

COMPUTHERM Q3

COMPUTHERM Q3 Thermostat Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your COMPUTHERM Q3 digital room thermostat. The Q3 thermostat is designed to regulate the temperature in your home or office, offering precise control for heating and cooling systems. It features a clear digital display and user-friendly controls for optimal comfort and energy efficiency.

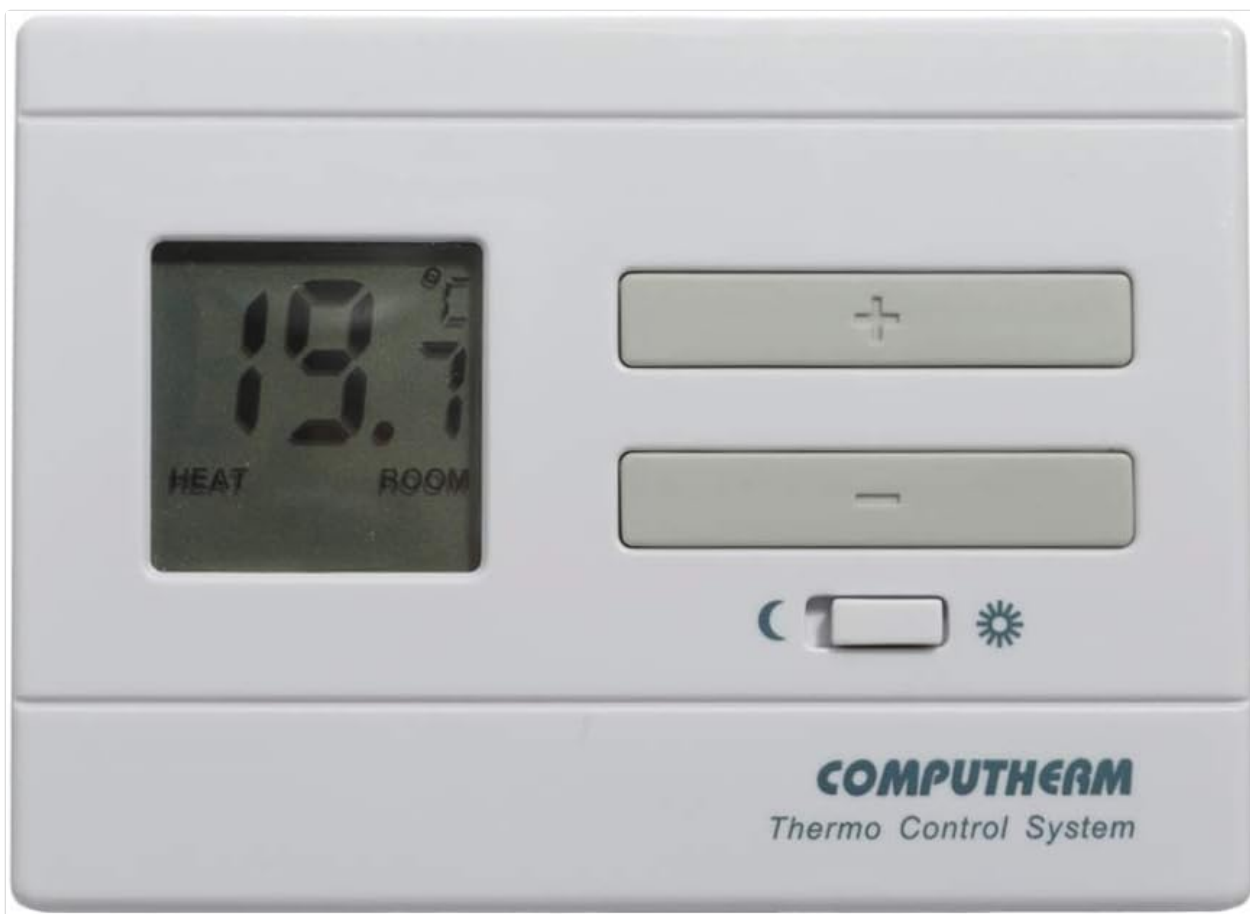


Image 1.1: Front view of the COMPUTHERM Q3 Thermostat, showing the digital display and control buttons.

2. SETUP AND INSTALLATION

2.1 Mounting the Thermostat

The COMPUTHERM Q3 thermostat is designed for simple wall mounting. Choose an indoor location away from direct sunlight, drafts, or heat sources that could affect temperature readings. Ensure the chosen location allows for easy access to the controls and clear visibility of the display.

