

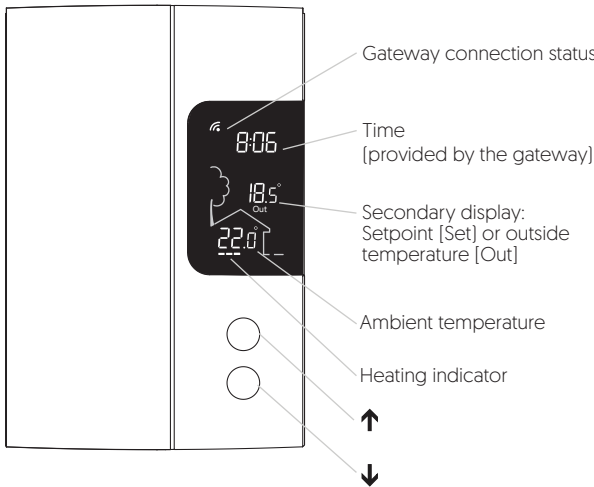
YOUR SMART THERMOSTAT FOR ELECTRIC HEATING

TECHNICAL SPECIFICATIONS

sinopé
TH1123ZB-G2
TH1124ZB-G2

Installation Guide

Smart Thermostat for
Electric Heating



Operating voltage: 120 / 208 / 240 Vac, 60 Hz

• TH1123ZB-G2 Thermostat

Maximum load:

12.5 A / 3000 W @ 240 Vac
12.5 A / 1500 W @ 120 Vac

• TH1124ZB-G2 Thermostat

Maximum load:

16.7 A / 4000 W @ 240 Vac
16.7 A / 2000 W @ 120 Vac

Minimum load:

Baseboard, convector and radiant ceiling
2 A / 500 W @ 240 Vac
2 A / 250 W @ 120 Vac

Fan-forced convector
4.16 A / 1000 W @ 240 Vac
4.16 A / 500 W @ 120 Vac

Resistive load only

Setpoint range: 5 °C to 30 °C (41 °F to 86 °F)

Display range: 0 °C to 50 °C (32 °F to 99 °F)

Resolution: ± 0.5 °C (± 1 °F)

Storage: -20 °C to 50 °C (-4 °F to 122 °F)

Operation: 0 °C to 50 °C (32 °F to 122 °F)

Protocol: Zigbee 3.0

Frequency: 2.4 GHz

Transmission power: +20 dBm

Receiver sensitivity: -108 dBm

Compatible with an electric heating system such as:

- Baseboard heater [short cycle]
- Convector [short cycle]
- Fan-forced convector [long cycle]
- Radiant ceiling heating

zigbee 3.0

Warnings

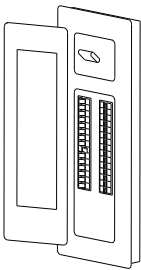
The installation of this thermostat must be performed by a certified electrician and comply with the national and local electrical codes and regulations.

Special CO/ ALR solderless connectors must be used when connecting with aluminum conductors.

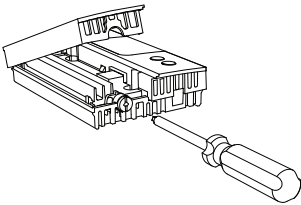


INSTALL YOUR THERMOSTAT

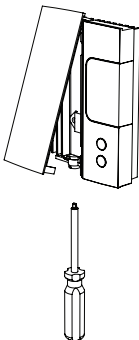
- 1 Make sure that the breakers for your heating system are off at the main electrical panel to avoid any risk of electric shock.



- 2 Unlock and lift the thermostat cover.



- 4 Replace the cover and lock



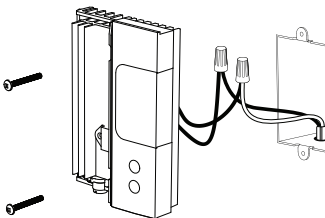
- 5 Power up the thermostat.



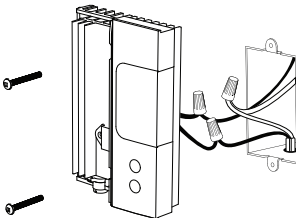
- 3 Use the connectors provided to connect the thermostat wires to the wires in the electrical box.

Note: The wires of this thermostat are non-polarized.

Two-wire installation

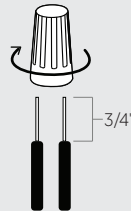


Four-wire installation



Make sure to firmly tighten the wire connectors for a secure connection. A loose connection can be a fire hazard.

