

Sinopé TH1123ZB

Sinopé TH1123ZB Smart ZigBee Thermostat Instruction Manual

Model: TH1123ZB

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Sinopé TH1123ZB Smart ZigBee Thermostat. This thermostat is designed for electric baseboard heaters, convectors, fan-forced convectors, and radiant ceiling heating systems. It offers advanced smart home integration capabilities, allowing control via Amazon Alexa, Google Home, Neviweb, and Hubitat (compatible hub required).



Image: The Sinopé TH1123ZB Smart ZigBee Thermostat displayed in a modern living room, highlighting its sleek design and integration into a smart home environment. The image also features the Sinopé logo and the text "The most performing smart thermostat for electric heating."

2. SAFETY INFORMATION

Please read all safety warnings and installation instructions carefully before installing or using this product. Failure to follow these instructions may result in electric shock, fire, or property damage.

- **HIGH VOLTAGE:** Disconnect power before servicing. Always turn off power at the circuit breaker or fuse box before attempting any installation or maintenance.
- Installation must be performed by a qualified electrician in accordance with local electrical codes.
- This thermostat is designed for electric heating systems only. **NOT compatible with HVAC systems or floor heating.**
- Ensure the thermostat's electrical ratings (3000 W / 240 V) are compatible with your heating system.
- Do not expose the thermostat to water or excessive humidity.



Image: The rear view of the Sinopé TH1123ZB thermostat, showing the wiring terminals and important safety labels, including warnings about high voltage and electrical specifications. This image emphasizes the need for careful handling and professional installation.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Sinopé TH1123ZB Smart ZigBee Thermostat

- Connectors
- Mounting screws
- Instruction Manual (this document)

4. SETUP AND INSTALLATION

4.1 Pre-Installation Checklist

1. Ensure power to the heating system is OFF at the main electrical panel.
2. Confirm your heating system is compatible (electric baseboard, convector, fan-forced convector, or radiant ceiling heating).
3. Have necessary tools: screwdriver, wire strippers.

4.2 Wiring Instructions

The TH1123ZB thermostat is designed for 2-wire installations and works with both 120V and 240V systems. It does not require a neutral wire or ground wire for operation.

1. **Turn off power:** Locate the circuit breaker controlling your heating system and turn it OFF. Verify power is off using a voltage tester.
2. **Remove old thermostat:** Carefully remove your existing thermostat from the wall. Disconnect the wires, noting which wire was connected to which terminal if applicable (though for 2-wire systems, polarity typically doesn't matter for this thermostat).
3. **Connect new thermostat:** Connect the two wires from your wall to the two wires of the TH1123ZB thermostat using the provided connectors. The thermostat wires can be connected in either polarity.
4. **Mount thermostat:** Secure the thermostat to the wall electrical box using the mounting screws.
5. **Restore power:** Turn the power back ON at the circuit breaker.



Image: A clear front view of the Sinopé TH1123ZB thermostat, showing its digital display with time, outdoor temperature, and indoor temperature. Two circular buttons are visible below the screen. This image illustrates the thermostat's appearance once installed.

4.3 ZigBee Pairing

To enable smart features and remote control, the TH1123ZB requires a compatible ZigBee hub (e.g., Sinopé GT130, SmartThings, Hubitat). Ensure your hub is in pairing mode before proceeding.

1. On the thermostat, press and hold both circular buttons simultaneously for a few seconds until the ZigBee icon on

the display starts flashing.

2. Once successfully paired, the ZigBee icon will become solid.
3. Refer to your specific hub's instructions for adding new ZigBee devices and integrating the thermostat into your smart home platform (e.g., Amazon Alexa, Google Home).



Image: The Sinopé TH1123ZB thermostat positioned next to a smartphone screen showing the Neviweb app interface. The app displays various smart home devices and controls, illustrating the remote management capabilities of the thermostat through a compatible hub.

5. OPERATING INSTRUCTIONS

5.1 Display Overview

The LCD screen displays key information:

- **Time:** Current time.
- **Outdoor Temperature:** Requires connection to a compatible hub and internet access to display.

- **Indoor Temperature:** Current room temperature.
- **Setpoint Temperature:** Desired temperature.
- **ZigBee Icon:** Indicates connection status to the ZigBee network.



Image: An angled view of the Sinopé TH1123ZB thermostat, providing a clear look at its digital display and the two control buttons. This perspective helps users visualize the device's physical interface and how information is presented on the screen.

5.2 Adjusting Temperature

Use the two circular buttons below the display to adjust the setpoint temperature:

- Press the **top button** to increase the setpoint temperature.
- Press the **bottom button** to decrease the setpoint temperature.

