sinopé

Smart Thermostat for Baseboard Heating

Installation guide

TH1143WF / TH1144WF

WiFi CERTIFIED

660-0350-0003 / 22102025

Table of contents

Included in the box

Inside the box, you will find:

1 TH1143WF or TH1144WF thermostat

2 mounting screws

2 wire connectors

1 Welcome guide

Tools required

Square or flat screwdriver
Wire stripper (optional)
Pliers (optional)

Your Smart Thermostat

1. Time
2. Outdoor temperature and Weather condition
3. Ambient temperature
4. Heating indicator (Proportional)

Technical specifications

Operating voltage	120 / 208 / 240 Vac, 60 Hz
Maximum load TH1143WF thermostat	12.5 A / 3000 W @ 240 Vac 12.5 A / 1500 W @ 120 Vac
Maximum load TH1144WF thermostat	16.7 A / 4000 W @ 240 Vac 16.7 A / 2000 W @ 120 Vac
Minimum load	1.25 A / 300 W @ 240 Vac 2.5 A / 300 W @ 120 Vac Resistive load only
Dimensions (W x H x D) TH1143WF thermostat	85.61 mm (3.37 in) x 127.25 mm (5 in) x 29.6 mm (1.17 in)
Dimensions (W x H x D) TH1144WF thermostat	115 mm (4.53 in) x 127.25 mm (5 in) x 32 mm (1.26 in)
Setpoint range	5 °C to 30 °C (41 °F to 86 °F)
Display range	0 °C to 50 °C (32 °F to 99 °F)
Storage	-20 °C to 50 °C (-4 °F to 122 °F)
Operation	0 °C to 50 °C (32 °F to 122 °F)
Resolution	± 0.5 °C (± 1 °F)
Communication	Protocol: Wi-Fi Standard: IEEE 802.11 b/g/n Frequency: 2.4 GHz Encryption key: AES-128
Communication module	IC: 21098-ESPWROOM32E FCC ID: 2AC7Z-ESP32WROOM32E
Certifications	CSA-C282-19 Performance Conforms to CAN/CSA STD 22.2 nos, E60730-1-5 & E60730-2-9 FCC CFR 47 Title 15 Class B CAN ICES-3(B)/NMB-3(B)
Warranty	3 years

Installation and configuration

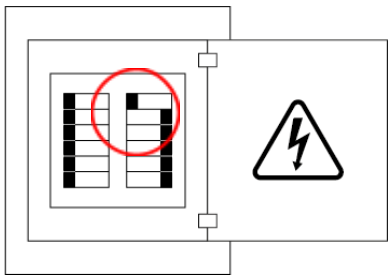
⚠️ Warnings

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

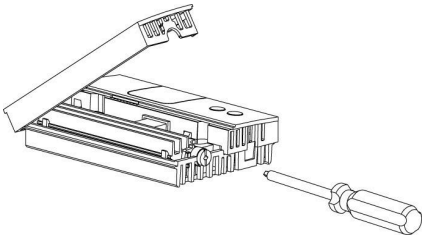
Special CO/ ALR solderless connectors must be used when connecting with aluminum conductors.

Installation

1 **Turn off the power.**
Before beginning the thermostat installation, ensure the circuit is powered off at the electrical panel to avoid any risk of electrical shock.



2 **Unlock the thermostat** with the screwdriver, then lift the thermostat cover to access the mounting screw holes.



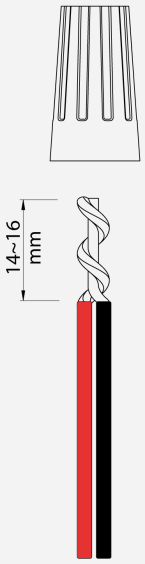
3 Use the connectors provided to **connect the thermostat wires** to the wires in the electrical box.

Note: The thermostat wires are **non-polarized**, meaning either wire can be connected to L1 or L2.

Ensure the wire connectors are tightened firmly for a secure connection. A loose connection can pose a fire hazard.