To install wire connectors, you must:



- 1 Insert the two wires into the wire nut so that their copper ends are parallel.
- 2 Turn the wire connector clockwise until there is strong tension.
- 3 Pull on the threads to make sure they are secure, leaving no gaps between them. * If the threads seem to come loose, repeat the process.

* Improperly installed electrical wires could burn the wire connectors.

ADD YOUR THERMOSTAT TO THE GT130 GATEWAY AND NEVIWEB

1 If you do not have an account yet, download the Neviweb app for iOS or Android to create an account and add your device.



Get the app



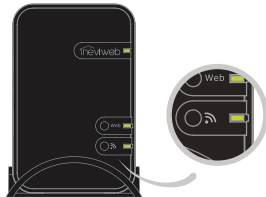
2 Tap , then select "Add Device".

3 Follow the steps of the installation wizard.

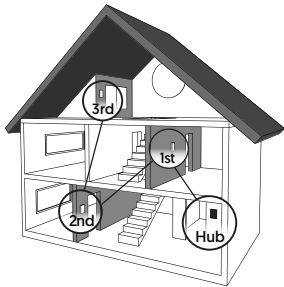
CONNECT YOUR THERMOSTAT TO THE GT130 GATEWAY OR A COMPATIBLE ZIGBEE SYSTEM

1 Initiate the connectivity session by pressing the RF signal button  on the GT130 gateway. The indicator light will start flashing.

Compatible Zigbee gateway: refer to the installation guide for the latter.



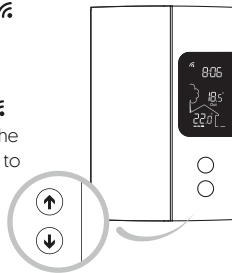
3 Connect all your devices the same way, by going to the next closest device.



2 Connect your thermostat to the network by pressing the  and  buttons briefly and simultaneously.

On the thermostat display: 
Blinks: Connecting
Remains lit: Connected

If the connectivity fails, the  symbol will disappear from the display. Refer to our Website to troubleshoot the unit.



4 When all your devices are connected, close the connectivity session of your GT130 gateway or your compatible Zigbee gateway.



USER SETTINGS

All of the thermostat's settings can be set through the Neviweb app.

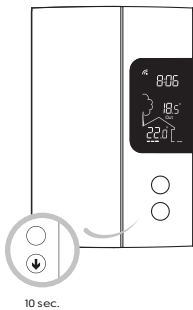
However, if you have not created your account and wish to change the temperature format or the control cycle, you need to:

Get the setpoint to its minimum and hold the  button for 10 seconds to access the menu.

Press the  or  button to change the setting.

Press the  and  buttons simultaneously to save and go to the next parameter.

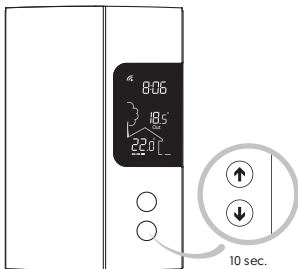
Continue to press until the end of the list



#	Name	Parameter	Display
1	Units	Temperature scale °C or °F [Default: °C]	
2	Cycle	Cycle SHT [short cycle for electric baseboard] FAN [long cycle for fan forced heater]	

DISCONNECT YOUR THERMOSTAT FROM THE GT130 GATEWAY OR A COMPATIBLE ZIGBEE SYSTEM

To disconnect your thermostat from the GT130 gateway or a compatible Zigbee hub, press the  and  buttons simultaneously for 10 seconds. "FACT RST" will appear on the thermostat's display for approximately 5 seconds.



TROUBLESHOOTING

If you face any challenges during the installation or operation of the thermostat, the Neviweb application, or when connecting to other platforms, please feel free to consult Sinopé's support website. You can do this by scanning the QR code provided or visiting support.sinopetech.com/en/.



Our technical support team will be happy to assist you.

Transmitter Module IC: 5123A-GM210P / FCC ID: QOQGM210P

This device complies with Industry Canada license exempt RSS standard[s]. Operation is subject to the following two conditions:
[1] this device does not cause interference, and [2] this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

3-year limited warranty

SINOPE TECHNOLOGIES INC. warrants the components of their products against defects in material and workmanship for a 3 year period from the date of purchase, under normal use and service, when proof of purchase of such is provided to the manufacturer. This warranty does not cover any transportation costs that may be incurred by the consumer. Nor does it cover a product that has been improperly installed, misused or accidentally damaged. The obligation of SINOPE TECHNOLOGIES INC., under the terms of this warranty, will be to supply a new unit and this releases the manufacturer from paying the installation costs or other secondary charges linked to replacing the unit or the components.

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For more information, visit our Website:

www.sinopetech.com



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