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AVATTO WT410-BH-3A-B

AVATTO WT410-BH-3A-B Smart Thermostat User Manual

Model: WT410-BH-3A-B

1. INTRODUCTION

Thank you for choosing the AVATTO WT410-BH-3A-B Smart Thermostat. This manual provides comprehensive instructions for the installation, operation, and maintenance of your new smart thermostat. Please read this manual carefully before installation and use to ensure proper functionality and safety. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The AVATTO WT410-BH-3A-B is a smart Wi-Fi enabled thermostat designed for controlling gas boilers with a maximum load of 3A. It allows you to manage your home's heating system remotely via a mobile application, integrate with popular voice assistants, and program heating schedules for optimal comfort and energy efficiency. The thermostat features a clear HD LED display for easy temperature monitoring and control.



This image displays the front view of the AVATTO WT410-BH-3A-B Smart Thermostat. It features a large, clear LED display showing '28.9' degrees Celsius. Above the temperature, several small icons are visible, including Wi-Fi signal, a clock, a hand, a padlock (likely for child lock), a magnifying glass, and a document icon. Below the temperature, there are three wavy lines indicating heating. At the bottom, from left to right, are icons for power, a grid (menu), a down arrow, and an up arrow, representing the control buttons.

3. KEY FEATURES

- **Wi-Fi Connectivity:** Remote control via smartphone application.
- **Voice Assistant Compatibility:** Works with popular voice control platforms.
- **Advanced Scheduling:** Weekly programming with different settings for weekdays and weekends (6 periods on weekdays, 2 on weekends).
- **Adjustable HD LED Display:** Customizable brightness, with an option to turn off lighting completely.
- **High Precision Control:** Temperature accuracy up to 0.5°C, displaying 0.1°C.
- **Hysteresis Function:** Adjustable temperature range from 0.5°C to 10°C.
- **Multiple Operating Modes:** Supports Manual, Schedule, Temporary Schedule, and Absence modes.
- **Child Lock Function:** Prevents accidental changes to settings.

4. PACKAGE CONTENTS

Upon opening the package, please verify that all items are present and in good condition:

- AVATTO WT410-BH-3A-B Smart Thermostat (1 unit)
- User Manual (this document)
- Mounting Screws (if applicable, typically included for wall mount)

5. SETUP AND INSTALLATION

Important: Installation should be performed by a qualified professional to ensure safety and compliance with local electrical codes. Disconnect power to the boiler before beginning installation.

1. **Power Disconnection:** Turn off the main power supply to your heating system at the circuit breaker.
2. **Mounting:** Mount the thermostat securely on a wall in a suitable location, away from direct sunlight, drafts, or heat sources that could affect temperature readings. Ensure proper wiring connections to your gas boiler according to the wiring diagram provided in the separate installation guide (if applicable) or by a professional electrician.
3. **Power Connection:** Connect the thermostat to the boiler's control wiring. This model is designed for 3A boiler systems.
4. **Power Restoration:** Once wiring is complete and secure, restore power to the heating system.
5. **App Download:** Download the compatible smart home application (e.g., Smart Life, Tuya Smart) from your device's app store.
6. **Device Pairing:** Follow the in-app instructions to add and pair your AVATTO WT410-BH-3A-B thermostat to your Wi-Fi network. This typically involves putting the thermostat into pairing mode (refer to the thermostat's display or a quick start guide for specific button presses).

6. OPERATING INSTRUCTIONS

6.1 Basic Operation

- **Power On/Off:** Press the **Power** button (circle with vertical line) to turn the thermostat on or off.
- **Temperature Adjustment:** Use the **Up** (^) and **Down** (v) arrow buttons to manually adjust the target temperature.
- **Mode Selection:** Press the **Menu** button (grid icon) to cycle through operating modes: Manual, Schedule, Temporary Schedule, and Absence.

6.2 Scheduling

The thermostat supports advanced weekly scheduling. You can set different temperatures for up to 6 time periods on weekdays and 2 time periods on weekends.

1. Enter Schedule mode using the **Menu** button.
2. Use the **Menu** button again to navigate through the different time periods (P1-P6 for weekdays, P1-P2 for weekends).
3. Use the **Up** (^) and **Down** (v) buttons to set the desired temperature and time for each period.
4. Confirm settings by waiting a few seconds or pressing a specific button if indicated on the display.

6.3 App Control

Once paired with the smart home application, you can control all thermostat functions remotely:

- Adjust temperature from anywhere.

- Set and modify heating schedules.
- Change operating modes.
- Monitor current room temperature.
- Access advanced settings like hysteresis and display brightness.

6.4 Display Brightness

The brightness of the HD LED display can be adjusted via the mobile application. There is also an option to completely turn off the display lighting, which can be useful during nighttime.

6.5 Child Lock

To prevent unauthorized changes, especially by children, activate the child lock function. This is typically done by pressing and holding a combination of buttons on the thermostat or through the mobile application. Look for the padlock icon on the display to confirm activation.