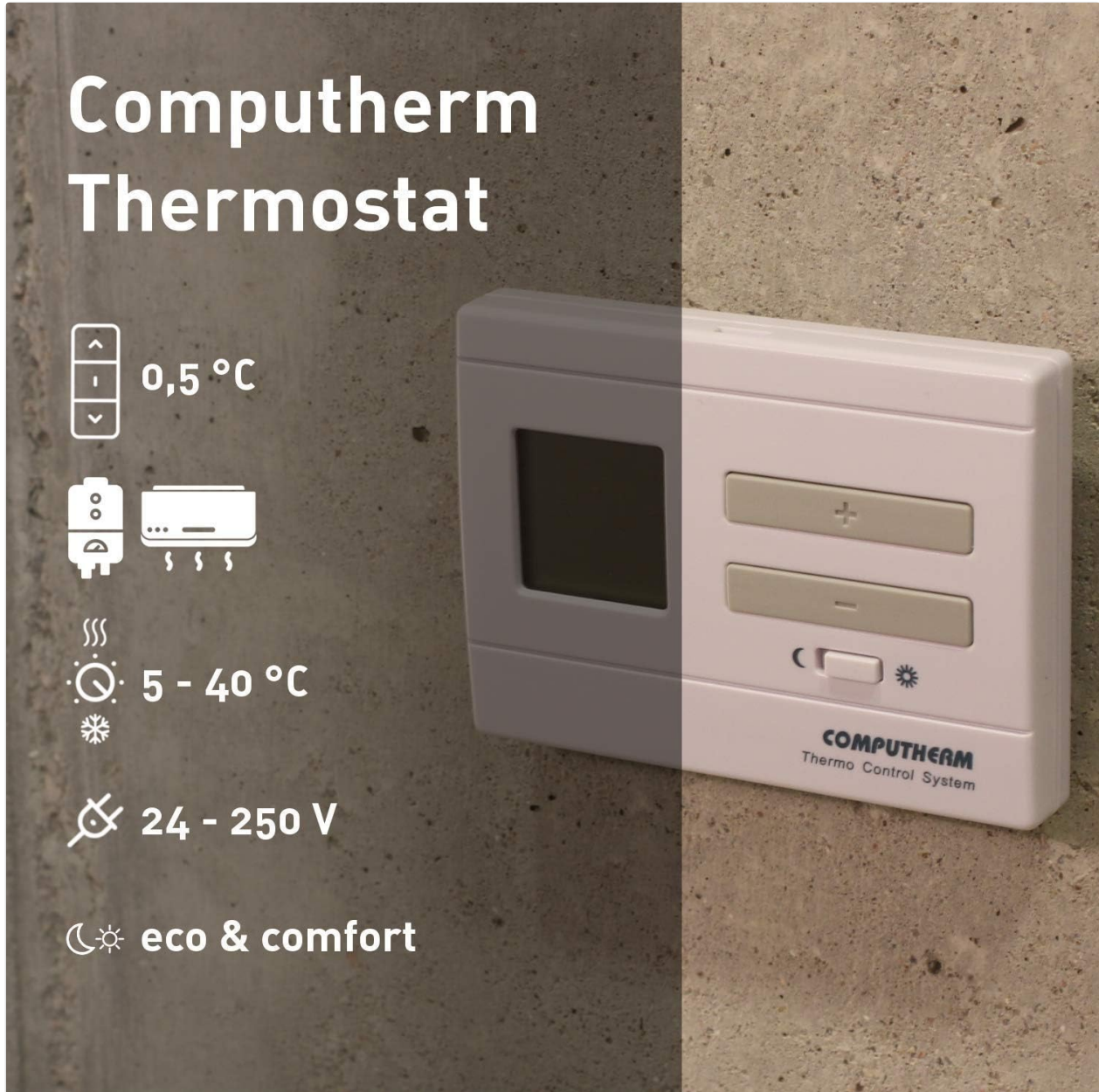


Image 2.1: The COMPUTHERM Q3 Thermostat mounted on a wall, illustrating its compact design and integration into a living space.

2.2 Wiring Instructions

This thermostat uses wired connectivity and can be integrated with any boiler that has a secondary temperature connector. It operates on 250 Volts and has a maximum switching voltage of 1760W. For safety and proper function, wiring should be performed by a qualified professional.

