controlled via a smartphone app, Amazon Alexa, and Google Home.



Image 1.1: Front view of the BEOK CONTROLS BOT-313 WiFi Thermostat, showing the LCD display and control buttons.

2. SAFETY INFORMATION

- Installation must be performed by a qualified electrician.
- Ensure power is disconnected before installation or maintenance.
- Do not expose the device to water or excessive humidity.
- Operate the device within its specified voltage and current limits (AC 220V 3A).

3. SETUP

3.1 Package Contents

Verify that all components are present in the package:

- 1 x BEOK CONTROLS BOT-313 WiFi Thermostat
- 2 x Mounting Screws

- 1 x User Manual (this document)

BOT-313WIFI

Package List



		
Thermostat	Guiding Book	2 Screws
		

Image 3.1: The package includes the thermostat unit, a guiding book, and two mounting screws.

3.2 Physical Installation and Wiring

The thermostat is designed for built-in installation in an 86x86mm or 60x60mm European standard junction box. Ensure the power supply is AC 220V 3A.

Wiring Diagram

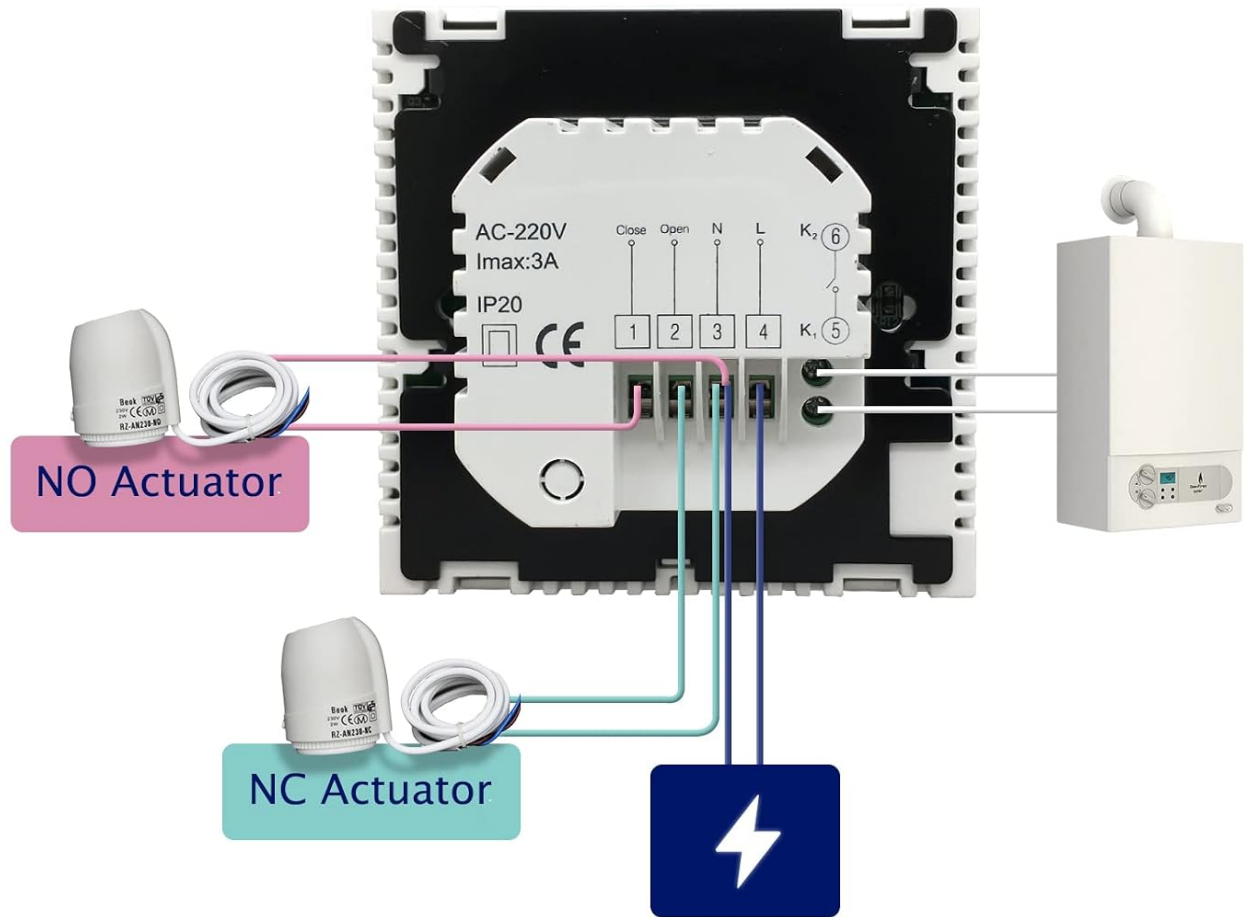


Image 3.2: Wiring diagram showing connections for the thermostat to a gas boiler and power supply. Terminals 1 and 2 connect to the NO (Normally Open) actuator, terminals 3 and 4 are for the N (Neutral) and L (Live) power input, and terminals 5 and 6 are for the NC (Normally Closed) actuator.