5.3 Smart Home Integration

Once paired with a compatible ZigBee hub, you can control your thermostat remotely and integrate it with various smart home platforms:

- **Neviweb App:** For the best experience, use the Neviweb app with the GT130 hub. Features include automations (scheduling, presence-based actions), scenes (personalized ambiances), geofencing (actions based on your location), and real-time energy reports.
- **Amazon Alexa / Google Home:** Control your thermostat using voice commands. (e.g., "Alexa, set living room thermostat to 72 degrees").
- **Hubitat / SmartThings:** Integrate into your existing smart home ecosystem for advanced automations and control.

Ask your favorite
voice assistant to change
your setpoint temperature



Image: An Amazon Echo smart speaker placed on a wooden table next to a book and glasses. This image visually represents the voice control capability of the thermostat through integration with smart assistants like Amazon Alexa.

Control your entire smart home from anywhere

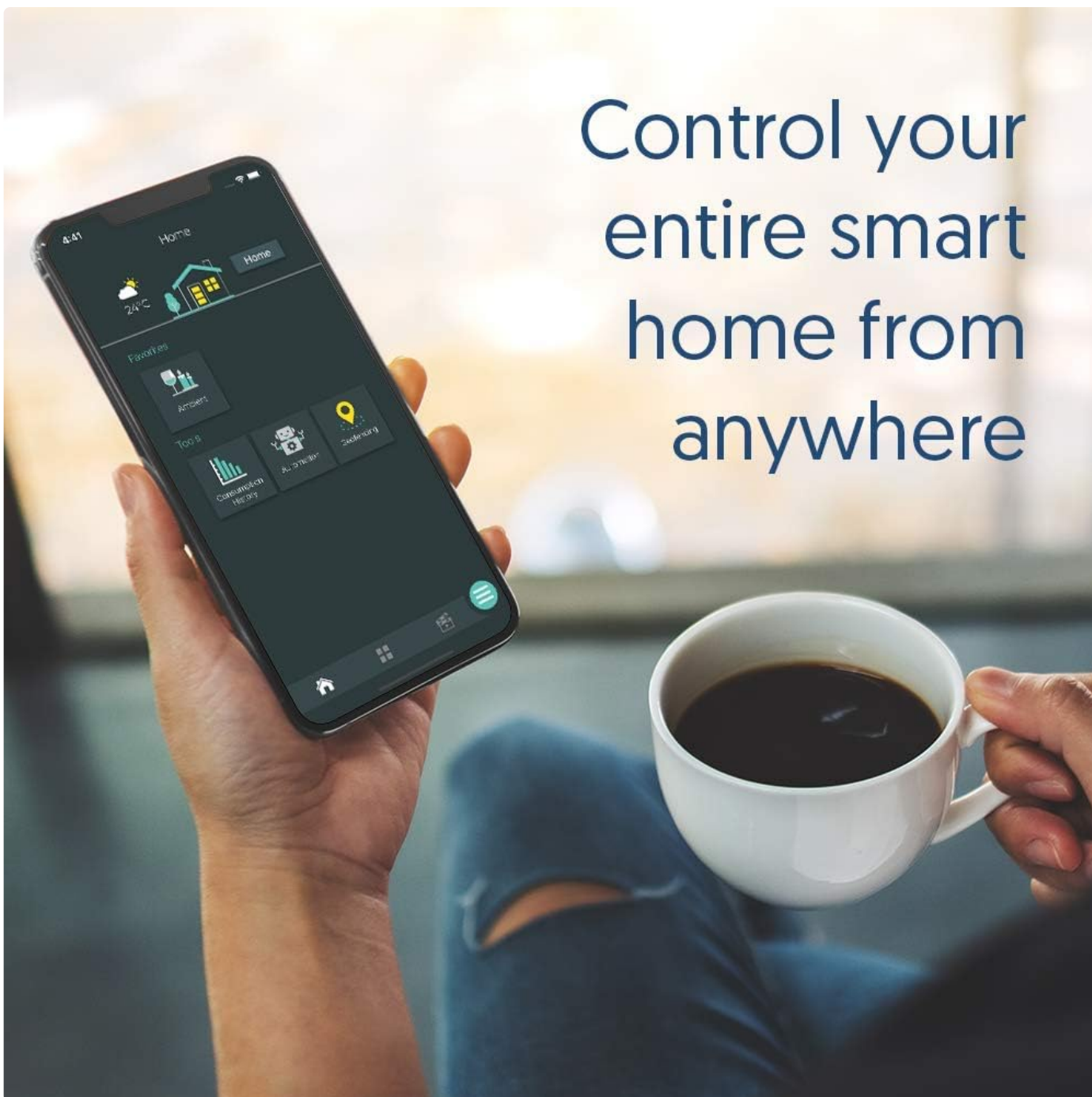


Image: A person holding a smartphone that displays a smart home application interface, with a coffee cup and a window in the background. This image signifies the ability to control the entire smart home system, including the thermostat, remotely from anywhere using a mobile app.

