



Smart Low Voltage Thermostat (24 Vac)

TH1400WF



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]



■ 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
- Personalization of the minimum and maximum temperatures available for thermostat control
- Indoor (according to the control mode), outdoor, and setpoint temperatures featured on the thermostat display
- 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

■ COMMUNICATION

Protocol: Wi-Fi

Standard: IEEE 802.11 b/g/n

Frequency: 2.4 GHz

■ ACCESSORIE



Floor Sensor AC1310-01

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



- **Scenes:** activate personalized ambiances according to the time of the day, events or activity
- **Schedules:** set a different schedule for each day of the week, up to 8 periods per day
- **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 consumption: 150mA @ 24Vac

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]

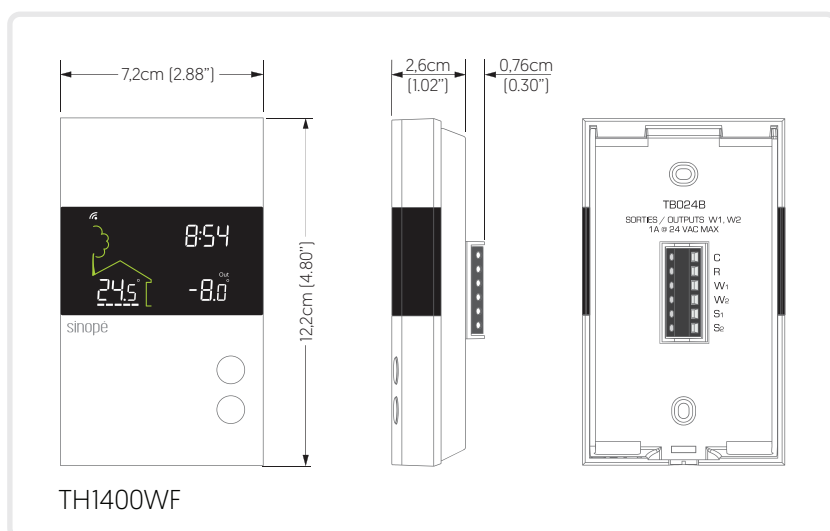
Auxiliary output:

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).



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