COMPUTHERM Q7RF

COMPUTHERM Q7RF Wireless Programmable Digital Thermostat User Manual

Model: Q7RF

1. Introduction

The COMPUTHERM Q7RF is a wireless programmable digital thermostat designed to provide precise and efficient control over your heating and cooling systems. This manual provides essential information for the proper installation, operation, and maintenance of your thermostat, ensuring optimal comfort and energy savings.

2. Package Contents

Please verify that all components are present in your package:

- 1 x COMPUTHERM Q7RF Wireless Programmable Digital Thermostat (Mobile Control Unit)
- 1 x COMPUTHERM Q7RF Wireless Receiver (RF Unit)
- 1 x User Manual
- Mounting accessories (screws, wall plugs)
- Batteries (2 AA, may be included or sold separately)



This image displays the COMPUTHERM Q7RF wireless thermostat unit on the left, featuring a digital display and control buttons, and the wireless receiver unit on the right. A wireless signal icon indicates their connectivity.

3. Setup and Installation

3.1. Thermostat Placement

Place the mobile thermostat unit in a central location within the heated/cooled area, away from direct sunlight, drafts, or heat sources that could affect temperature readings. Ensure it is easily accessible for programming.

3.2. Receiver Installation

The receiver unit should be installed near your heating/cooling appliance (e.g., boiler, air conditioner) by a qualified electrician. Ensure it is within the wireless range of the thermostat unit.



The COMPUTHERM Q7RF receiver unit is shown, highlighting its power compatibility (24-250V), wireless connectivity, and suitability for controlling boilers and air conditioning systems.

3.3. Powering the Thermostat

Insert 2 AA batteries into the mobile thermostat unit. The display should illuminate, indicating it is powered on.

3.4. Pairing (Initial Connection)

Follow the specific pairing instructions provided in the detailed manual for your model to establish a wireless connection between the thermostat and the receiver. This typically involves pressing a button on both units within a short timeframe.

4. Operating Instructions

The COMPUTHERM Q7RF thermostat offers flexible programming and precise temperature control.



A detailed view of the COMPUTHERM Q7RF thermostat's digital display, showing the current time, program number, set temperature, and actual room temperature. The display is backlit for clear visibility.

4.1. Setting Current Time and Date

Access the settings menu to set the correct time and date. This is crucial for the programmable schedules to function accurately.

4.2. Programming Schedules

The thermostat allows for 6 independent switching times per day for each day of the week. This enables a personalized and automatic temperature adjustment based on your daily routine. Refer to the detailed manual for step-by-step programming instructions.

4.3. Adjusting Desired Temperature

You can easily set the desired temperature between 5°C and 40°C in 0.5°C increments using the up/down buttons. The blue backlit digital display reliably shows both the desired and current room temperatures.

4.4. Holiday Program

Utilize the holiday program feature to set a specific temperature for an extended period, ideal for when you are away from home, helping to save energy.