Dimention



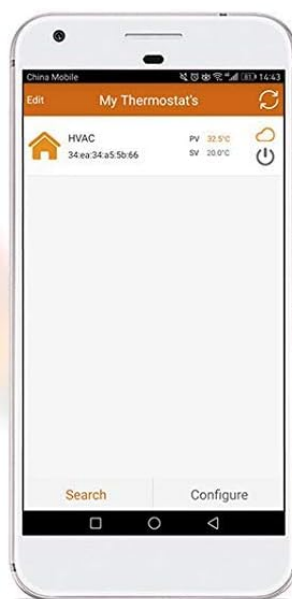
Image 3.3: Dimensions of the thermostat unit (86mm x 86mm front, 50mm depth) and a suitable wall mounting box (60mm x 60mm).

3.3 App Installation and Wi-Fi Connection

1. Download the **BeokHome** app from Google Play Store or Apple App Store.
2. Ensure your phone is connected to a 2.4GHz Wi-Fi network.
3. Open the BeokHome app and follow the on-screen instructions to add your thermostat.
4. During pairing, ensure the Wi-Fi network name and password entered in the app are correct.
5. If connection issues occur, set 'FAC' to 10 or 32 in the thermostat's advanced settings. Update the BeokHome app to the latest version.



Download **BeokHome** app from GooglePlay or AppStore.



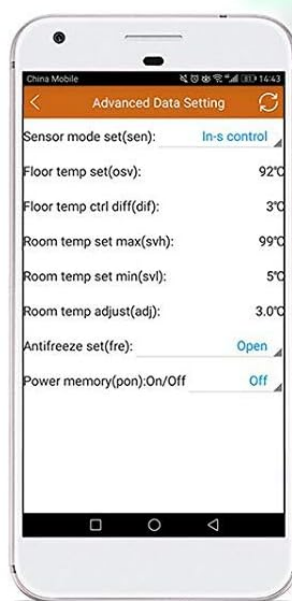
Connect to your thermostat for management.



Operation menu and working interface



Programming function, quick setting.



Advanced functions setup interface.



Power-off state.

Image 3.4: Screenshots illustrating the BeokHome app download process, connection to the thermostat, and the main operation interface.