- Ensure the main power supply to the heating/cooling system is turned off before beginning any wiring.
- Connect the thermostat to the appropriate terminals on your boiler or HVAC system as per the system's specific wiring diagram.

- The thermostat requires a wired connection for control signals.

2.3 Power Supply

The COMPUTHERM Q3 thermostat is powered by 2 AA batteries. Ensure fresh batteries are installed correctly according to the polarity markings inside the battery compartment.



Image 2.2: Side profile of the COMPUTHERM Q3 Thermostat, showing its slim design and ventilation slots.

3. OPERATING INSTRUCTIONS

3.1 Display Information

The digital display provides real-time information about the room temperature and set temperature, along with operational indicators.

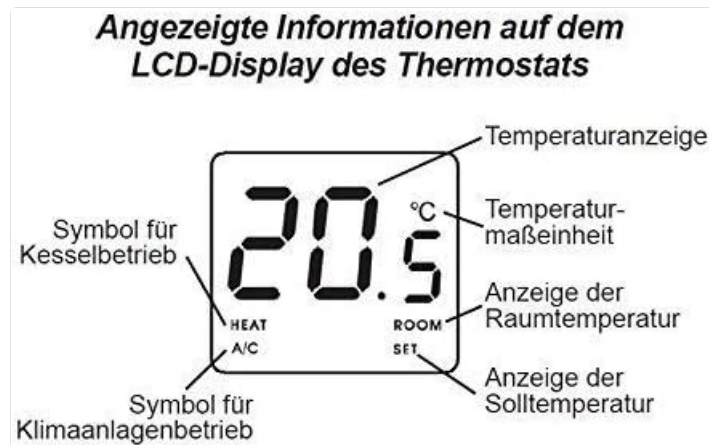


Image 3.1: Detailed view of the LCD display on the COMPUTHERM Q3 Thermostat, showing the current temperature, temperature unit (°C), and indicators for heating (HEAT) or air conditioning (A/C) operation, as well as room temperature (ROOM) and set temperature (SET).

- **Temperature Display:** Shows the current room temperature.
- **Temperature Unit:** Indicates degrees Celsius (°C).
- **HEAT/A/C Symbol:** Indicates if the system is currently heating or cooling.
- **ROOM/SET:** Indicates whether the displayed temperature is the current room temperature or the user-set target temperature.

3.2 Adjusting Temperature

You can set your desired temperature between 5°C and 40°C in 0.5°C increments using the '+' and '-' buttons on the thermostat. The digital screen provides a precise temperature display.

3.3 Operating Modes (Economy/Comfort)

A selection slider on the control unit allows you to switch between two predefined temperature regimes: economy and comfort. This feature enables quick adjustment to suit your immediate needs without manually resetting the temperature.

- **Economy Mode:** Typically sets a lower temperature for heating or a higher temperature for cooling to conserve energy.
- **Comfort Mode:** Sets a more comfortable temperature, usually higher for heating or lower for cooling.

3.4 Heating and Cooling Functionality

The COMPUTHERM Q3 thermostat supports both heating and cooling operations, ensuring a stable indoor temperature with a sensitivity of ± 0.1 or 0.2 degrees Celsius.

4. MAINTENANCE

4.1 Cleaning

To maintain the thermostat's appearance and functionality, wipe the exterior with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the unit.

4.2 Battery Replacement

When the battery indicator appears on the display, replace the 2 AA batteries promptly to ensure continuous operation. Open the battery compartment, remove the old batteries, and insert new ones, observing correct polarity. Dispose of used batteries responsibly.

5. TROUBLESHOOTING

If you encounter issues with your COMPUTHERM Q3 thermostat, please refer to the following common troubleshooting steps:

- **No Display:** Check if the 2 AA batteries are correctly installed and have sufficient charge. Replace them if necessary.
- **Incorrect Temperature Reading:** Ensure the thermostat is not exposed to direct sunlight, drafts, or heat sources. Allow time for the thermostat to stabilize after installation.
- **System Not Responding:** Verify that the thermostat is correctly wired to your heating/cooling system. Check the power supply to your boiler or HVAC unit.
- **Temperature Fluctuation:** The thermostat has a high sensitivity. Ensure doors and windows are closed to maintain stable room conditions.

If problems persist after attempting these steps, please contact COMPUTHERM customer support or a qualified technician.

