

avidsen

2
YEARS

WARRANTY



HomeTemp Battery WIRED SMART WIFI THERMOSTAT

for boilers
Ref.127080



www.avidsen.com

A - SAFETY INSTRUCTIONS

1 - OPERATING PRECAUTIONS

Key features:

- Weekly programming via the Avidsen Home app and on the thermostat.
- Operating temperature range: 0°C ~ 45°C
- Adjustable temperature range: 5°C ~ 35°C (in increments of 0.5° C)
- Temperature sensor: NTC
- Precision of temperature measurements: $\pm 1^\circ \text{C}$
- Power supply: 3 AAA batteries or DC-5V USB-C
- Switchable current: 2 A
- Compatible only with the 2.4 GHz WiFi network

Before the device is permanently installed, make sure it is within WiFi range of your router. If it is installed outside WiFi range, you should install a WiFi repeater to boost the signal.

IMPORTANT: This device is compatible with 2.4 GHz – WPA/WPA2 WiFi networks, not compatible with 5 GHz WiFi, not compatible with WEP encryption. Please check the WiFi settings of your router or contact your Internet service provider if you experience connection difficulties.

IMPORTANT: These instructions should be read carefully prior to installation. If you experience any problems, our Technical support technicians are at your service to provide you with any information you may need.

2 - WARNING

This product was designed to control a boiler (gas, heating oil, irreversible Heat Pump). Any other use of the device is not covered by the warranty or technical support. Avidsen cannot be held liable for any use that does not comply with the instructions in this manual and causes damage.

Children should be supervised to make sure that they do not play with the device.

Do not install near acidic chemicals, ammonia or sources of toxic gases.

Do not install in cases of extreme humidity, temperatures, corrosion risk or dust.

Do not plug the device into a multi-socket plug adapter or extension cord.

Do not install near other electronic devices such as computers, televisions or video recorders.

WARNING: any connection error may cause damage to the device and void the warranty.

3 - MAINTENANCE AND CLEANING

The outer case can be cleaned periodically.

- Switch off the circuit breaker before working on the product.
- Do not use abrasive substances, substances containing alcohol, thinners or other flammable substances.
- Do not spray any products directly onto the unit.

4 - RECYCLING

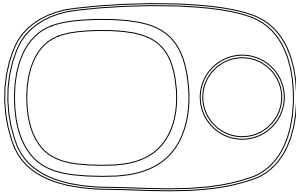


This symbol means that devices no longer in use should not be disposed of with household waste. The hazardous substances they may contain can be harmful to health and the environment.

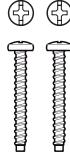
Return the equipment to your local distributor or use the recycling collection service provided by your local council.



1 - KIT CONTENTS



1 x1



2 x2

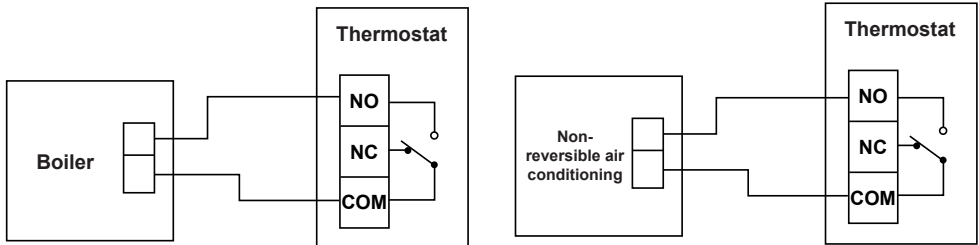
1	1 smart thermostat
2	2 mounting screws

C - INSTALLATION

1 - WIRING AND MOUNTING

CAUTION: before beginning this step, make sure the power supply has been cut. When in doubt, please contact a professional to complete the installation.

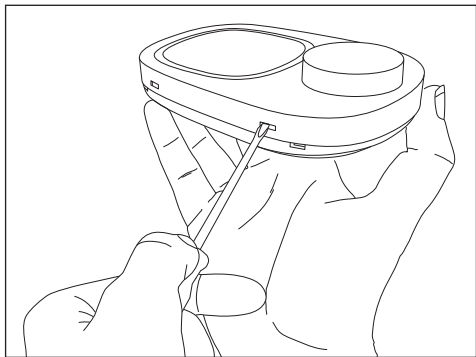
Wiring diagram based on the type of installation. Refer to the manual for your heating equipment.



