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› Eurotronic 700227 Comet Zigbee Electronic Radiator Thermostat User Manual

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Model: 700227

1. INTRODUCTION

The Eurotronic 700227 Comet Zigbee Electronic Radiator Thermostat is designed to provide efficient and intelligent control over your heating system. This device allows for precise temperature regulation in individual rooms, contributing to energy savings and enhanced comfort. It integrates with Zigbee-compatible smart home systems, offering remote control and automation capabilities. This manual provides essential information for the proper installation, operation, and maintenance of your Eurotronic Comet Zigbee thermostat. Please read it thoroughly before use.

2. SAFETY INFORMATION

- Do not open the device. Opening the device will void the warranty.
- Keep the device away from moisture, dust, and direct sunlight.
- Use only the specified battery type (2x AA). Ensure correct polarity when inserting batteries.
- This device is intended for indoor use only.
- Do not expose the device to extreme temperatures or strong vibrations.
- Keep packaging materials away from children.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Eurotronic Comet Zigbee Electronic Radiator Thermostat
- Installation hardware (adapters for various valve types)
- 2x AA Batteries
- Quick Start Guide (if included, not explicitly mentioned but common)

4. SETUP

4.1. Inserting Batteries

1. Remove the battery compartment cover on the back of the thermostat.
2. Insert the two AA batteries, ensuring correct polarity (+/-).
3. Replace the battery compartment cover. The display should activate.

4.2. Mounting the Thermostat

The Eurotronic Comet Zigbee thermostat is designed for easy installation on most standard radiator valves.

1. Remove your existing thermostat head from the radiator valve. This usually involves unscrewing a ring nut or pressing a clip.
2. If necessary, use one of the provided adapters to ensure a secure fit on your radiator valve.
3. Screw the Comet Zigbee thermostat onto the valve. Hand-tighten until it is firm. Do not overtighten.



Figure 1: The Eurotronic Comet Zigbee thermostat securely mounted on a radiator valve.

4.3. Pairing with a Zigbee Gateway

To utilize the smart features of your thermostat, it must be paired with a compatible Zigbee gateway (hub).

1. Put your Zigbee gateway into pairing mode. Refer to your gateway's instruction manual for specific steps.
2. On the Comet Zigbee thermostat, press and hold the middle button (usually indicated by "...") for approximately 3 seconds until the display shows a pairing symbol or "PAIR".

3. The thermostat will search for the gateway. Once successfully paired, the display will confirm the connection (e.g., by showing the current temperature or a network symbol).
4. If pairing fails, ensure the thermostat is within range of the gateway and repeat the process.





Figure 2: Front view of the thermostat with its display and control buttons. The middle button is used for pairing.

5. OPERATING THE THERMOSTAT

5.1. Manual Temperature Adjustment

You can manually adjust the desired temperature directly on the device:

- Use the **Up (▲)** and **Down (▼)** buttons to increase or decrease the target temperature.
- The new temperature will be displayed and then the device will return to showing the current temperature or valve position.



Figure 3: Side view showing the Up and Down buttons for manual temperature control.

5.2. Smart Home Integration (Zigbee)

Once paired with your Zigbee gateway, you can control the thermostat through your smart home application. This typically includes:

- Remote temperature adjustment.
- Setting heating schedules and programs.
- Monitoring current room temperature.
- Implementing energy-saving features like open window detection (if supported by your gateway/system).

Refer to your Zigbee gateway's documentation for detailed instructions on controlling connected devices.

6. MAINTENANCE

6.1. Battery Replacement

When the batteries are low, a battery symbol will appear on the display. Replace the batteries as soon as possible to ensure continuous operation.

1. Remove the battery compartment cover.
2. Remove the old batteries and dispose of them according to local regulations.
3. Insert two new AA batteries, observing correct polarity.
4. Replace the battery compartment cover.

6.2. Cleaning

Clean the thermostat with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these can damage the device.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Batteries are not inserted correctly or are depleted.	Check battery polarity. Replace batteries if necessary.
Cannot pair with Zigbee gateway.	Gateway not in pairing mode; thermostat out of range; interference.	Ensure gateway is in pairing mode. Move thermostat closer to gateway. Check for other Zigbee devices causing interference. Reset thermostat and try again.
Thermostat not controlling heating effectively.	Incorrect mounting; valve stuck; air in radiator.	Ensure thermostat is securely mounted. Check if the radiator valve pin moves freely. Bleed the radiator if it's not heating evenly.
Display shows error code or unexpected behavior.	Temporary malfunction; software issue.	Remove and reinsert batteries to perform a soft reset. If the problem persists, contact customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	Eurotronic
Model Number	700227
Connectivity Technology	Zigbee
Power Source	Battery Powered (2x AA, included)
Product Dimensions	6.2D x 6.8W x 8.2H cm (approx. 162 g)
Special Feature	Energy-saving controller
Control Type	Button, Manual Temperature Control
Included Components	Installation hardware
Noise Level	1 Decibel

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Eurotronic website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

Manufacturer: Eurotronic

Brand: ET - EUROTRONIC Technology GmbH

