

# RADISTAT MAN USER MANUAL



## RADISTAT MAN

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### Introduction

UTN is an electronic thermostat for comfort heating. It combines elegant simplicity with advanced technology and features a large, easily read temperature display and Easy2Use buttons for simple operation. The backlit display is activated by the first press of a button. UTN thermostats have built-in GFCI (Ground Fault Circuit Interrupter) to ensure maximum safety.

### Setting the temperature

To set the temperature, press the UP or DOWN button until the required temperature is shown on the display.  
The thermostat will calculate the best way to control the heating in order to obtain the required temperature. Minor adjustments should first be made after a few hours, depending on floor heating design.

### Ground Fault Circuit Interrupter (GFCI)

The thermostat has a built-in GFCI that ensures personal safety in case of ground faults.

It is important that the GFCI is checked monthly.

#### Checking the GFCI

Testing can only be performed while the thermostat is calling for heat. Adjust the setpoint until the heating symbol ( SSS) appears. Use the Up button to increase the heating demand and then press the OK button. Wait 10 seconds to allow the thermostat to adjust



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to the new setpoint. Then press the **TEST** button on the top of the thermostat. The test is successful if the red light in the **TEST** button lights up and **GROUND FAULT** is shown on the display. If this does not occur, check the installation/contact your electrical installer. Press the **Standby/Reset** button to reset the GFCI.

The red light should go out and the display returns to normal appearance.








Press the **Down** button to return to the original temperature setting. If the test fails, check the heating cable and thermostat.

If during normal operation the GFCI trips without the **TEST** button being pressed, there could be a ground fault! To check whether it is a ground fault or nuisance tripping, press **Standby/Reset**. If this causes the red light to go off and stay off, it was nuisance tripping and the system is operating correctly. If this does not occur, there is a ground fault! Contact your electrical installer.

## Settings

The thermostat has an intuitive menu, allowing it to be easily set.

Press **OK** to access the following options:

	FLOOR TEMP	Displays actual floor temperature.
	SCALE HIGH	Allows you to set the highest temperature to which the thermostat can be adjusted. Press <b>OK</b> and change the temperature with the <b>UP</b> or <b>DOWN</b> button. Confirm with <b>OK</b> .
	SCALE LOW	Allows you to set the lowest temperature to which the thermostat can be adjusted. Press <b>OK</b> and change the temperature with the <b>UP</b> or <b>DOWN</b> button. Confirm with <b>OK</b> .
	C° / F°	Allows °C (Celsius) or °F (Fahrenheit) to be selected as the temperature unit. Press <b>OK</b> and change the temperature unit with the <b>UP</b> or <b>DOWN</b> button. Confirm with <b>OK</b> .
	OFFSET TEMP	Allows the difference in temperature between the thermostat and a room thermometer to be set. Press <b>OK</b> . Press the <b>UP</b> or <b>DOWN</b> button to set the offset temperature (in steps of 0.2°F/0.1°C). Confirm with <b>OK</b> .
	APPLICATION	Allows you to select <b>FLOOR SENSOR</b> or <b>REGULATOR</b> . <b>FLOOR SENSOR</b> : A floor sensor is used. Only floor temperature is controlled. <b>REGULATOR</b> : The thermostat functions as a simple regulator and no sensors are used. Press <b>OK</b> . Press the <b>UP</b> or <b>DOWN</b> button to select <b>FLOOR SENSOR</b> or <b>REGULATOR</b> . Confirm with <b>OK</b> .
	EXIT	Exits the menu. Press <b>OK</b> to return to the initial display.

## Standby

The thermostat has a standby function, which turns off the thermostat and display.

Press and hold the **Standby** button for 2 seconds. The display shows **OFF** and then turns off.

To turn the thermostat on again, simply press the **Standby** button.

## Error messages

E0 = Internal failure. Replace thermostat.

E1 = Internal sensor defective or short-circuited. Replace thermostat.

E2 = External sensor defective or short-circuited.

Check external sensor.