Connect the cables using an electrician's screwdriver. Depending on your type of installation, please refer to the diagrams above.

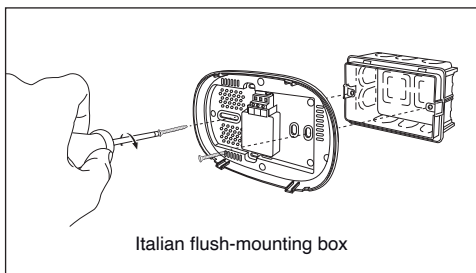
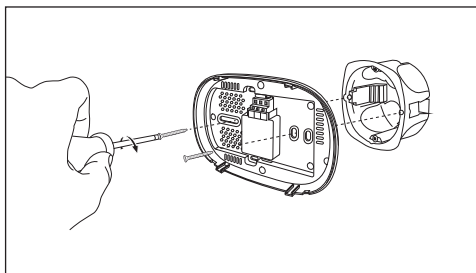
C - INSTALLATION

Open the thermostat using a flat-head screwdriver.

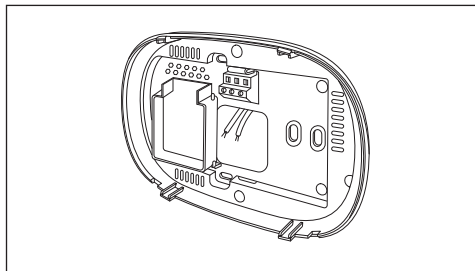
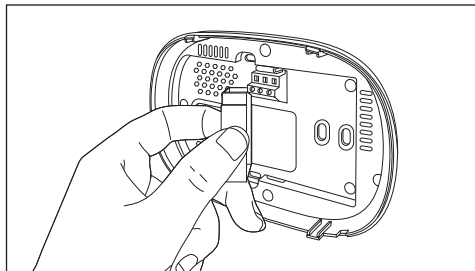


Secure the back of the thermostat to the flush-mounting box using the screws supplied. Route the cables from the device to be controlled through the space provided for this purpose.

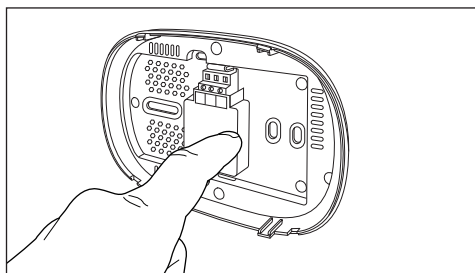
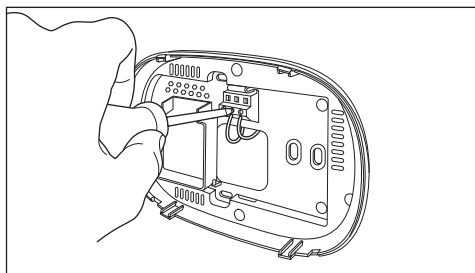
Note: Make sure to install the thermostat in a clear space above and below the thermostat. You will need to be able to unclip the front panel in order to replace its batteries.



wires to the boiler. Route the connecting wires.



Make the connections and close the access panel.



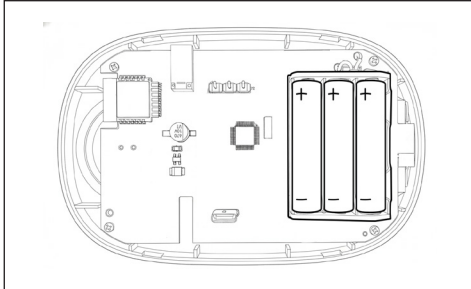
Open the rear access panel to run the connecting

2 - POWER SUPPLY

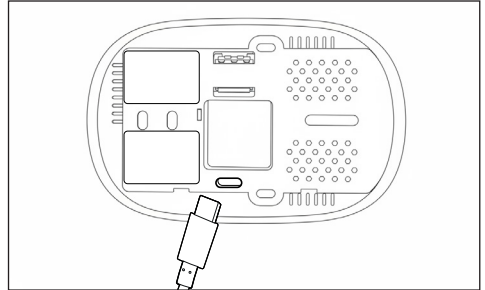
This thermostat can be powered in two ways

