

## Fränkische RD 20203-10-656-01

# Fränkische Profitherm Wired Digital Room Thermostat RD 20203-10-656-01 User Manual

Model: RD 20203-10-656-01

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Fränkische Profitherm Wired Digital Room Thermostat, Model RD 20203-10-656-01. This thermostat is designed for controlling standard underfloor heating systems. Please read this manual thoroughly before installation and use to ensure proper function and safety.

## 2. PRODUCT OVERVIEW

The Fränkische Profitherm Thermostat features a digital LCD display for clear temperature readings and a soft-stage rotary knob for setting the desired room temperature. Its design is language-independent for ease of use. It is compatible with other Fränkische heating products.

### 2.1 Components Included

- Thermostat Unit
- Mounting brackets
- Backplate
- Cables (for wiring)

### 2.2 Product Diagram



**Figure 1:** Front view of the Fränkische Wired Digital Room Thermostat. It features a rectangular LCD display at the top and a circular rotary knob below it. The brand name 'FRÄNKISCHE' is visible on the right side of the thermostat.

### 3. SAFETY INFORMATION

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**WARNING: Electrical shock hazard.**

- Installation must be performed by a qualified electrician in accordance with all local and national electrical codes.
- Always disconnect power to the heating system at the main circuit breaker before installing, servicing, or removing the thermostat.
- Do not operate the thermostat with wet hands.
- Ensure all wiring connections are secure and properly insulated.

### 4. INSTALLATION AND SETUP

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The Fränkische Profitherm Thermostat is designed for wired installation to control underfloor heating systems. Professional installation is highly recommended.

#### 4.1 Mounting the Thermostat

1. Ensure power to the heating system is OFF at the main circuit breaker.
2. Attach the backplate to a standard electrical wall box using the provided mounting brackets and screws.
3. Connect the electrical wiring to the thermostat terminals as per the wiring diagram (refer to the diagram provided with the product packaging, not included in this manual).
4. Carefully attach the thermostat unit to the backplate, ensuring all wires are tucked neatly into the wall box.
5. Secure the thermostat to the backplate.

## 4.2 Initial Power-Up

Once installation is complete, restore power to the heating system at the main circuit breaker. The thermostat's LCD display should illuminate, indicating it is powered on.

## 5. OPERATION

The thermostat's operation is straightforward, utilizing a rotary knob for temperature adjustment and a digital LCD for display.

### 5.1 Setting the Temperature

- **Turn:** Rotate the soft-stage rotary knob clockwise to increase the desired temperature or counter-clockwise to decrease it. The selected temperature will be shown on the LCD display.
- **Press:** Press the rotary knob to confirm the temperature setting or to activate/deactivate certain modes if available (refer to specific product features for advanced modes).

### 5.2 Display Information

The digital LCD display shows the current room temperature and the set temperature. The thermostat also features a backlight for improved visibility in low-light conditions.

## 6. MAINTENANCE

The Fränkische Profitherm Thermostat requires minimal maintenance.

- **Cleaning:** Gently wipe the thermostat's surface and display with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the unit.
- **Inspection:** Periodically check for any visible damage or loose connections. If any issues are found, disconnect power and consult a qualified technician.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Display is blank	No power to the thermostat.	Check the main circuit breaker and ensure power is restored. Verify wiring connections.
Heating not turning on/off	Incorrect temperature setting, wiring issue, or heating system fault.	Ensure the set temperature is above the current room temperature for heating. Check wiring. Consult a heating technician if the issue persists.
Inaccurate temperature reading	Thermostat location, sensor issue.	Ensure the thermostat is not exposed to direct sunlight, drafts, or heat sources. If the problem continues, contact support.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact Fränkische customer support or a qualified technician.

## 8. SPECIFICATIONS

- **Brand:** Fränkische
- **Model Number:** RD 20203-10-656-01
- **Model Name:** Profitherm Room Thermostat Standart 230V Display
- **Colour:** White
- **Product Dimensions:** 8.99 x 4.52 x 8.99 cm
- **Item Weight:** 204 g (0.45 Pounds)
- **Special Features:** Has backlight
- **Controller Type:** Knob Control (soft-stage rotary knob with turn-and-press mechanism)
- **Display Type:** Digital LCD
- **Temperature Control Type:** Heating (for underfloor heating)
- **Included Components:** Mounting brackets, backplate, cables

## 9. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card included with your purchase or contact your retailer. For technical support or service inquiries, please contact Fränkische customer service directly or visit their official website for contact details.

### Related Documents - RD 20203-10-656-01

 <p>FRÄNKISCHE alpex F50 PROFi® easy run Universalbox with Tools</p>	<p><a href="#">FRÄNKISCHE alpex F50 PROFi® easy run Universalbox with Tools</a></p> <p>Product overview of the FRÄNKISCHE alpex F50 PROFi® easy run Universalbox, a comprehensive kit for plumbing and heating installations, including press jaws, fittings, and tools.</p>
 <p>6iE WiFi Thermostat The smartest, most efficient way to control the world's best underfloor heating. Warmup User Guide</p>	<p><a href="#">Warmup 6iE WiFi Thermostat User Guide</a></p> <p>Comprehensive user guide for the Warmup 6iE WiFi Thermostat, covering installation, setup, operation, features like Energy Monitor and SmartGeo, troubleshooting, and technical specifications.</p>



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Warmup

User Guide

### [Warmup 7iE Smart Thermostat User Guide](#)

Comprehensive user guide for the Warmup 7iE smart thermostat, covering installation, setup, operation, features like Energy Monitor and SmartGeo, settings, troubleshooting, and technical specifications.

**Element** WiFi Thermostat  
Inteligentná kúrenie. Zjednodušené.



Príručka

Warmup

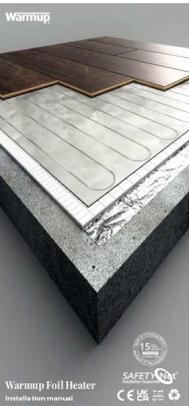
### [Warmup Element WiFi Thermostat: Smart Heating Control](#)

Discover the Warmup Element WiFi Thermostat, offering intelligent, energy-efficient control for your underfloor heating system. Features SmartGeo technology, precise touch controls, and a sleek design for modern homes.



### [Beok CCT-10 & CCT-10-X Hub Controllers: Smart Water Heating System Management](#)

Explore Beok Controls' CCT-10 and CCT-10-X Hub Controllers for efficient water underfloor heating systems. Learn about features, technical data, installation, and advantages for boiler, pump, and zone control.



### [Warmup Foil Heater Installation Manual](#)

Comprehensive installation manual for the Warmup Foil Heater system, detailing electrical supply, subfloor preparation, layout planning, heater installation, floor covering, thermostat connection, and troubleshooting.