Caleffi 738407

Caleffi 738407 Digital Battery-Powered Room Thermostat User Manual

Product Overview

The Caleffi 738407 is a digital room thermostat designed for precise temperature control in your environment. It operates on battery power, offering flexibility in installation. Key features include a luminous display for clear visibility, intuitive menu navigation, and weekly programming capabilities. It supports an input for a telephone programmer and allows for three distinct temperature levels, plus an antifreeze setting. Programming can be set in minimum 30-minute intervals. The thermostat functions in ON/OFF mode with an adjustable differential from 0.2 to 2°C, or in proportional mode. A convenient SUMMER - WINTER switch is included. Temperature adjustments are possible in 0.1°C increments. It features a relay output with a changeover contact: 5 (3) A / 250 V, and boasts a protection degree of IP 30.



Image of the Caleffi 738407 digital room thermostat, showing its luminous display and compact design.

Setup

Battery Installation

The Caleffi 738407 thermostat is powered by batteries. Locate the battery compartment, typically on the rear or side of the unit. Insert the required batteries, ensuring correct polarity as indicated within the compartment. Close the compartment securely.

Mounting

Choose an appropriate location for mounting the thermostat, away from direct sunlight, drafts, or heat sources that could affect temperature readings. Ensure the mounting surface is flat and stable. Use the provided mounting hardware to securely attach the thermostat to the wall at an optimal height for accurate room temperature sensing.

Initial Configuration

Upon battery installation, the thermostat's luminous display will activate. Navigate through the initial setup menu using the controls to set the current time, date, and any other basic parameters. Refer to the display for on-screen prompts to complete the initial configuration.

Operating Instructions

Display and Menu Navigation

The thermostat features a luminous display for clear information viewing. Use the navigation buttons (e.g., arrow keys, 'OK' button) to move through the menu options. The display will show current temperature, set temperature, operating mode, and programming schedule.

Programming

- **Weekly Programming:** Access the programming menu to set a customized temperature schedule for each day of the week.
- **Temperature Levels:** The thermostat supports three distinct temperature levels (e.g., Comfort, Economy, Night) plus an antifreeze setting. Configure these levels according to your preferences.
- **Minimum Programming Interval:** Schedules can be set with a minimum interval of 30 minutes, allowing for precise control over heating periods.

Operating Modes

- **ON/OFF Operation:** In this mode, the thermostat switches the heating system on or off based on the set temperature and an adjustable differential. The differential can be set from 0.2 to 2°C.
- **Proportional Operation:** This mode provides more gradual control over the heating system, adjusting output proportionally to the difference between the actual and set temperatures.
- **SUMMER - WINTER Switch:** Use this switch to select between heating (WINTER) and cooling (SUMMER) modes, if your system supports both.
- **Temperature Adjustment:** Temperatures can be precisely adjusted in 0.1°C increments.

Maintenance

Battery Replacement

When the battery low indicator appears on the display, replace the batteries promptly to ensure continuous operation. Follow the battery installation steps outlined in the Setup section.

Cleaning

To clean the thermostat, gently wipe the exterior with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the unit or its display.

Troubleshooting

- **Display is blank:** Check if the batteries are correctly installed and have sufficient charge. Replace batteries if necessary.
- **Heating/Cooling not activating:** Verify that the thermostat is in the correct operating mode (SUMMER/WINTER) and that the set temperature is appropriate. Check the programming schedule for active periods. Ensure the heating/cooling system itself is operational.
- **Inaccurate temperature readings:** Ensure the thermostat is not exposed to direct sunlight, drafts, or heat sources. Recalibrate if a calibration option is available in the menu.
- **Programming issues:** Review the weekly programming settings carefully. Ensure time and date are correctly set.

If problems persist after attempting these solutions, consult a qualified technician or contact Caleffi customer support.

Technical Specifications

Brand	Caleffi
Model Number	738407
Power Source	Battery
Voltage	250 Volt
Backlight	Yes
Relay Output	5 (3) A / 250 V
Protection Degree	IP 30

Warranty and Support

For information regarding the product warranty, please refer to the documentation provided with your purchase or visit the official Caleffi website. For technical support, spare parts, or service inquiries, please contact Caleffi customer service directly. Contact details can typically be found on the manufacturer's website or in the product packaging.