To install wire connectors, follow these steps:

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



⚠️ Warning

Improperly installed electrical wires **could burn the wire connectors.**

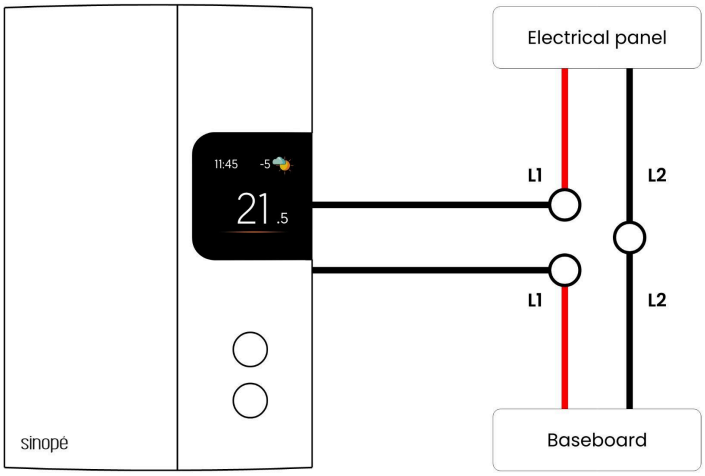
240 V installation

4-wire installation

A. Connect one of the **thermostat's wires** to the **L1 (electrical panel)** red wire using one of the provided wire connectors.

B. Connect the **other thermostat's wires** to **the L1 (baseboard)** red wire.

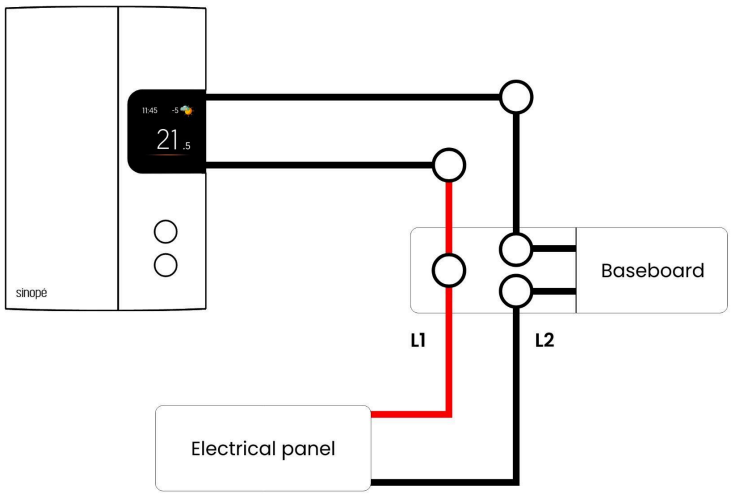
C. Connect the **L2 black wires** (from the electrical panel and baseboard) together.



2-wire installation

A. Connect **one of the thermostat's wires** to the **L1 (baseboard)** red wire using one of the provided wire connectors.

B. Connect **the other thermostat's wire** to the **L2 (baseboard)** black wire.



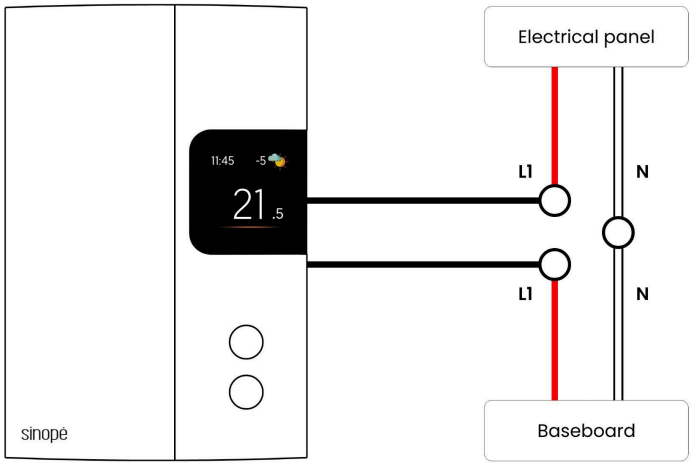
120 V installation

4-wire installation

A. Connect **one of the thermostat's wires** to the **L1 (electrical panel)** black wire using one of the provided wire connectors.