6. SPECIFICATIONS

Feature	Specification
Brand	COMPUTHERM
Model Number	Q3
Color	White
Dimensions (L x W x H)	11 x 8 x 2.3 cm
Weight	150 grams
Power	1760 Watts (Max Switching)
Voltage	250 Volts
Material	Plastic
Special Feature	Dimmable (display)
Connectivity Technology	Wired
Temperature Control Type	Cooling, Heated
Power Source	Battery Powered (2 AA batteries required)

Feature	Specification
Adjustable Temperature Range	5°C to 40°C (in 0.5°C increments)
Temperature Sensitivity	±0.1 or 0.2°C

7. WARRANTY AND SUPPORT





7.1 Manufacturer's Warranty



The COMPUTHERM Q3 Thermostat comes with a 2-year manufacturer's warranty. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.

7.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact COMPUTHERM customer support. Refer to the product packaging or the official COMPUTHERM website for contact details.

Related Documents - Q3

 <p>COMPUTHERM Q7RF Programmable wireless radio-frequency digital room thermostat</p> <p>Operating Instructions</p>	COMPUTHERM Q7RF Programmable Wireless Digital Room Thermostat Operating Instructions Comprehensive operating instructions for the COMPUTHERM Q7RF programmable wireless digital room thermostat. Learn about installation, programming, features, and technical specifications for efficient home climate control.
 <p>COMPUTHERM Q20RF Programmable wireless (radio-frequency) digital room thermostat</p> <p>Operating Instructions</p>	COMPUTHERM Q20RF Programmable Wireless Digital Room Thermostat Operating Instructions Comprehensive operating instructions for the COMPUTHERM Q20RF programmable wireless digital room thermostat, detailing installation, setup, features, and technical specifications for efficient climate control.
 <p>COMPUTHERM E280 a programmable digital Wi-Fi thermostat for radiator and underfloor heating systems</p> <p>Instruction Manual</p>	COMPUTHERM E280 Wi-Fi Thermostat Instruction Manual User manual for the COMPUTHERM E280 programmable digital Wi-Fi thermostat. Covers installation, setup, features, and operation for heating and cooling systems.
 <p>COMPUTHERM Q20 Programmable, digital room thermostat</p> <p>Operating Instructions</p>	COMPUTHERM Q20 Programmable Digital Room Thermostat Operating Instructions Comprehensive operating instructions for the COMPUTHERM Q20 programmable digital room thermostat, covering installation, setup, features, and technical specifications for optimal home climate control and energy efficiency.

<div data-bbox="172 107 255 232"><p>DS5</p><p>FORMER OF COMPUTHERM DS5 TYPE DIRT SEPARATORS</p><p>MODEL DS5-20, DS5-20B, DS5-25, DS5-25B</p></div>	<p>FGK C7RF Digital Radio Thermostat Manual - Installation, Programming, and Operation Guide</p> <p>This manual provides detailed instructions for the FGK C7RF digital radio thermostat, covering installation, programming weekly schedules, manual operation modes, battery replacement, receiver setup, and technical specifications for efficient home climate control.</p>
<div data-bbox="150 421 280 461"><p>Operating instructions for the COMPUTHERM DS5 type dirt separators</p></div> <div data-bbox="150 483 280 573"><p>DS5-20 (1) DS5-20 DS5-20B (1) DS5-20B</p></div> <div data-bbox="130 595 296 663"><p>Contaminants are always present in heating and cooling systems. They can obstruct and damage and can reduce efficiency, reduce performance, deteriorate the heat exchanger and can be detrimental to the system. The COMPUTHERM DS5-20, DS5-20B, DS5-25 and DS5-25B separators are designed to remove dirt and debris from the system. The separators remove both magnetic and non-magnetic dirt from the heating/cooling systems, allowing the proper operation of the system and increasing its lifespan.</p><p>The products are easy to install and maintain. No need to replace water or other parts during maintenance and repairs. The magnetic dirt separators are much more efficient than conventional filters and require less maintenance.</p></div>	<p>COMPUTHERM DS5 Magnetic Dirt Separator Operating Instructions and Technical Data</p> <p>Detailed operating instructions, installation guide, and technical specifications for the COMPUTHERM DS5 series magnetic dirt separators (DS5-20, DS5-20B, DS5-25, DS5-25B) by QUANTRAX Ltd.</p>