Smart Low Voltage Thermostat (24 Vac)

TH1400ZB

|	
Hydronic floor heating	Baseboard heater activated by a mechanical or electronic relay (SSR)
Hydronic heating system	Fan-forced convector (activated by a relay)
Furnace (without fan control)	Electric floor heating (activated by a relay)

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zigbee 3.0

■ FEATURES*

. Backlit display
• Lockable buttons
• Allows floor or ambient temperature control
• Allows control of the ambient temperature taking into account the minimum and maximum temperature limits of the floor
• Allows control of the floor temperature taking into account the maximum ambient temperature limit
• Select the control cycle length based on the load type connected to the thermostat
• Personalization of the minimum and maximum temperatures available for thermostat control
• Temperature displayed in °C or °F

This thermostat is equipped with:
• Auxiliary heating control output
• Protection of the pump of a hydronic system during long periods of inactivity

* These features are available in Neviweb and Neviweb Premium and require the GT130 hub. Features may vary from a platform to another.

■ COMMUNICATION

Protocol: Zigbee 3.0
Frequency: 2.4 GHz
Transmission power: +20 dBm
Receiver sensitivity: -108 dBm
Encryption key: AES-128

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• **Automations:** create automations that run based on time, sunrise/sunset, device action, or your presence
• **Scenes:** activate personalized ambiances according to the time of the day, events or activity
• **Energy reports:** see your consumption and savings in real-time
• **Geofencing:** trigger actions based on your presence
• **Voice assistants:** works with Amazon Alexa and Google Assistant

* Discover more features: sinopetech.com

■ TECHNICAL SPECIFICATIONS

Operating voltage: 24 Vac*
Maximum load - main output: 1 A
Maximum load - auxiliary output: 1 A
Setpoint range: 5 °C to 36 °C (41 °F to 97 °F)
Display range: 0 °C to 70 °C (32 °F to 99 °F)
Storage: -20 °C to 50 °C (-4 °F to 122 °F)
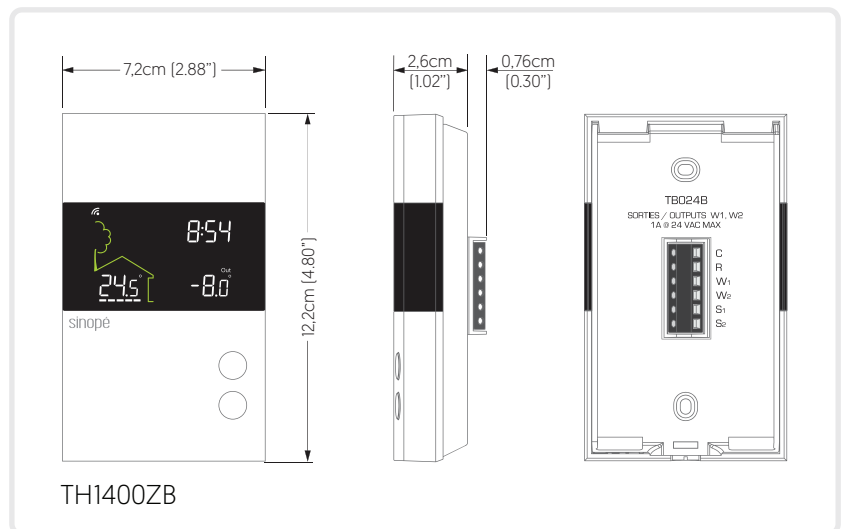**Resolution:** ± 0.5 °C (± 1 °F)

Auxiliary output:
Compatibility: 10K Ω / 12K Ω sensors at 25 °C
Floor sensor not included
3-year warranty

* 24 Vac external power source required. A relay may be required when used with an hydronic floor heating, an hydronic heating system or a furnace (without fan control).

■ ACCESSORIES

Expansion Unit
TR1310

For any installation exceeding 15 A, use the expansion module in addition to the thermostat.

Floor Sensor
AC1310-01

Do you wish to control the floor temperature with this thermostat? Use the AC1310-01 sensor.

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270-0735-0022-C