B. Connect **the other thermostat's wires** to the **L1 (baseboard)** black wire.

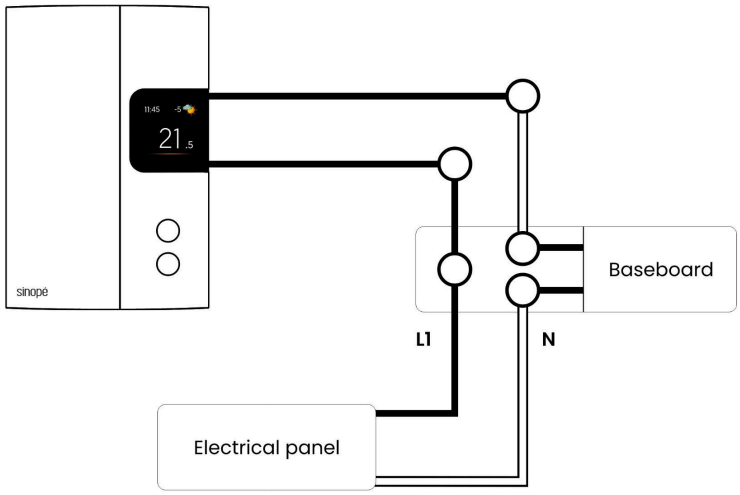
C. Connect the **N wires** (from the electrical panel and baseboard) together.



2-wire installation

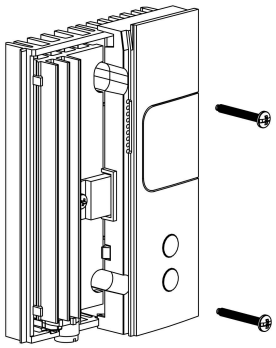
A. Connect **one of the thermostat's wires** to the **L1 (baseboard)** black wire using one of the provided wire connectors.

B. Connect **the other thermostat's wire** to the **N** (baseboard) white wire.



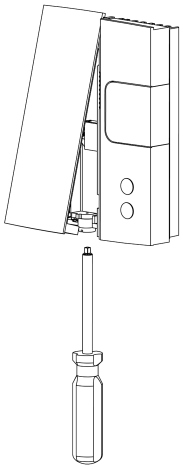
4 Secure the thermostat

Use the mounting screws to secure the thermostat to the electrical box.



5 Put back the cover

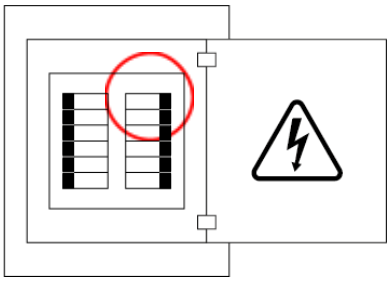
Replace the cover and lock it in place.



6 Power up the thermostat.

After switching on the breaker, your Sinopé thermostat should turn on automatically.

The start-up screen will appear for a few moments.



Configuration

Once your thermostat is powered on, the startup screen will display briefly.
Follow the steps below to change the basic thermostat settings **without the Sinopé Neviweb application**.

Startup screen

1 **Language selection**
Select the language displayed on your thermostat.

2 **Temperature unit**
Select the temperature format displayed on the thermostat screen (°C or °F).

Wi-Fi connection

You can connect your thermostat to Wi-Fi in two ways:

- Via **the Sinopé Neviweb app** (recommended)
- Via **Apple Home**

The **Sinopé Neviweb** app allows you to easily configure all thermostat settings using your smartphone.

Later, you can also add your device to **Apple Home**.

Configuration with the Sinopé Neviweb app

If you don't have an account yet, download the **Sinopé Neviweb** app on your smartphone, then create an account.

GET IT ON Google Play

Download on the App Store

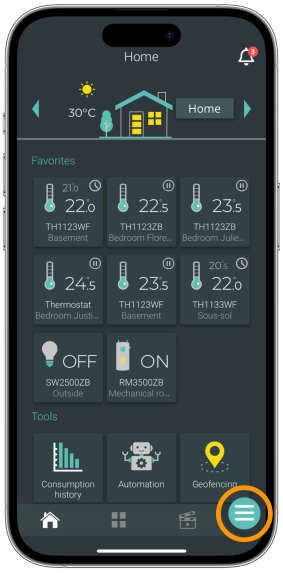
Get the app

1 Open the **Sinopé Neviweb** app

2 **Briefly press both buttons** on the thermostat.

The connection screen will appear on the thermostat.

3 **In the Sinopé Neviweb** app, Tap ☰, then select **"Add Device."**
Follow the installation wizard's steps.