- Battery power supply**

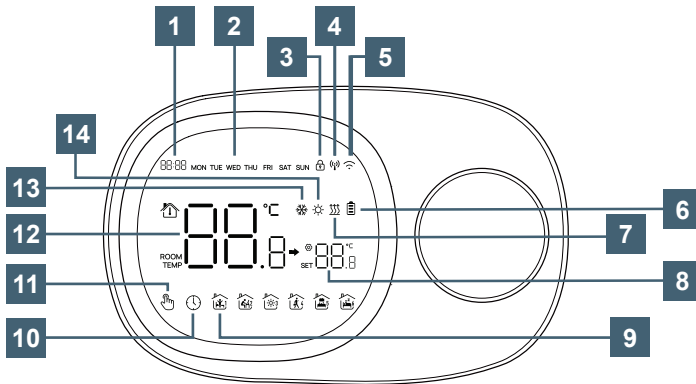
Insert 3 AAA batteries (not included) into the battery compartment at the back of the thermostat.



- Power supply via USB-C cable, 5 V 500 mA**



3 - DESCRIPTION



1	Clock
2	Week
3	Child safety
4	Not used
5	WiFi status
6	battery status
7	heating status

8	Setpoint temperature
9	Current time of day
10	Automatic mode
11	Manual mode
12	Temperature recorded
13	Air conditioning mode
14	Heating mode

4 - SETTINGS

4.1 - HOME SCREEN

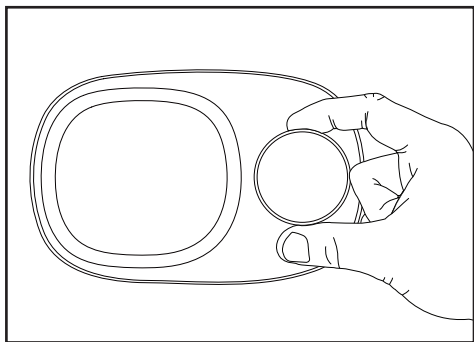
There are two possible options on the home screen:

- Turn the dial to the right or left to change the setpoint temperature.
 - Press the dial to change the operating mode.
- Press and hold the dial to access the thermostat settings.

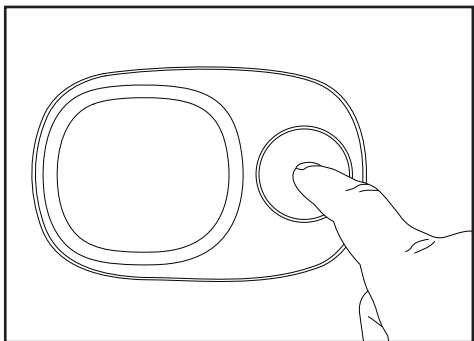
4.2 - MENUS AND PRODUCT SETTINGS

Press the dial to access the product settings menus.

To browse through the menus and change the settings, turn the dial.



Then press the dial to access the sub-menus.



4.3 - SETPOINT TEMPERATURE SETTING

Rotate the screen to scroll through the setpoint temperature. You can adjust the temperature from 5°C to 35°C.

4.4 - OPERATING MODE

Press the dial to scroll through the operating modes.

- Manual
- Programming
- Off

The thermostat is programmed as follows by default:

Period	Icon	Default period start	Default temperature
1		06:00	20°C
2		08:00	16°C
3		11:30	16°C
4		12:30	16°C
5		17:00	22°C
6		22:00	16°C

4.5 - OPERATING MODE

Press and hold the rotary dial for 5 seconds to access the settings.
Press the rotary dial once to confirm or cancel the setting.

