Description

The Powered Room Thermostat is a modern and stylish thermostat with a large backlit display that lets you quickly see the measured temperature in the room. This gives you both accurate temperature feedback for the room it is placed in and manual control of the temperature for that room.

The schedule for the room can be quickly and easily overridden using the simple touch-sensitive buttons on the front of it to change the target temperature. This gives manual control as well as being able to control the room from the Genius app. This unit has a thermostat and the receiver can switch any load up to 16A/230V.

This is a mains-powered device, so no batteries are required to power it. That boosts the signal for the other devices in the property, this increases the life of the battery-powered devices by providing easy lines of communication back to the Genius Hub. It is normally used to control an Electric Heater (such as panel, convection or infrared), wet underfloor heating or electric underfloor heating. This is an add-on to the Genius Hub.

The Temperature Probe (Floor/Tank) can be added to protect a floor against overheating. This is critical for sensitive floors (such as engineered wood or ceramics) and electric Underfloor Heating. The Powered Room Thermostat does not come with the Temperature Probe (Floor/Tank) as standard, this needs to be purchased separately.

Application

- 230v Wet/Electric Underfloor Heating
- Heated Towel Rails
- Electric Infrared Panels
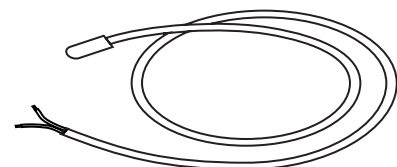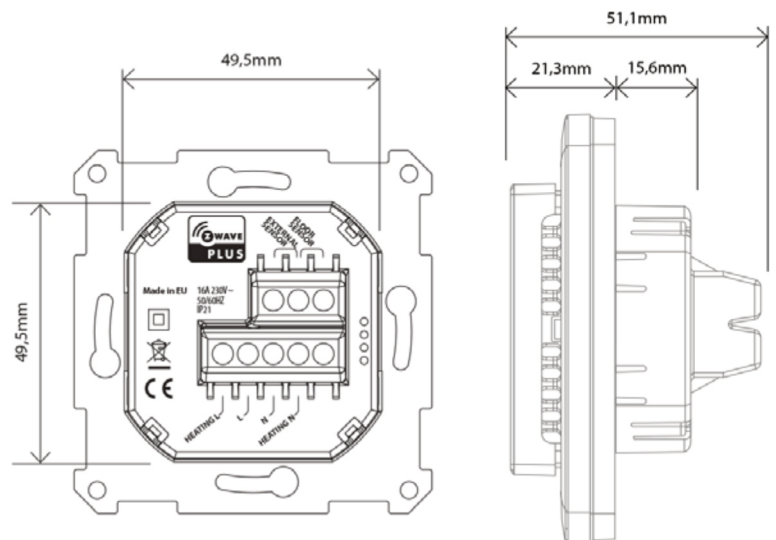- Electric Convection Heaters

Features

- Manual control of temperature from screen
- Signal Boosting
- Status Indication (heating)
- Remote Air Temperature Detection (with external probe)
- Floor Temperature limiter

Technical Data

- Power Supply: 230V AC, 50Hz
- Transmission Frequency: 868.42 (EU) MHz
- Contact Type: Micro disconnection
- Resistive Load: 16A (3600W)
- Inductive Load: 3A (750W self-limiting)
- Operating Temperature Range: 0°C to 40°C
- Measuring Temperature Range: 5°C to 40°C
- Enclosure Protection: IP21
- Works with the 3m Floor or Air Sensor
- NTC 10kΩ @ 25°C
- RoHS: Compliant
- Indoor Use Only

Powered Room Thermostat
SKU: HI-PRT-A

Temperature Probe (Floor/Tank)