6. MAINTENANCE

The Sinopé TH1123ZB thermostat requires minimal maintenance.

- **Cleaning:** Wipe the thermostat's surface with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Firmware Updates:** Ensure your connected ZigBee hub and smart home platform are kept up-to-date, as they may provide firmware updates for the thermostat to improve performance and add features.
- **Power Cycle:** If the thermostat becomes unresponsive, turn off the power at the circuit breaker for 30 seconds, then turn it back on.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Thermostat display is blank.	No power to the thermostat.	Check the circuit breaker and ensure it is ON. Verify wiring connections.
Thermostat not heating.	Setpoint is below room temperature; heating system issue.	Increase the setpoint temperature. Check your heating system for faults.
Cannot pair with ZigBee hub.	Hub not in pairing mode; interference; distance.	Ensure hub is in pairing mode. Move thermostat closer to hub temporarily. Check for other ZigBee devices causing interference.
Outdoor temperature not displayed.	No internet connection for hub; hub not configured for outdoor temp.	Ensure your ZigBee hub has an active internet connection. Configure outdoor temperature source in your smart home app (e.g., Neviweb).
Thermostat not responding to app/voice commands.	Loss of ZigBee connection; hub offline; app issue.	Check ZigBee icon on thermostat (should be solid). Verify hub's internet connection. Restart the app or smart assistant.

8. SPECIFICATIONS

Feature	Detail
Model Number	TH1123ZB
Brand	Sinopé
Voltage	120V / 240V AC, 60 Hz
Maximum Load	12.5 A (resistive)
Wattage	3000 W @ 240V
Connectivity	ZigBee
Controller Type	Amazon Alexa, Google Assistant, Hubitat, Neviweb
Display Type	LCD with Backlight
Dimensions (H x W x D)	5" x 3.35" x 1"
Color	White
Material	Plastic
Certifications	ETL, Conforms to UL STD 60730-1 & 60730-2-9, CSA STD E60730-1 & E60730-2-9
UPC	667563000849

9. WARRANTY AND SUPPORT

Sinopé products are designed for reliability and performance. For specific warranty details and technical support, please refer to the official Sinopé website or contact their customer service directly.

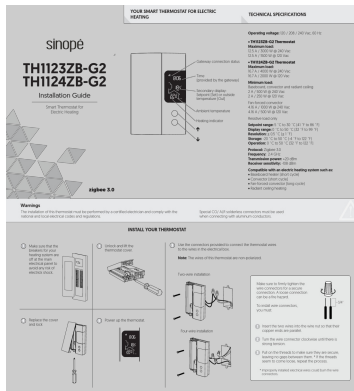
- **Online Support:** Visit www.sinopetech.com for FAQs, product documentation, and support resources.
- **Customer Service:** Contact information for technical assistance can be found on the Sinopé website.



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Related Documents

	Sinopé TH1123ZB-C4 & TH1124ZB-C4 Smart Thermostat Installation Guide Comprehensive installation guide for Sinopé TH1123ZB-C4 and TH1124ZB-C4 smart thermostats for electric heating. Learn how to install, connect to Control4, and configure settings.
	Sinopé TH1123ZB-G2/TH1124ZB-G2 Smart Thermostat Installation Guide Comprehensive installation guide for the Sinopé TH1123ZB-G2 and TH1124ZB-G2 Smart Thermostats for electric heating, covering technical specifications, installation steps, Zigbee connectivity, user settings, troubleshooting, and warranty.
	Sinopé TH1123ZB/TH1124ZB: Thermostats Intelligents pour Chauffage Électrique Contrôlez votre confort à distance avec les thermostats intelligents Sinopé TH1123ZB et TH1124ZB. Intégration Zigbee 3.0, économie d'énergie, et contrôle vocal pour votre chauffage électrique.
	Sinopé Smart Home Devices & Control Systems Neviweb App & Automation Explore Sinopé Technologies' innovative smart home devices, including thermostats, lighting, security, and energy management solutions, all controlled via the Neviweb app.