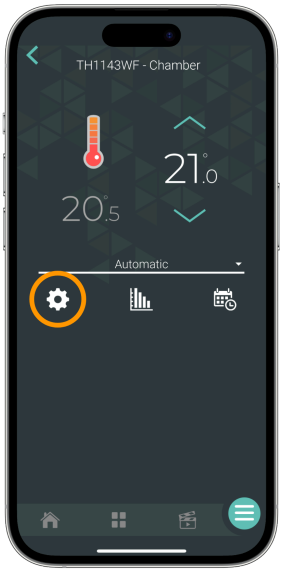


4 Wait for the Wi-Fi setup to complete.

5 Once the Wi-Fi connection is complete, **tap the tile** corresponding to your thermostat in the Sinopé Neviweb app.

6 Configure settings

Tap on ⚙ to access the device settings. Continue configuring your system preferences in the different configuration menus.



Settings

Default value in **bold**.

Settings	Description	Options
Temperature unit	The temperature format featured on the thermostat display.	**Celsius** Fahrenheit
Time format	The time format featured on the thermostat display.	12 h **24 h**
Language	The language displayed on your thermostat.	Français **English**
Backlight	**Always ON:** The display backlight is always on, and its intensity adjusts according to the ambient light. **On-demand:** The backlight turns on when you press the thermostat buttons and turns off after 12 sec. **Bedroom:** The backlight adjusts according to the ambient light and turns off below 20% brightness.	**Always ON** On demand Bedroom
Early start	The early start functionality can only be used in auto mode. When this functionality is activated, the thermostat determines the heating start time to reach the desired temperature at the scheduled time.	OFF **On**

Settings	Description	Options
Keypad	Enables or disables the device's buttons **Unlocked:** Activates the device's buttons. **Locked:** Disables the device's buttons. **Limited:** Allows setpoint change only. Restricts device configuration and disconnection. **Keyboard locked** is displayed on the thermostat screen if 'Locked or 'Limited' is selected.	**Unlocked** Locked Limited
Max. Setpoint	The maximum setpoint temperature available on the thermostat	5 °C to 30 °C / 41 °F to 86 °F **30 °C default** / 86 °F
Min. Setpoint	The minimum setpoint temperature available on the thermostat	5 °C to 30 °C / 41 °F to 86 °F **5 °C default** / 41 °F
Away setpoint	The setpoint temperature assigned to the thermostat when the away mode is activated	5 °C to 30 °C / 41 °F to 86 °F **20 °C default** / 68 °F
Load connected (watts)	The power in watts of the electrical load connected to the device. This value is automatically read by the thermostat and is used to assess energy consumption.	

Accessing settings directly on the thermostat

All thermostat settings can be configured using the **Sinopé Neviweb app**.
However, if you **did not set the display language or temperature unit during the initial setup** and **you have not created a Sinopé Neviweb account**, follow the steps below:

1. **Lower the setpoint to its minimum and hold the ↓ button for 10 seconds** to access the menu.
2. **Use the ↓ or ↑ button** to scroll through the settings and change values.
3. **Press both ↓ and ↑ buttons simultaneously** to save your selection and move to the next parameter.

Settings that can be modified on the device directly

The following table lists the settings that can be changed directly on the thermostat. You can change more settings through the Sinopé Neviweb app.

Default value in **bold.**

#	Settings	Description
1	**Language**	**The language displayed on your thermostat.** Français **English**
2	**Temperature unit**	**The temperature format featured on the thermostat display.** **Celsius** Fahrenheit

Adjusting the temperature setpoint

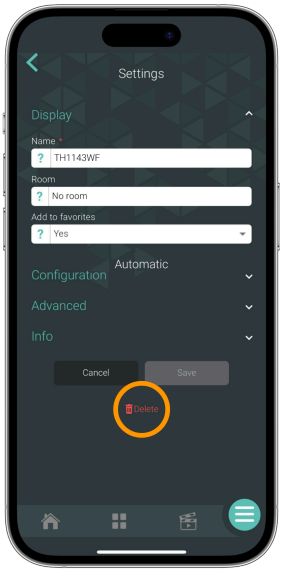
To adjust the temperature setpoint, press ⬇ or ⬆. The word '**Setpoint**' will appear at the top of the thermostat's screen.