Number	Function			
NE _r	Activate/deactivate WiFi			
Mo _d	Change heating/air conditioning mode			
CL _o	Date and time setting			
Pr _o	Time slot programming			
SE _r	Thermostat settings			
	No.	Function	Default value	Adjustment range
	1	Temperature sensor calibration	0°	-9°C to 9°C
	2	Difference between setpoint temperature and measured temperature for relay switching	1°	-0.5°C to 10°C
	3	Activating frost protection mode	ON	ON/OFF
	4	Maximum setpoint temperature	35°C	+15°C to +35°C
	5	Reset settings	-	Press and hold the dial for 3 seconds to confirm reset

4.6 CHILD SAFETY

Double click the rotary dial to activate child safety.
Double click the rotary dial to deactivate child safety.

5 - BACKLIGHTING

When the device is battery-powered, backlighting comes on as soon as the user presses the dial. It remains on for 6 seconds after the last press.

D - CONNECTION

This product only works with a 2.4 Ghz frequency. During pairing, make sure your smartphone is connected on that specific frequency. If you are not sure, check with your Internet service provider.

1 - INSTALLING THE MOBILE APP AND CREATING AN ACCOUNT

Once the thermostat is connected, follow the instructions below to pair it.

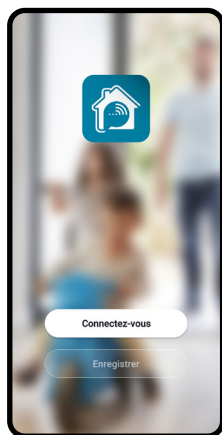
Download the Avidsen Home app from the Android Play Store or Apple App Store.



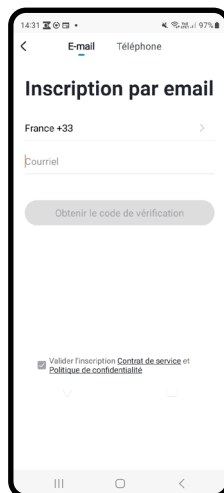
AvidsenHome



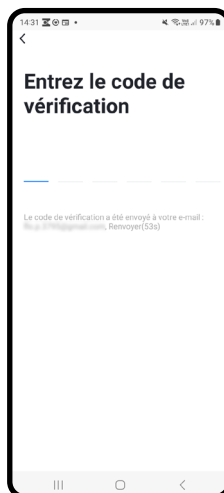
Launch the app and log in if you already have an account. If not, press “**CRÉER UN NOUVEAU COMPTE**” (CREATE A NEW ACCOUNT) and let the application guide you.



After accepting the privacy policy, create an account with an **email address**.



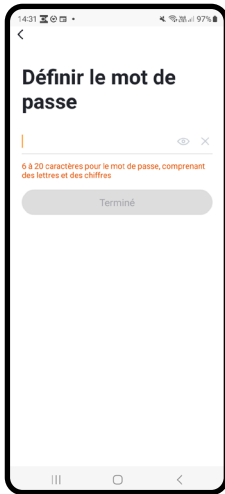
Once you have entered all the information, click on the “**OBTENIR LE CODE DE VÉRIFICATION**” (Get verification code) button.



In a few seconds, you will receive a confirmation code in your email inbox. Enter this code to finalise registration.

PLEASE NOTE: this email may go into your spam folder.

If you do not receive a code before the countdown has ended, press **“RENOYER” (RESEND)** and check the email address entered.



To complete your registration, set a password between 6 and 20 characters long with letters and numbers only. Then press **“TERMINÉ”** (Finished).

2 - CONNECTING THE THERMOSTAT

If you have more than one item to pair (plugs, cameras, thermostat, others), switch on only one item at a time.

The following information may vary depending on app updates.

IMPORTANT: This device is compatible with 2.4 GHz – WPA2/WPA3 and WPA2/WPA3-Personal WiFi networks. Not compatible with 5 GHz WiFi, not compatible with WEP and mixed WPA (WPA/WPA2) and WPA3-Personal encryption.

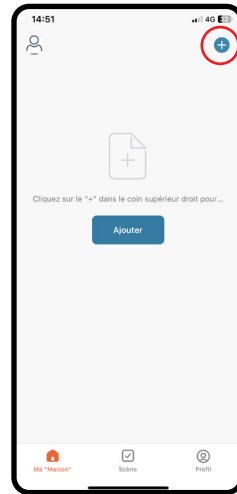
Check the WiFi settings of your router or contact your Internet service provider if you experience connection difficulties.

