

Schluter DHERT104/BW

Schluter Ditra-Heat-E-WiFi Thermostat with Floor Sensor

Model: DHERT104/BW

1. INTRODUCTION

The Schluter Ditra-Heat-E-WiFi Thermostat is designed to control electric floor heating systems, providing comfortable warmth and energy efficiency. This programmable thermostat features a touchscreen interface, app control, and smart home integration capabilities, allowing for precise temperature management and energy monitoring.



Figure 1: Front view of the Schluter Ditra-Heat-E-WiFi Thermostat.

2. SAFETY INFORMATION

This thermostat includes a Class A Ground Fault Circuit Interrupter (GFCI) that automatically cuts power to prevent electrical shock. Adhere to all local electrical codes and standards during installation. Professional installation is recommended for electrical wiring. Always disconnect power at the circuit breaker before performing any installation or maintenance.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Schluter Ditra-Heat-E-WiFi Thermostat
- Floor Temperature Sensor

4. INSTALLATION

The thermostat is designed for wall mounting and is compatible with both 120V and 240V heating cables, with a maximum load of 15 amps. For larger systems, an additional power module may be required. Refer to the detailed Schluter Installation Handbook and Technical Data Sheet for complete wiring diagrams and step-by-step instructions. Ensure all electrical connections are secure and comply with applicable codes.



Figure 2: Schluter Ditra-Heat-E-WiFi Thermostat installed in a modern kitchen environment.

5. OPERATING INSTRUCTIONS

5.1. Touchscreen Interface

The 3.5-inch digital touchscreen allows for direct control of your floor heating system. Navigate through menus and adjust settings by tapping the screen. The backlight ensures visibility in various lighting conditions.

5.2. Heating Schedule

Program custom heating schedules to optimize comfort and energy consumption. The thermostat allows for multiple temperature settings throughout the day and week. Access the 'Heating Schedule' menu to set or modify your preferred times and temperatures.

5.3. Energy Monitoring

Utilize the energy monitoring feature via the user-friendly app to track your heating system's energy usage. This data can assist in managing heating costs and identifying potential savings.

5.4. Smart Control and App Integration

Connect the thermostat to your home Wi-Fi network to enable remote control via a dedicated mobile application. The app allows you to adjust settings, view energy usage, and integrate with compatible smart home and voice assistant platforms (e.g., Amazon Alexa) for enhanced convenience.

6. MAINTENANCE

The thermostat requires minimal maintenance. Clean the touchscreen with a soft, damp cloth. Avoid using abrasive cleaners or solvents. Ensure the thermostat's vents are clear of dust and debris to maintain proper operation.

7. TROUBLESHOOTING

If the thermostat is not functioning as expected, consider the following:

- **No Power/Display Off:** Check the circuit breaker for the heating system. Ensure the thermostat is properly connected to the power supply.
- **Floor Not Heating:** Verify that the heating schedule is active and the desired temperature is set above the current floor temperature. Check for any GFCI trips.
- **Wi-Fi Connectivity Issues:** Ensure your home Wi-Fi network is operational. Re-establish the Wi-Fi connection through the thermostat's settings or the mobile app.
- **Inaccurate Temperature Readings:** The floor sensor may require calibration. Refer to the installer settings menu for sensor calibration options.

For persistent issues, consult the full technical manual or contact Schluter customer support.

8. SPECIFICATIONS

Brand	Schluter
Model Number	DHERT104/BW
Product Dimensions	7"D x 4"W x 4"H
Item Weight	0.35 Pounds
Color	White
Material Type	Plastic
Voltage	120V / 240V (Max 15 Amps)
Display Type	Digital
Screen Size	3.5 Inches
Control Type	Touch
Control Method	App
Connectivity Technology	Wi-Fi

Mounting Type	Wall Mount
Power Source	Line Voltage with 1 AAA battery (for memory backup)
Special Feature	Programmable, GFCI, Energy Monitoring, Smart Home Integration

9. WARRANTY & SUPPORT

The Schluter Ditra-Heat-E-WiFi Thermostat is backed by a 3-year limited warranty against manufacturing defects. This warranty is valid when the product is installed according to the Schluter Installation Handbook and Technical Data Sheet, adhering to all guidelines and industry standards in effect at the time of installation. For technical support, warranty claims, or additional information, please refer to the official Schluter website or contact their customer service department.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question