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› Dcyfol True Comfort PS120/240NP Non-Programmable Floor Heating Thermostat User Manual

Dcyfol PS120/240NP

Dcyfol True Comfort PS120/240NP User Manual

NON-PROGRAMMABLE FLOOR HEATING THERMOSTAT

Model: PS120/240NP (120V/240V)

Introduction

The Dcyfol True Comfort PS120/240NP non-programmable electronic dual-voltage thermostat is designed to provide consistent comfort for your floor heating system. Its intuitive manual controls and sleek design make temperature adjustment straightforward. This thermostat features a backlit screen, a discrete modern aesthetic, and integrated Ground Fault Circuit Interrupter (GFCI) protection for enhanced safety. It also offers display options for temperature in Celsius or Fahrenheit and time in 24-hour or 12-hour format, along with battery-free memory backup to retain settings during power outages.

Setup and Installation

Important: Installation should be performed by a qualified electrician in accordance with local electrical codes. Ensure power to the heating system is disconnected at the main circuit breaker before beginning installation.

1. **Power Disconnection:** Turn off the power supply to the floor heating circuit at the main electrical panel. Verify that power is off using a voltage tester.
2. **Mounting:** Mount the thermostat to a standard electrical box. Ensure the mounting screws are securely fastened.
3. **Wiring:** Connect the thermostat wires to the floor heating system and power supply according to the wiring diagram provided with the product. This thermostat supports dual voltage (120V/240V). Ensure correct voltage connections are made.
4. **Floor Sensor Installation:** Connect the floor sensor wires to the designated terminals on the thermostat. The sensor should be installed in the floor according to the floor heating system manufacturer's instructions, typically within a conduit for protection and future replacement.
5. **Secure Cover:** Once wiring is complete and verified, attach the thermostat faceplate and secure it.
6. **Restore Power:** Turn the power back on at the main circuit breaker.



Image 1: The Dcyfol True Comfort PS120/240NP thermostat shown with its packaging and the included floor sensor cable. This illustrates the components typically included for installation.

Operating Instructions

The PS120/240NP thermostat is designed for simple, non-programmable operation.

- **Setting Temperature:** Use the **Up** and **Down** buttons located on the front of the thermostat to adjust the desired floor temperature. The current temperature and the set temperature will be displayed on the backlit screen.
- **Display Modes:** The thermostat can display temperature in Celsius (°C) or Fahrenheit (°F), and time in 24-hour or 12-hour format. Refer to the full product manual for specific instructions on how to switch between these display modes, typically involving a combination of button presses or a menu option.
- **Backlit Screen:** The screen is backlit for easy visibility, especially in low-light conditions.





Image 2: Close-up view of the Dcyfol True Comfort PS120/240NP thermostat's backlit display, showing the current temperature (25.5°C)

and the set temperature (9.5°C). The up and down control buttons are visible below the display.

Maintenance

The Dcyfol True Comfort thermostat requires minimal maintenance.

- **Cleaning:** Periodically wipe the thermostat's exterior with a soft, damp cloth. Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the finish or internal components.
- **GFCI Testing:** The integrated Ground Fault Circuit Interrupter (GFCI) should be tested monthly. Press the **TEST** button (if present, refer to the full manual for location). The GFCI should trip, cutting power to the heating system. Press the **RESET** button to restore power. If the GFCI does not trip or reset, contact a qualified electrician.
- **No User-Serviceable Parts:** The thermostat contains no user-serviceable parts. Do not attempt to open or repair the unit yourself.

Troubleshooting

If you experience issues with your thermostat, consult the following common troubleshooting steps:

- **No Display/No Power:**
 - Check the circuit breaker for the floor heating system and reset if tripped.
 - Ensure all wiring connections are secure and correct.
 - If the GFCI has tripped, press the **RESET** button.
- **Floor Not Heating:**
 - Verify that the set temperature is higher than the current floor temperature.
 - Check if the GFCI has tripped.
 - Ensure the floor sensor is properly connected and not damaged.
 - If the issue persists, contact a qualified electrician.
- **Incorrect Temperature Reading:**
 - Ensure the floor sensor is correctly installed and not exposed to drafts or direct sunlight.
 - Verify the thermostat is set to the correct temperature unit (°C or °F).

For persistent issues or complex problems, it is recommended to contact a qualified electrician or the manufacturer's support.

Specifications

Feature	Specification
Brand	Dcyfol
Model Name	PS120/240NP
Voltage	120V / 240V AC
Frequency	50/60 Hz
Max. Load (120V)	1800 W (15 A resistive)
Max. Load (240V)	3600 W (15 A resistive)

Feature	Specification
GFCI Class	Class A (5 mA)
Controller Type	Push Button
Special Features	Auto Changeover, Backlit Screen, GFCI Protection, Battery-free Memory Backup
Item Weight	360 g
Parcel Dimensions	14.8 x 9.8 x 6.2 cm
UPC	698679844447

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PS120/240NP

NON-PROGRAMMABLE THERMOSTAT
THERMOSTAT NON PROGRAMMABLE

ELECTRICAL CHARACTERISTICS

- Dual voltage supply 120/240 VAC
50/60 Hz
- 1800 W at 120 VAC, 3600 W at 240 VAC
- Max. 15 A (resistive load)
- Class A GFCI (5 mA)

CERTIFICATIONS

- Class A GFCI tested under UL standard
no. 943 & CSA C22.2 no. 144.1

CARACTÉRISTIQUES ÉLECTRIQUES

- Alimentation bi-voltage 120/240 VCA
50/60 Hz
- 1800 W à 120 VCA, 3600 W à 240 VCA
- 15 A max. (charge résistive)
- DDFT Classe A (5 mA)

HOMOLOGATIONS

- DDFT classe A testé sous les normes UL
no 943 & CSA C22.2 no 144.1

Image 3: The rear view of the Dcyfol True Comfort PS120/240NP thermostat packaging, detailing electrical characteristics such as dual voltage supply (120/240 VAC), wattage (1800W at 120V, 3600W at 240V), maximum amperage (15A), and Class A GFCI certification.

Warranty Information

Specific warranty details for the Dcyfol True Comfort PS120/240NP thermostat are typically provided with the product packaging or available directly from the manufacturer. Please refer to the documentation included with your purchase for comprehensive warranty terms and conditions.

Support

For technical assistance, installation questions, or troubleshooting beyond the scope of this manual, please contact your retailer or the Dcyfol customer support team. Contact information can usually be found on the product packaging or the manufacturer's official website.

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