A message may also appear during installation indicating that the WiFi password and SSID are too long. Make sure your router SSID and password are fewer than 20 characters long.

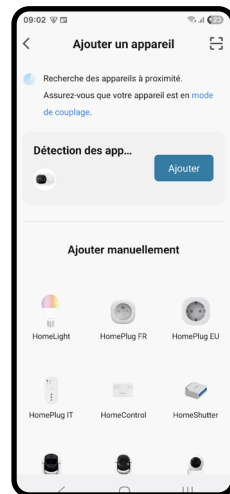
2.1 - BLUETOOTH CONNECTION

To complete this stage, your smartphone's Bluetooth must be activated.

The thermostat is equipped with Bluetooth for faster pairing; plug in the thermostat and press **“AJOUTER”** (Add).



The application automatically detects new products.

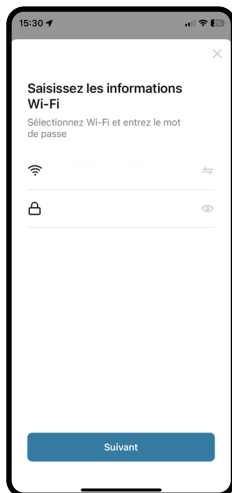


If not, go to the thermostat settings, select the **PER** icon and press the dial once to enable the thermostat's WiFi.

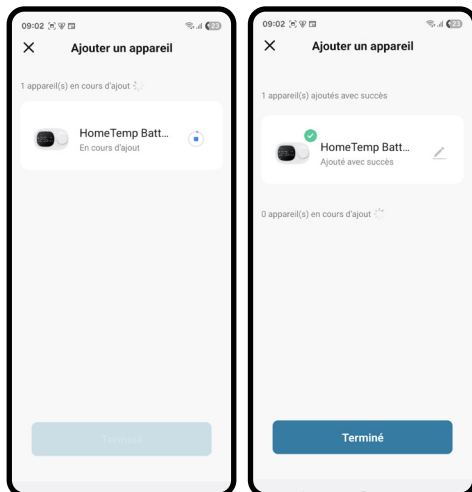
D - CONNECTION

When the WiFi light on the screen flashes slowly, you can start the pairing process on your smartphone

Select your 2.4 GHz WiFi network (note: your smartphone must be connected to the WiFi network that your thermostat will use), enter your network password and press **"SUIVANT"** (Next).



Wait while the pairing procedure takes place. This can take a few minutes.



Once the addition is complete, click on the **"TERMINÉ"** (Finished) button.

1 - USE VIA THE APPLICATION

To start, select your thermostat on the app's home page.

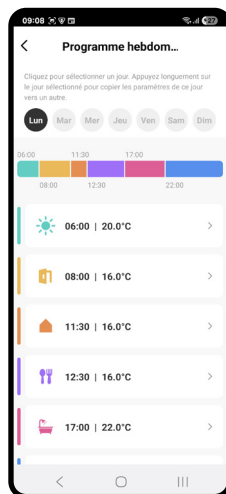
The thermostat's page consolidates the information and available actions.



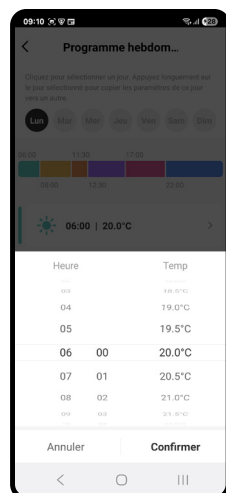
1	ON/OFF button
2	Mode selection (auto, manual)
3	Child safety
4	Settings
5	Setpoint temperature
6	Ambient temperature
7	Temperature settings
8	Changing the product name, device information, scenario and voice assistants

1.1 - WEEKLY PROGRAMMING

Press the weekly programming button. The below screen appears.



Select the day of the week you wish to programme. Select a period. The below screen appears.

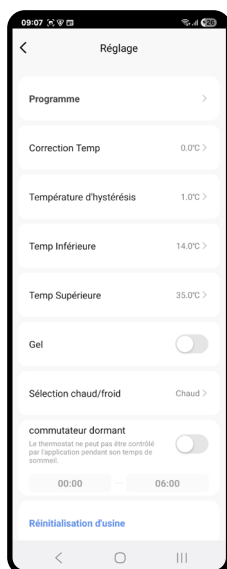


This page lets you define:

- the time when the new temperature setpoint will take effect.
- the desired temperature.

