

# Installation Guide

TH1300RF

Floor heating thermostat  
Web programmable  
(3600 W)

sinopé

## Warnings

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



Since you are a valuable customer, before starting the installation of your new thermostat, please make sure that the breakers for your heating system are off at the main electrical panel!

## Technical specifications

Operating voltage: 120/208/240 Vac, 50/60 Hz

### TH1300RF Thermostat

#### Maximum load:

1800 W @ 120 V / 15 A

3120 W @ 208 V / 15 A

3600 W @ 240 V / 15 A

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

**Display range:** 0 °C to 70 °C (32 °F to 99 °F)

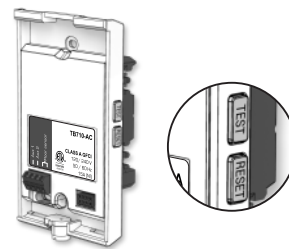
**Resolution:** ± 0,5 °C (± 1 °F)

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

**Auxiliary output:** 24 Vac/Vdc / 0.1 A

## Ground fault protection

The thermostat is equipped with a ground fault protection that can detect a current leakage of 5 mA. When a current leakage is detected the ground fault protection is triggered and quickly interrupts the power supply to prevent any serious injuries.



## Resetting the ground fault protection

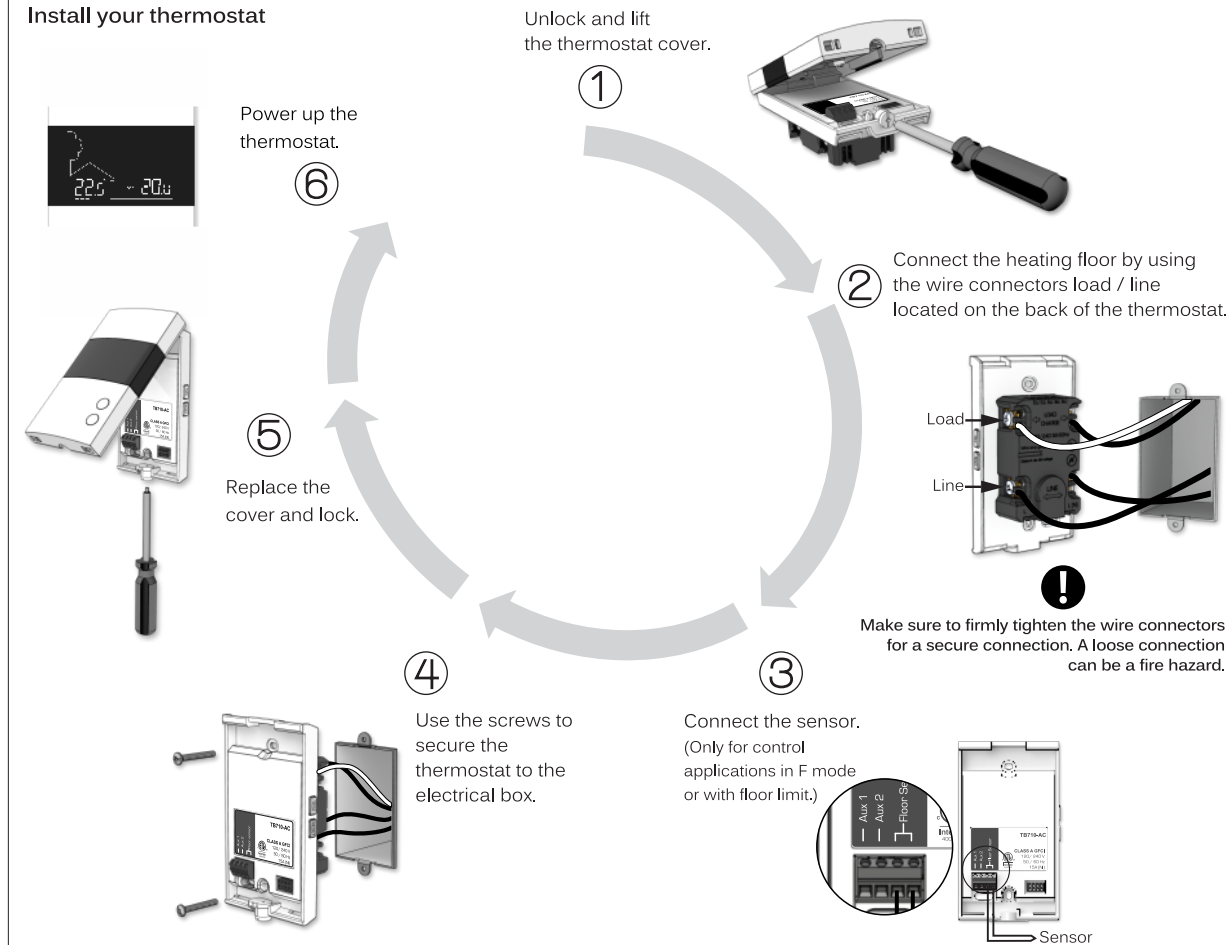
The RESET button warning light turns ON (red) when the ground fault protection is triggered. If the RESET button warning light turns ON during normal operation of the thermostat, simply press the RESET button to reset the ground fault protection. The light will turn OFF. If for any reason this situation occurs again, cut the power to the heating system from the main electrical panel and ask a qualified electrician to verify the installation.