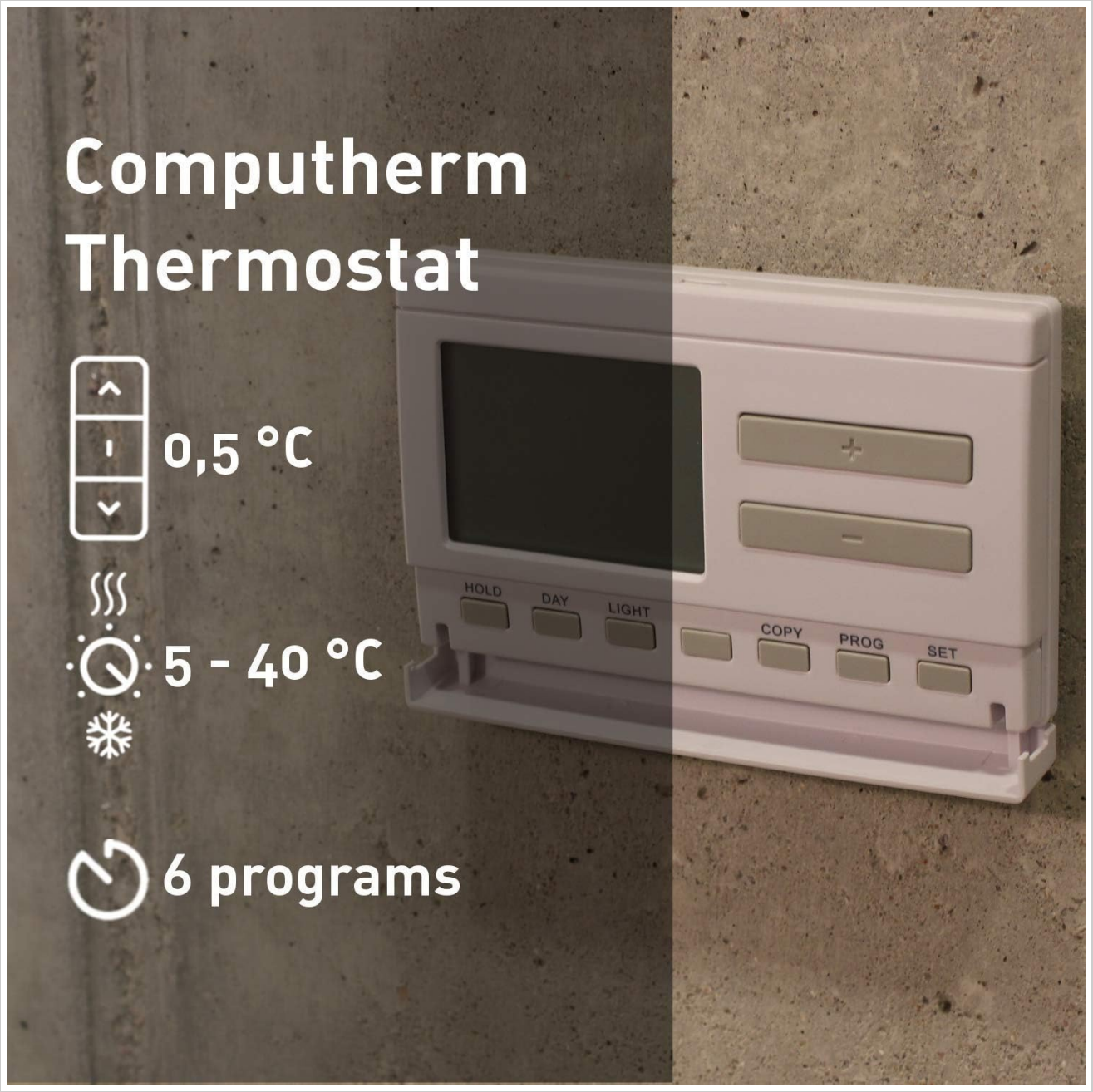
4.5. Pump Protection Function

The thermostat includes a pump protection function, which activates the pump for a short period during the non-heating season to prevent seizing.

5. Features

The COMPUTHERM Q7RF thermostat is equipped with several features to enhance your comfort and energy efficiency:

- **Wireless Connectivity:** Allows flexible placement of the thermostat unit.
- **Programmable Schedules:** 6 independent time periods per day for customized heating/cooling.
- **Wide Temperature Range:** Adjustable from 5°C to 40°C.
- **Precise Temperature Control:** Switching sensitivity of ±0.3, ±0.2, or ±0.1 degrees for consistent room temperature.
- **Blue Backlit Digital Display:** Clear display of current temperature, set temperature, time, and date.
- **Heating and Cooling Modes:** Suitable for both heating and air conditioning systems.
- **Mobile Control Unit:** The thermostat can be moved between rooms, allowing temperature adjustment from your current location.



A close-up of the COMPUTHERM Q7RF thermostat, illustrating its key features: temperature adjustment in 0.5°C increments, heating/cooling modes, a temperature range of 5-40°C, and support for 6 programmable schedules.

6. Maintenance

6.1. Cleaning

Wipe the thermostat and receiver units with a soft, dry cloth. Do not use abrasive cleaners or solvents.

6.2. Battery Replacement

When the battery indicator appears on the display, replace the 2 AA batteries in the mobile thermostat unit. Ensure correct polarity.

7. Troubleshooting

If you encounter issues with your COMPUTHERM Q7RF thermostat, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Display is blank	Dead batteries	Replace the 2 AA batteries in the thermostat unit.
No heating/cooling	No wireless connection	Ensure thermostat and receiver are paired. Check receiver power.
Incorrect temperature reading	Thermostat placed in unsuitable location	Relocate thermostat away from direct heat sources, drafts, or sunlight.
Programmed schedule not working	Incorrect time/date or program settings	Verify time and date settings. Recheck programmed schedules.

8. Specifications

Technical specifications for the COMPUTHERM Q7RF Wireless Programmable Digital Thermostat:

Feature	Specification
Model Number	Q7RF
Brand	COMPUTHERM
Color	White
Material	Plastic
Thermostat Dimensions (L x W x H)	2.2 x 11 x 8 cm (approx. 0.87 x 4.33 x 3.15 inches)
Item Weight	305 grams (approx. 0.67 lbs)
Power Source (Thermostat)	2 AA Batteries
Receiver Voltage	24 - 250 Volts
Connectivity Technology	RF (Radio Frequency)
Temperature Control Type	Heating and Cooling

Feature	Specification
Temperature Range	5°C to 40°C
Switching Sensitivity	±0.3 / ±0.2 / ±0.1 degrees
Expected Lifetime	Min. 8 years
Storage Temperature	-10°C to +40°C



The back of the COMPUTHERM Q7RF thermostat, revealing the battery compartment, mounting points, and product information label including storage temperature, expected lifetime, and country of origin.

9. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your product or visit the official COMPUTHERM website. Contact details for customer service are typically found on the product packaging or the manufacturer's website.
Manufacturer: Computherm
Country of Origin: China



Product packaging displaying the website address 'www.calorsol.de' for more information, alongside flags representing various European countries.

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Example: How do I reset this device or fix this error?

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