1.2 - SETTINGS

- The heating range.
- Make an adjustment to the measured temperature.
- Adjust the dead zone or hysteresis temperature: Zone around the setpoint temperature where the thermostat will not change state.
- The high protection temperature.
- The low protection temperature.
- Operation in heating or air conditioning mode
- Sleep switch: When active, the thermostat cannot be controlled via the app whilst in sleep mode. Ideal for extending battery life.



1.3 - VOICE ASSISTANT COMPATIBILITY

Your new smart thermostat is compatible with both Google Home and Alexa voice assistants. Refer to your voice assistant's instructions to connect your thermostat.

PLEASE NOTE: the name you give your Avidsen Home devices is the one that will be recognised by Google Assistant and Alexa. For example: if you have a thermostat named "kitchen thermostat", "Ok Google, lower the temperature on the kitchen thermostat by 1°C" will work, "Ok Google, lower the temperature by 1°C" may not trigger anything.

Once connected, you can:

- turn the thermostat on and off:
 - "Alexa, turn on the thermostat"
 - "OK Google, turn off the thermostat"
- ask the assistant to increase the temperature:
 - "Alexa, increase the thermostat temperature by 1°C"
 - "Ok Google, lower the thermostat temperature by 1°C"
- ask the assistant to set a temperature:
 - "Alexa, set the thermostat temperature to 20°C"
 - "OK Google, set the thermostat temperature to 20°C"

1 - TECHNICAL CHARACTERISTICS

Radio protocol	Bluetooth, BLE, 2400-2483.5 MHz, Max EIRP 20.0 dBm WiFi, IEEE 802.11 – 2.4 GHz, b/g/n Adaptive, 2400–2483.5 MHz, Max EIRP 20.0 dBm
Use	Indoor
Temperature settings	5 - 35°C
Operating T°	0°C / +40°C
Storage T°	0°C / +50°C
Power supply	3x AAA or 5 VDC, 500 mA USB-C
Dimensions and weight	Dimensions: 86 (H) x 133 (W) x 30 (D) mm Weight: 155 g
Maximum contact current	2 A (dry contact)
Standby consumption	<2 W

2 - WARRANTY

This product is guaranteed for parts and labour for 2 years from the date of purchase. Proof of purchase must be retained for the duration of the warranty period.
The warranty does not cover damage caused by impacts or accidents.

3 - HELP AND ADVICE

- If, despite the care we have taken in designing our products and drafting these instructions, you encounter difficulties when installing your product or you have any questions, we strongly recommend that you contact one of our specialists who will be glad to help.
- If you have any operating problems during or shortly after the installation, please ensure you are next to your installation when contacting us, so that one of our technicians can diagnose the source of the problem, as this is often caused by an incorrect setting or an installation that is not to specification. If the problem is caused by the product itself, the technician will give you an RMA number so that you can return the unit to the shop.

Without this RMA number, the shop may refuse to exchange your product.



If you have any problems, check out our tutorials and videos at
www.avidsen.com/fr/assistance/tutoriel-sav

4 - EU DECLARATION OF CONFORMITY

with the RED directive

Avidsen declares that the above product complies with the RED 2014/53/EU directive. Its compliance has been assessed pursuant to the applicable standards in force:

EN IEC 62311: 2020
EN IEC 62368-1:2020+A11:2020
EN 55032:2015+A1:2020
EN IEC 61000-3-2:2019+A1:2021
EN 61000-3-3:2013+A2:2021
EN 55035:2017+A11:2020
ETSI EN 301 489-1 V2.2.3: 2019
ETSI EN 301 489-3 V2.3.2: 2023
ETSI EN 301 489-17 V3.2.4:2020
ETSI EN 300 328 V2.2.2: 2019
ETSI EN 300 220-1 V3.1.1: 2017-02
ETSI EN 300 220-2 V3.2.1:2019-06
EN 18031-1:2024

Tours, 04/06/2026

Alexandre Chaverot, CEO





avidsen

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