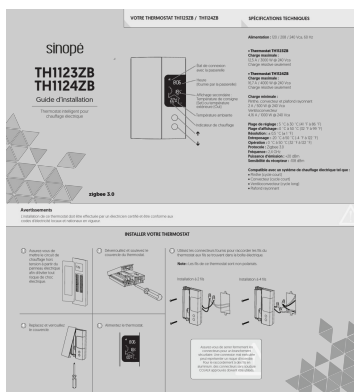


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TH1123ZB-G2 TH1124ZB-G2 Installation Guide Smart Thermostat for Electric Heating YOUR SMART THERMOSTAT FOR ELECTRIC HEATING TECHNICAL SPECIFICATIONS Operating voltage: 120 / 208 / 240 Vac, 60 Hz **TH1123ZB-G2** Thermostat Maximum load: 12.5 A / 3000 W 240 Vac 12.5 A / 1500 W 120 Vac Gateway co...

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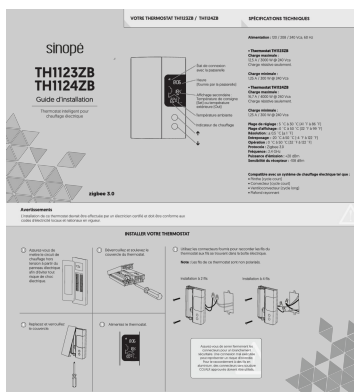


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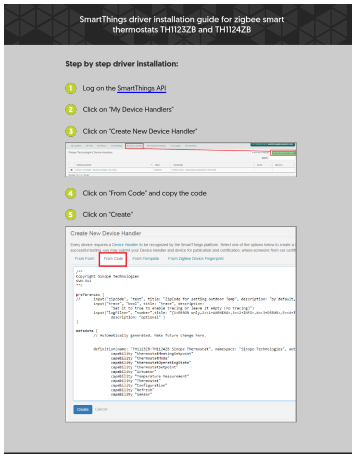
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SmartThings driver installation guide Sinope zigbee smart thermostat1 Step by step Sinopé Technologies

6 Click on Save and click Publish for Me 7 Connect to your phone app 8 Press the enable device

detection 9 Briefly press both buttons connect it gateway 10 Repeat each be connected 11 Done when

you have finished adding all devices thermostat sinopetech 2018 05 |||

SmartThings driver installation guide for zigbee smart thermostats **TH1123ZB** and

TH1124ZB Step by step driver installation: 1 Log on the SmartThings API 2 Click on

My Device Handlers 3 Click on Create New Device Handler 4 Click on From Code and

copy the code 5 Click on Create SmartThings dr...

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240 Vac 60 Hz Bilateral triode switch triac Maximum load 12 A 3000 W @ 1500 sinopetech 2023 01 |||

Smart Thermostat for Electric Heating **TH1123ZB** Electric baseboard Convactor short

cycle Fan-forced convector long cycle Radiant ceiling heating zigbee 3.0 FEATURES*

Backlit display Detects the connected load Lockable buttons Personalization of the

minimum and maximum temperatures available ...

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Thermostat intelligent pour chauffage électrique
Zigbee 3.0**TH1123ZB-G2**

Testé en conformité avec la norme CSA-C282-19
Conforme à la norme NMB-003

Caractéristiques

Type	- Thermostat intelligent - Communication TRIAC
Module transmetteur	IC : 5123A-GM20P
Communication	- Protocole : Zigbee 3.0 - Fréquence : 2.4 GHz - Puissance d'émission : < 20 dBm - Sensibilité de réception : < 100 dBm
Alimentation	DS1208(2)405 Volts 60 Hz
Puissance	- Charge maximale 100 A / 3000 W @ 240 Volts 100 A / 6000 W @ 100 Volts

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DESSIN D ATELIER Thermostat intelligent pour chauffage lectrique Zigbee 3.0

TH1123ZB-G2 Test en conformité avec la norme CSA-C282-19 Conforme la norme NMB-003 Caractéristiques Type Module transmetteur Communication Alimentation Puissance Thermostat intelligent Commutation TRIAC IC : 5123A-GM21...

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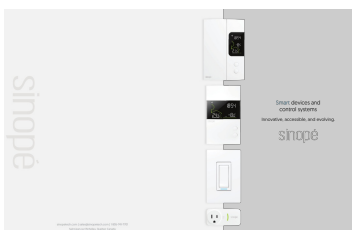
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[Sinopé Smart Home Devices & Control Systems | Neviweb App & Automation](#)

Explore Sinopé Technologies' innovative smart home devices, including thermostats, lighting, security, and energy management solutions, all controlled via the Neviweb app.

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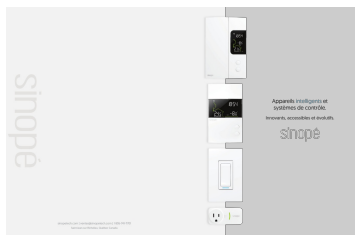
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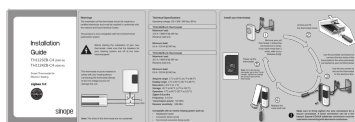


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