## Testing the ground fault protection

This thermostat has an Auto Test which verifies periodically the correct operation of the protection circuit. You can also do this manually:

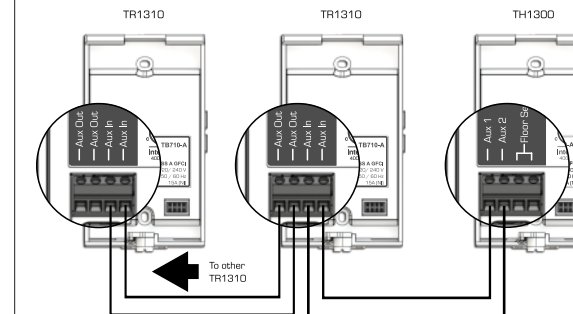
- 1) Press the TEST button. If the RESET button's, red warning light does not turn ON, the test has failed. Cut the power to the heating system from the main electrical panel and ask a qualified electrician to verify the installation.
- 2) Press the RESET button to restart the thermostat's base. This test should be performed on a monthly basis to ensure proper operation of the ground fault protection.

## Install your thermostat



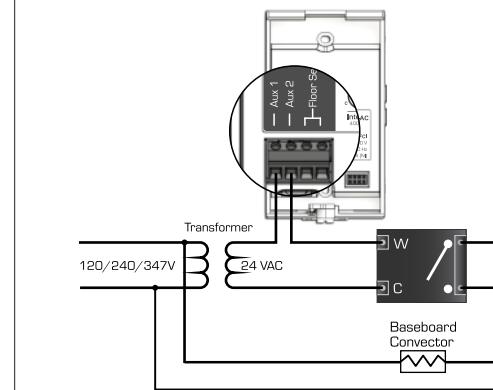
## Connect an expansion unit (TR1310)

It is possible to connect up to 10 expansion units to the same device.




## Connect the auxiliary output

Second heating stage





## Link your thermostat to your Web interface

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Initiate the connectivity session by pressing once on the  button of the GT125. (Do not hold the button down.)

Wait until the light flashes green, indicating that new devices can be added to your network.

Connect to your network the thermostat that is closest to the GT125 by pressing simultaneously once on the  and  buttons.

On the thermostat display:



Flashes = Connecting  
Remains lit = Connected


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If the connectivity fails, an error message will appear on the display. Refer to our website to troubleshoot the unit.

## User settings

All of the thermostat's settings can be set through your neviweb® account. However, if you have not created your wireless network 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 to exit the menu.



## The thermostat offers 2 temperature regulation modes:

**F Mode:** Regulates the floor's temperature by means of an external temperature sensor with the possibility to limit ambient temperature.

**A Mode:** Regulates the ambient temperature with the possibility to limit floor temperature by means of an external temperature sensor.

## 1) Assigning the auxiliary output (F Mode):

The thermostat provides an auxiliary output that has two functions which are set from the user settings.

**OFF Function:** Auxiliary output disabled.

**Slave Function:** Auxiliary output for connecting several heating floors (TR1310 sold separately).

## Assigning the auxiliary output (A Mode):

The thermostat provides an auxiliary output that has four functions which are set from the user settings.

**OFF Function:** Auxiliary output disabled

**Shrt Function:** Short cycle auxiliary output (15 seconds). Used for a heater controlled through an electronic relay (SSR).

**Long Function:** Long cycle auxiliary output (15 minutes). Used for a heater controlled through an electromechanical relay or equipped with a fan.

**Slave Function:** Auxiliary output for connecting several heating floors (TR1310 sold separately).

In A mode the thermostat controls the ambient temperature with the floor. Once the floor temperature has reached its limit, if the desired ambient temperature is not reached, the auxiliary output activates the heating device to reach the set temperature. (The auxiliary output acts as a second heating stage.)

## 2) Maximum floor temperature limit (A Mode)

The thermostat limits floor heating to the set temperature to ensure it does not exceed the selected limit. Ideal for protecting engineered wood floors. (Verify with your flooring manufacturer to determine heat limit.)

## 3) Load power

The thermostat is equipped with a sensor that can read the load in watts connected to the thermostat.

## Parameters which can be modified on the device directly:

#	Name	Parameters & settings	Display
2	Control	<b>Control mode</b> A (Air), F (Floor) (default F)	F
3	Aux	<b>Assignment of auxiliary output</b> Off, Shrt, Long, Slave (default OFF) (1)*	OFF
7	Max Floor	<b>Maximum floor temperature</b> 5 to 30 °C (default OFF) (2)*	OFF
9	Sens	<b>Floor sensor</b> 10K or 12K (default 10K)	10
11	Load	<b>Load power</b> 0 W to 3600 W (3)*	1500

\* Refer to the previous pages for more information on these parameters.

For more parameters, go to [www.neviweb.com](http://www.neviweb.com)




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## Add your network to neviweb®

If you already have a neviweb® account, your thermostat has been automatically integrated into your account. If you do not have an account yet, visit [neviweb.com](http://neviweb.com) to open an account and add your network. To do so, use the installation guide of your GT125.



When all the thermostats are connected, press again once on the  button of the GT125 to close the connectivity session.



For more information, visit our website at: [www.sinopetech.com](http://www.sinopetech.com)

## 3-year limited warranty

SINOPÉ 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 subjected to misuse or accidental damage. 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.

Transmitter Module IC: 7693A-89XAM9A / FCC ID: OA3MRF89XAM9A

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.

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For more information, visit our website at:  
[www.sinopetech.com](http://www.sinopetech.com)

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