Changing your thermostat's Wi-Fi settings

To change the Wi-Fi network your thermostat is connected to, follow the steps in the **"Configuration with the Sinopé Neviweb app"** section or the **"Configuration with Apple Home"** section. This will update the network settings so your thermostat connects to your new Wi-Fi.

Removing your thermostat from the Sinopé Neviweb app

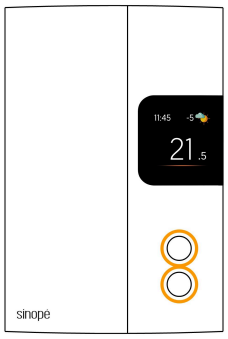
To remove your thermostat from the Sinopé Neviweb app, press '**Delete'** in the thermostat settings.



Configuration with Apple Home

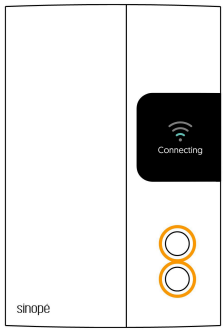
To add your thermostat to the Apple Home app, follow these steps.

1 **Press both buttons** on the thermostat.



The thermostat will display a connecting screen.

2 **Press both buttons again** on the thermostat



3 Open the **Apple Home** App and press '**Add accessory**'. Scan the Apple Home code displayed on the thermostat's screen.

4

Follow the steps displayed on the Apple Home app.

The thermostat will then display the connection status.

5

Important recommendation

If you have not yet added your thermostat to the **Sinopé Neviweb app**, we recommend doing so to access **all available features**.

The Sinopé Neviweb app allows you to:

- Easily configure all thermostat settings from your smartphone.
- Display **weather conditions** on the thermostat screen.
- Access **additional advanced features**.

Simply follow the **'Configuration with the Sinopé Neviweb app'** steps to get started.

Automatic and away-from-home control of this HomeKit-compatible accessory requires a HomePod, Apple TV, or iPad set up as a Home Hub. It is recommended that the software and operating system be updated.

Using the *Works with Apple* badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple's performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

HomeKit is a trademark of Apple Inc.

Troubleshooting

If you encounter any difficulties installing or operating the thermostat, the Sinopé Neviweb application, or connecting to other platforms, we invite you to consult Sinopé's support website at https://support.sinopetech.com/en/.

Problem	Solutions
The thermostat is hot.	Under normal operation, the thermostat housing can reach a temperature between 35°C (95°F) and 40°C (104°F).
The displayed temperature is incorrect	Possible causes: • The thermostat is exposed to a draft. • The thermostat is installed near or above a heat source (e.g., a light dimmer).
The display disappears and reappears after a few minutes.	**Cause:** The heating unit's thermal protection device has temporarily activated. **This may occur if:** • The heater is blocked by furniture or a curtain, causing it to overheat. • The thermal protection device of the heater is overly sensitive.

Support

The technical support team will be happy to assist you.

Call us at :
1 (855) 741-7701

Write to us at:
support@sinopetech.com

Find us at :
705, Montrichard Avenue
Saint-Jean-sur-Richelieu
Quebec, Canada (J2X 5K8)

Opening hours :
Monday to Friday - 8:00 am to 4:30 pm (EST)
Saturday & Sunday - Closed

3-year Limited Warranty

SINOPÉ TECHNOLOGIES INC. (“Sinopé”) 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. If, at any time during the warranty period, the product is determined to be defective, SINOPÉ TECHNOLOGIES INC. will replace it. 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 SINOPÉ 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. The manufacturer shall not be liable for incidental, consequential, or special damages arising at or in connection with product use or performance. SINOPÉ TECHNOLOGIES INC. is not required to provide replacement parts or repair services after the warranty period expires.

Controlling this HomeKit-enabled accessory automatically and away from home requires a HomePod, Apple TV, or iPad set up as a home hub. It is recommended that you update to the latest software and operating system.
Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.
HomeKit is a trademark of Apple Inc.

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The Wi-Fi CERTIFIED™ Logo is a certification mark of Wi-Fi Alliance®.

ISED Canada compliance statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- This device may not cause interference.
- This device must accept any interference, including interference that may cause undesired operation of the device.

FCC compliance statement

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.