Walfront WALFRONTjesazmch10-12

WALFRONT Smart Thermostat User Manual

Model: WALFRONTjesazmch10-12

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your WALFRONT Smart Thermostat. This programmable thermostat is designed for precise temperature control in home and office environments, featuring an LED display and weekly scheduling capabilities. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

- Always disconnect power to the heating system at the main circuit breaker before installing or servicing the thermostat.
- Installation should be performed by a qualified electrician or experienced technician.
- Ensure all wiring complies with local electrical codes.
- Do not expose the thermostat to water or excessive humidity.
- Do not attempt to disassemble or repair the thermostat yourself. Contact customer support for assistance.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x WALFRONT Smart Thermostat
- 2 x Mounting Screws
- 1 x User Manual (this document)

Image: The WALFRONT Smart Thermostat shown alongside its two mounting screws, indicating the complete package contents.

4. PRODUCT OVERVIEW

The WALFRONT Smart Thermostat features a clear LED multi-color screen and capacitive touch keys for easy interaction. It is designed for wall mounting and integrates seamlessly into standard electrical boxes.

Image: Front view of the WALFRONT Smart Thermostat, highlighting its LED display showing current temperature, set temperature, and time, along with touch controls.

4.1. Key Features

- **Smart Temperature Control:** Programmable with ±1°C accuracy and 6 daily time slots for customized heating schedules.
- **Energy Efficient Design:** LED display with multi-color screen reduces power consumption while maintaining clear visibility.
- **User-Friendly Interface:** Capacitive touch keys and intuitive weekly programming mode simplify temperature adjustments.
- **Reliable Performance:** Built-in sensor ensures stable operation within specified humidity and temperature ranges.

5. SETUP AND INSTALLATION

The thermostat is designed for easy installation into standard 86mm or 60mm European concealed boxes.

5.1. Wiring Diagram

Before proceeding, ensure the main power supply to your heating system is turned off. Refer to the wiring terminals on the back of the thermostat for correct connections.

Image: A close-up view of the wiring terminals located on the bottom rear of the thermostat, showing connection points for electrical wiring.

1. Turn off the power supply to the heating system at the circuit breaker.
2. Carefully remove the front panel of the thermostat to access the mounting holes and wiring terminals.
3. Connect the electrical wires from your heating system to the corresponding terminals on the thermostat. Ensure connections are secure.
4. Mount the thermostat base to the wall using the provided screws, ensuring it fits into an 86mm or 60mm European concealed box.
5. Reattach the front panel of the thermostat.
6. Restore power to the heating system at the circuit breaker.

6. OPERATING INSTRUCTIONS

The thermostat features intuitive touch controls for setting temperature, time, and programming schedules.

6.1. Basic Operation

- **Power On/Off:** Press the central circular button to turn the thermostat on or off.
- **Adjusting Temperature:** Use the up (∧) and down (∨) arrow buttons to increase or decrease the desired temperature.
- **Mode Selection:** The thermostat typically operates in heating mode, indicated by a flame icon.

Image: An angled view of the thermostat, clearly showing the capacitive touch buttons for power, mode, and temperature adjustment, along with the digital display.

6.2. Weekly Programming

The thermostat allows for weekly programming with 6 daily time periods to optimize energy consumption and comfort.

1. Press the "Program" button (often indicated by a clock or schedule icon) to enter programming mode.
2. Use the arrow buttons to navigate through days of the week and time periods.
3. Adjust the desired temperature for each time period using the up/down arrow buttons.
4. Confirm settings for each period and day.
5. Exit programming mode to save changes.

Refer to the on-screen prompts and icons for specific programming steps, as these may vary slightly.

7. MAINTENANCE

The WALFRONT Smart Thermostat requires minimal maintenance.

- **Cleaning:** Wipe the display and casing with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check for any loose connections or visible damage.
- **Software Updates:** If applicable, follow instructions for any available firmware updates to ensure optimal performance.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Thermostat not powering on.	No power supply; incorrect wiring.	Check circuit breaker. Verify wiring connections are secure and correct.
Heating system not responding.	Incorrect mode; wiring issue; system fault.	Ensure thermostat is in heating mode. Check wiring. Consult heating system manual.
Temperature reading inaccurate.	Sensor obstruction; thermostat placement.	Ensure no objects are blocking the thermostat's sensor. Relocate if exposed to drafts or direct sunlight.
Programming not saving.	Incorrect save procedure.	Follow the programming instructions carefully, ensuring all changes are confirmed and saved before exiting.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact customer support.

9. SPECIFICATIONS

Feature	Specification
Model Number	WALFRONTjesazmch10-12
Voltage Range	AC95-240V
Current	5A
Sensor Type	NTC, 10K

Feature	Specification
Temperature Deviation	±1℃
Temperature Control Range	5-35℃ (41-95°F)
Room Temperature Range	5-99℃ (41-210°F)
Displayed Temperature Range	5-99℃ (41-210°F)
Normal Operating Environment Temperature	0-45℃ (32-113°F)
Normal Operating Environment Humidity	5-95% RH (Non Condensing)
Storage Temperature	-10-45℃ (14-113°F)
Protection Level	IP20
Key Type	Capacitive Touch Key
Screen Type	LED Multi Color Screen
Installation	Embedded Box (86x86mm or Standard European Concealed Box)
Item Weight	7.2 ounces (Approx. 200g)
Package Dimensions	3.94 x 3.94 x 2.36 inches

10. WARRANTY AND SUPPORT

10.1. Warranty Information

The WALFRONT Smart Thermostat comes with a standard manufacturer's warranty. Please refer to the warranty card included with your product or contact Walfront customer service for specific details regarding warranty coverage and duration.

10.2. Customer Support

For technical assistance, troubleshooting, or inquiries about your product, please contact Walfront customer support. Contact information can typically be found on the product packaging or the official Walfront website.