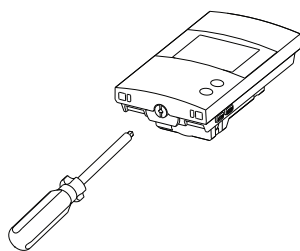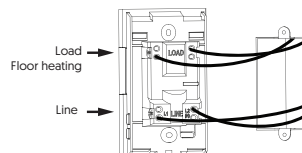# OTH3600-GA-V2

Installation Guide

Non-Programmable Thermostat fo Floor Heating System
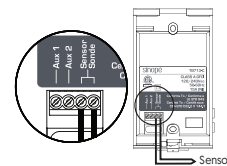
INSTALL YOUR THERMOSTAT

1 Unlock and lift the thermostat cover.

2 Connect the heating floor by using the load / line wire connectors located on the back of the thermostat. Connect the ground wire to the screw in the electrical box intended for this purpose.
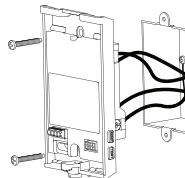
Load Floor heating

Line

3 Connect the sensor. (Only for control applications in F mode or with floor limit.)
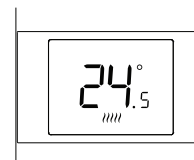
Sensor

4 Use the screws to secure the thermostat to the electrical box.
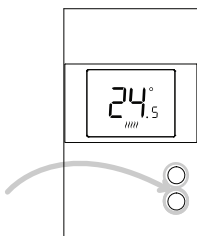
Replace the cover and lock.

5 Power up the thermostat.
After performing a test sequence, the thermostat should display the floor temperature. If not, refer to the troubleshooting guide in this manual.

USER SETTINGS
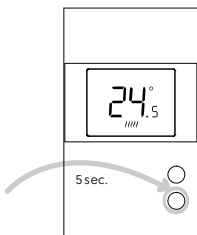
Increasing or lowering the temperature
To adjust the temperature, press ↓ or ↑ . The requested temperature will blink to confirm the new setpoint.

USER SETTINGS
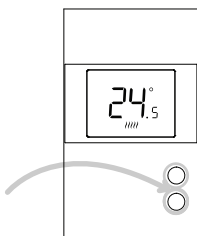
Get the setpoint to its minimum and hold the ↓ button for 5 seconds to access the menu.

Press the ↓ or ↑ button to change the setting.

5 sec.

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.

Settings which can be modified directly on the device:

#	Display	Parameters & settings
1	Temp	**Temperature format** °C or °F (Default: °C)
2	Backlight	**Backlight control** ON or OFF – (Default: ON) ON (backlight always active) OFF (will only turn on when a button is pressed)
3	Control	**Control mode** (Mode not displayed when the ambient temperature is visible on the main screen.) A (Air), F (Floor) (Default: F)
4	Setpoint Min	**Minimum setpoint** 5 °C to 36 °C (Default: 5 °C)
5	Setpoint Max	**Maximum setpoint** 5 °C to 36 °C (Default: 36 °C) 36 °C in Floor mode (Default: 36 °C) 30 °C in Air mode (Default: 30 °C)
6	Limit Air Max	**Maximum ambient temperature limit** (Only visible in F mode) 5 °C to 36 °C (Default: OFF)
7	Limit Floor Max	**Maximum floor temperature limit** (Only visible in A mode) 5 °C to 36 °C (Default: OFF)
8	Limit Floor Min	**Minimum floor temperature limit** (Only visible in A mode) 5 °C to 36 °C (Default: OFF)
9	Sensor	**Floor sensor** 10K or 12K (Default: 10K)

3) The thermostat offers 2 temperature regulation modes:

F mode (default): Regulates the floor temperature by means of an external temperature sensor with the possibility to limit ambient temperature.

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

6) Maximum limit of the ambient temperature (F mode)
Thermostat limits floor heating so as not to exceed the set ambient temperature limit

7) 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.

8) Minimum floor temperature limit (A mode)
The thermostat limits the minimum temperature of the floor in order to keep it at a comfortable temperature.
This parameter can only be used when a floor sensor is connected to the thermostat.

TROUBLESHOOTING GUIDE
What should I do if the E1F code appears on my thermostat's display?
The E1F code means that the thermostat is in "Floor" mode and there is no connected sensor. If your thermostat is not intended to control a heated floor, change the thermostat's control mode for the "A mode".

When installing your floor heating system: add a second sensor in the floor and store the tip in the thermostat housing. This additional sensor can be plugged in and used as a replacement without haltering your floor heating system.

Sensor

OFF MODE

To put the thermostat in OFF mode, hold the ↑ and ↓ buttons for 5 seconds.

To exit the OFF mode, hold the ↑ and ↓ buttons for 5 seconds or raise/lower the setpoint.

Hold for 5 sec.

CONNECT AN EXPANSION UNIT (TR1310)

It is possible to connect up to 10 expansion units to the same device. (EXP function)

TR1310   TR1310   OTH3600-GA-V2

Vers d'autres TR1310

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 periodically verifies 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.

RESET

TEST

TECHNICAL SPECIFICATIONS

Operating voltage: 120/208/240 Vac, 50/60 Hz
Maximum load:
1800 W @ 120 V / 15 A
3120 W @ 208 V / 15 A
3600 W @ 240 V / 15 A
Setpoint range: 41 °F to 97 °F (5 °C to 36 °C)
Ambient setpoint range: 41 °F to 86 °F (5 °C to 30 °C)
Display range: 32 °F to 122 °F (0 °C to 50 °C)
Resolution: ± 1 °F (± 0.5 °C)
Storage: -4 °F to 122 °F (-20 °C to 50 °C)
Auxiliary output: 24 Vac/Vdc / 0.1 A
GFCI protection: Class A (5mA)

CUSTOMER SERVICE
If you have any questions about this product, please contact our technical support team:

Ouellet Canada inc.: 1 800 463-7043 • info@ouellet.com
www.ouellet.com

Momento: 1 800 463-7043 • www.momentoconfort.com
Global Commander: 1 855 247-5596 • www.globalcommander.ca
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