7. MAINTENANCE

The AVATTO WT410-BH-3A-B Smart Thermostat requires minimal maintenance.

- **Cleaning:** Wipe the thermostat's surface with a soft, dry cloth. Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the display or casing.
- **Battery Replacement:** If the thermostat is battery-powered (as indicated in specifications), replace batteries when the low battery indicator appears on the display. Use the recommended battery type.
- **Firmware Updates:** Periodically check the mobile application for available firmware updates to ensure optimal performance and access to new features.

8. TROUBLESHOOTING

If you encounter issues with your thermostat, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Thermostat not powering on	No power supply; incorrect wiring; dead batteries (if applicable)	Check circuit breaker; verify wiring connections; replace batteries.
Cannot connect to Wi-Fi	Incorrect Wi-Fi password; weak Wi-Fi signal; thermostat too far from router; router issues	Ensure correct password; move thermostat closer to router; restart router; check router settings (2.4GHz network required).
Temperature reading inaccurate	Thermostat exposed to direct sunlight, drafts, or heat sources	Relocate thermostat to a more suitable position; ensure no obstructions.
Boiler not responding	Incorrect wiring; boiler fault; thermostat not in heating mode	Verify wiring; check boiler status; ensure thermostat is set to a heating mode and target temperature is above current.
App control not working	No internet connection on phone or thermostat; app not updated	Check internet connection; ensure thermostat is connected to Wi-Fi; update app to latest version.

If the problem persists after trying these solutions, please contact customer support.

9. SPECIFICATIONS

Feature	Specification
Model Number	WT410-BH-3A-B
Brand	AVATTO
Colour	Black
Power Source	Battery Powered
Connectivity Technology	Wi-Fi
Controller Type	Push Button, Application
Temperature Control Type	Smart/Remote
Display Type	LED
Plug Profile	Wall Mount
Item Package Quantity	1
Accuracy	0.5°C
Hysteresis Range	0.5°C to 10°C

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official AVATTO website. If you require assistance with installation, troubleshooting, or have questions about product features, please contact AVATTO customer service.

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Related Documents - WT410-BH-3A-B

The image shows the front cover of the WT410 Smart Thermostat User Manual. The cover is white with a blue header containing the text 'Thermostat Benutzerhandbuch' and 'WT410-BH-3A-B'. Below the header is a small diagram of a central heating system with radiators and a pump. At the bottom, it says 'Dieser Thermostat ist für Wasser, Fußbodenheizungen, Gasheizung und Gasboiler geeignet (entgegengesetzte Modelle erfordern)'.	<p>WT410 Smart Thermostat Benutzerhandbuch: Installation, Bedienung und App-Einrichtung</p> <p>Umfassendes Benutzerhandbuch für den WT410 Smart Thermostat. Enthält Anleitungen zur Installation, elektrischen Spezifikationen, Bedienung, Zeitprogrammierung, erweiterten Optionen und WIFI-Einrichtung über die Tuya App.</p>
The image shows the front cover of the TGP53 WiFi Thermostat User Guide. The cover is white with a blue header containing the text 'TGP53 WiFi THERMOSTAT USER GUIDE'. Below the header is a small diagram of a central heating system with radiators and a pump. At the bottom, it says 'This manual is intended for use with the Tuya app to control the TGP53 WiFi Thermostat'.	<p>TGP53 WiFi Thermostat User Guide: Installation, Operation & App Connection</p> <p>Comprehensive user guide for the TGP53 WiFi Thermostat, covering installation, wiring, operation, advanced settings, and Wi-Fi connection via the Tuya app. Suitable for water heating, electric heating, and gas boilers.</p>

 <p>18 THERMOSTAT User Manual • Uživatelský návod • Bedienungsanleitung • Manuale dell'utente •</p>	<p><u>18 Thermostat User Manual</u> User manual for the 18 Thermostat, providing detailed instructions on installation, operation, and advanced settings. Includes product information, wiring diagrams, and troubleshooting tips.</p>
	<p><u>KETOTEK Smart Thermostat WiFi KTF0155C - Programmable Boiler Control</u> Discover the KETOTEK Smart Thermostat WiFi (KTF0155C, KTF0163C) for efficient boiler control. This 3A, 220V programmable thermostat features dry contact, Alexa compatibility, and smart app control via Tuya/Smart Life, offering comfort and energy savings.</p>
 <p>Smart Knob Thermostat Model Number : WT20R/ZWT20R</p>	<p><u>AVATTO Smart Knob Thermostat WT20R/ZWT20R User Manual and Specifications</u> Comprehensive guide for the AVATTO Smart Knob Thermostat (Model WT20R/ZWT20R), including specifications, wiring diagrams, installation instructions, operation details, advanced settings, and app connectivity.</p>
	<p><u>Beok TGR-85 WIFI Thermostat User Guide: Installation, Operation, and Features</u> Comprehensive user guide for the Beok TGR-85 WIFI Thermostat. Learn about installation, product features, operating instructions, programming, advanced settings, and Wi-Fi connection for optimal home heating control.</p>