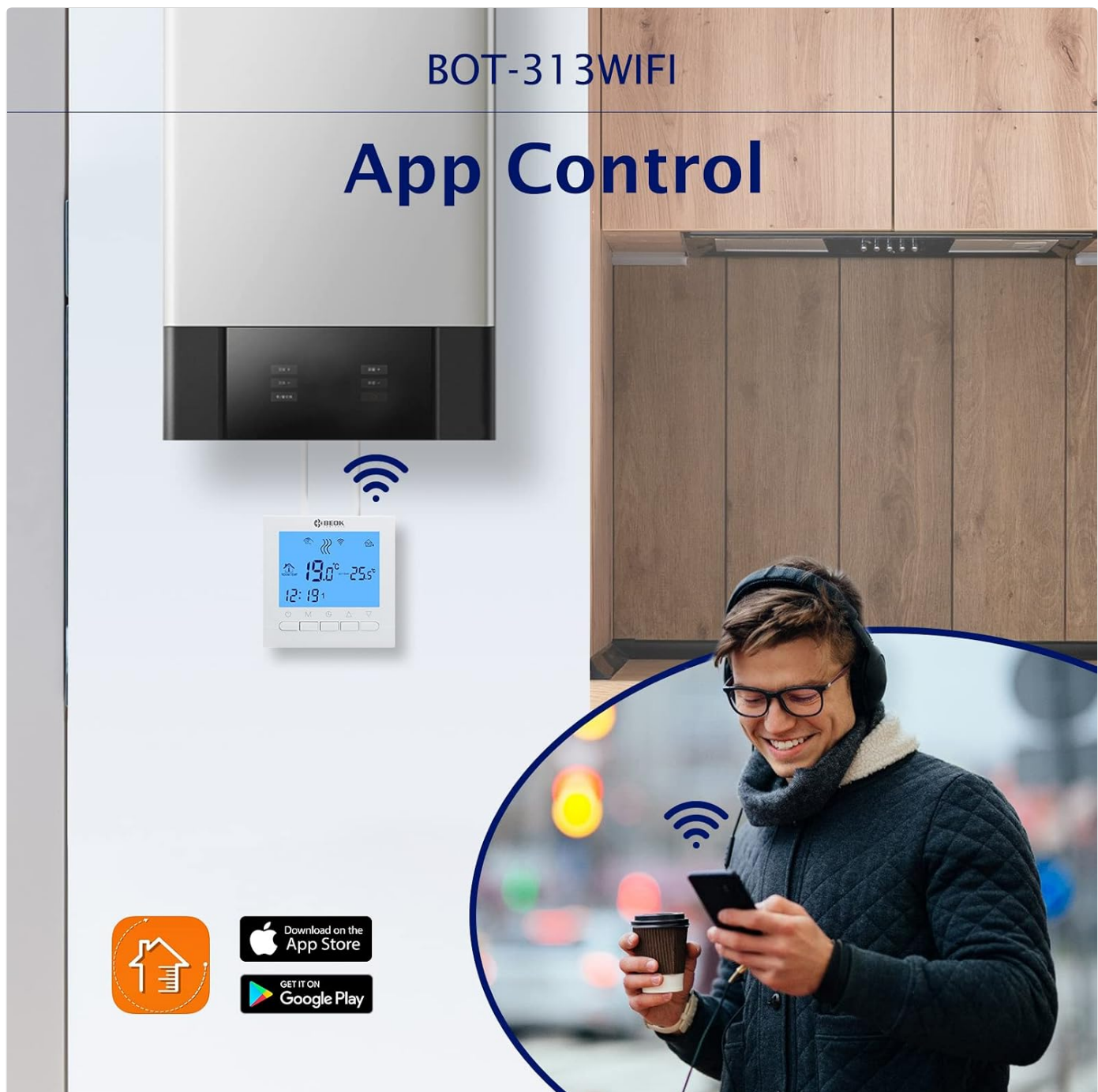


Image 3.5: Illustration of the thermostat being controlled remotely via the BeokHome app on a smartphone.

4. OPERATING INSTRUCTIONS

4.1 Modes of Operation

The thermostat supports two main operating modes:

- **Manual Mode:** Allows direct adjustment of the target temperature.
- **Automatic (Programmable) Mode:** Follows a pre-set schedule for temperature control.

4.2 Programming the Thermostat

The device features a 5+1+1 programmable schedule, allowing you to set different temperature profiles for weekdays (5 days), Saturday (1 day), and Sunday (1 day). This maximizes comfort and energy efficiency by adapting to your daily habits.

Period Setting



Period	Icon	Default Time	Default Temperature
Workday	1 ☀	06:00	20°C
	2 🏠	08:00	15°C
	3 🏠✕	11:30	15°C
	4 🏠	12:30	15°C
	5 🏠	17:30	22°C
	6 🌙	22:00	15°C
Weekends	1 ☀	08:00	22°C
	2 🌙	23:00	15°C

Image 4.1: Diagram illustrating the 5+1+1 programmable period settings, showing default times and temperatures for weekdays and weekends.

4.3 Temperature Adjustment

The temperature can be adjusted in 0.5°C increments, with an adjustable range between 5°C and 35°C. Use the up/down buttons on the thermostat or the BeekHome app to change the set temperature.

4.4 Voice Control Integration

The BOT-313 thermostat is compatible with Amazon Alexa and Google Home, allowing for convenient voice control. Ensure your thermostat is connected to your Wi-Fi network and linked to your smart home assistant account.



Image 4.2: Illustration of using voice commands with Amazon Alexa or Google Home to control the thermostat.

4.5 Advanced Features

- **Child Lock:** Prevents unauthorized changes to settings.
- **Frost Protection:** Automatically activates heating if the temperature drops below a set minimum to prevent freezing.
- **Power-off Memory:** Retains settings even after power loss.
- **Temperature Calibration:** Allows adjustment of the displayed room temperature to match actual room conditions.

5. MAINTENANCE

The BEOK CONTROLS BOT-313 thermostat requires minimal maintenance. Keep the device clean by wiping it with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as these can damage the display or casing.

6. TROUBLESHOOTING

- **Incorrect Room Temperature Display:** If the displayed room temperature does not match your actual room

temperature, adjust the 'ADJ' setting in the advanced settings menu of the thermostat or app to calibrate it.

- **Wi-Fi Connection Issues:**
 - a. Ensure your phone is connected to a 2.4GHz Wi-Fi network.
 - b. Verify the Wi-Fi network name and password entered in the BeokHome app are correct.
 - c. Set 'FAC' to 10 or 32 in the thermostat's advanced settings.
 - d. Update the BeokHome app to the latest version.
- **Heating Starts/Stops at Unexpected Temperatures:** If heating starts at 18.5°C when set to 20°C, adjust the 'DFI' (differential) setting in the advanced settings to 0.5°C. This means heating will start at 19.5°C and stop at 20.5°C.
- **Programming Not Working:** Ensure that all time periods (e.g., Period 6) in your schedule are set in chronological order between 0:00 and 23:59.
- **Thermostat and Boiler Working in Reverse:** If the gas boiler operates inversely with the thermostat, adjust the 'OPT' value in the advanced settings from 00 to 01.

7. SPECIFICATIONS

Product Dimensions	8.6 x 8.6 x 4 cm
Weight	240 g
Power Source	AC 220V 3A
Temperature Control Type	Heating
Temperature Range	5°C to 35°C
Temperature Accuracy	0.5°C
Connectivity	Wi-Fi (2.4GHz)
Controller Type	Voice Control, App Control, Manual
Special Features	Programmable (5+1+1), Child Lock, Frost Protection, Power-off Memory, Temperature Calibration
Certifications	CE, RoHS

8. WARRANTY AND SUPPORT

Specific warranty information is not provided in the product details. Please refer to the product packaging or contact BEOK CONTROLS directly for warranty terms and conditions.

For further assistance or technical support, you may scan the QR code provided in the physical manual for access to multi-language versions of the manual or visit the official BEOK CONTROLS website.

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Name

Anonymous

Email

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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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