SMART WARMTH

ECOLOGICAL HEATING COMFORT FOR YOUR HOME

SMART WARMTH connects to the electronic thermostat located on the back of radiators via Bluetooth or via Wi-Fi with authentication to the home router for remote control.

SMART WARMTH makes your life easier: in a single app you can view and manage all the radiators in your home.

Sign in and discover all the services dedicated to you!

The App is available for iOS and Android devices.

Download your version for free!

Apple Store | Google Play Store

Scarica su App Store

DISPONIBILE SU Google Play

1

Open the Apple Store or Google Play Store from your device **and download the free SMART WARMTH App.**

Otherwise, scan the QR code, opposite, with your device and download the App.

N.B. ***Minimum requirements*** *for iOS version 13.4 and later, for Android version 5.0 and later.*
The App is not compatible with the *Huawei device* ***operating systems.***

2.

From the login screen**, set the language** for the App by clicking on the button in the top right.

The default language setting is English.

3.

Sign in to the App and discover all the services dedicated to you!

For first-time access, **register.**

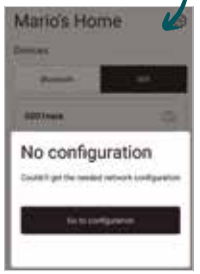
To register, you must create an account with e-mail and password.

... otherwise, **log in**.

The e-mail address must be valid, otherwise it will not be possible to recover the login information if it is lost.

4

After the first login, a screen will appear to **configure the WiFi network,** connecting to the building's router.



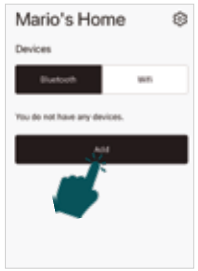
Select the WiFi network you use to connect with your device, enter the password, and connect.

REMINDER. *When you log out, you will lose the WiFi setting and as a result when you enter the App again, the WiFi will not work. It will be necessary to reset it.*

5

Connect via Bluetooth or WiFi.

IMPORTANT.
When accessing for the first time, Bluetooth activation is required for Bluetooth associations and WiFi and location (GPS) activation is required for WiFi associations.



USEFUL TIP.
Bluetooth and WiFi permissions should be given by choosing "while using the app," so that you don't have to repeat the permission each time.

What is the difference between using Bluetooth or WiFi to connect?

Bluetooth is a short-range technology, generally 10 metres, *that allows direct connection between the device and the radiator. It is possible to control the radiator locally.*
The WiFi connection uses the home network *and allows the radiator to be controlled remotely as well. It is possible to control the radiator remotely.*

The choice is yours, depending on the type of connection you prefer to use!

N.B. ***Connection via Bluetooth:*** *the* ***thermostat cannot be operated by two devices at the same time.*** *You must disconnect the associated device before connecting another one.*
To disconnect, you need to ***log out.***

Connection via WiFi: *If you try to connect two devices, one in Bluetooth and one in WiFi, the thermostat will always give priority to the WiFi connection.*

6

Follow the step-by-step directions to associate the App with the radiator.

N.B. *The blue flashing light near the connection button indicates active Bluetooth data traffic. In fact, whenever the thermostat receives a Bluetooth command, it is signaled both by the blue LED and a beep.*

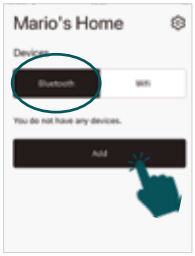
7

Before pairing the radiator with the App, press the connect button on the radiator electronics and make sure the indicator light is green.

8 Connection **via Bluetooth**

The connection procedure via Bluetooth is the same for iOS and Android devices.

***REMINDER.**. When first logging in, Bluetooth activation is required for Bluetooth associations.*



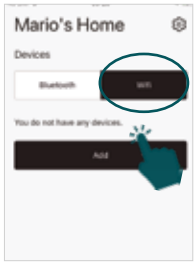
Click on the **Add** button.

When pairing the radiator to the Bluethooth connection, follow the directions, step by step.

It registers the radiator with a unique and easily identifiable name; this is because by default, all radiators are identified with the name "One" in the Bluetooth connection.
In case more than one radiator is installed in the same house, the unique name will allow you to find the radiator you want to control, more quickly.

9. Connection **via WiFi**

***REMINDER.**. When logging in for the first time, WiFi activation is required together with location (GPS) for WiFi pairings.*

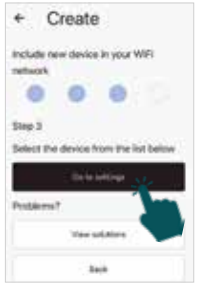


Click on the **Add** button.

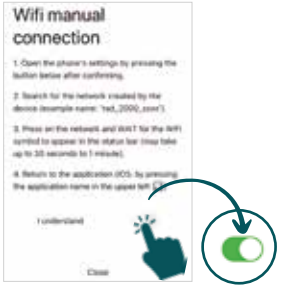
When pairing the radiator to the WiFi for the first time, follow the directions.

After the second step, the connection procedure is different for iOS and Android devices.

STEP with iOS



Click on the **Go to settings** button.



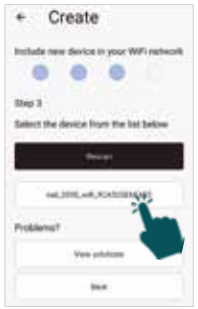
After reading the instructions, **give consent to continue**.

In Settings/ WiFi select the *rad_2000_xxxx* network generated by the radiator electronics.

Wait until the WiFi symbol appears at the top of your device.

STEP with Android

Click on the **Rescan** button.



Next, click on the device's WiFi network.

After reading the instructions, **give consent to continue**.

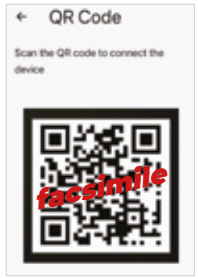
IMPORTANT.
If no network is displayed after clicking the Rescan button, a manual procedure of verifying the existence of the "rad_2000_wifi_xxxx network" by entering the WiFi of the Android device is recommended.

iOS Android

IMPORTANT.
If the network "rad_2000_wifi_xxxx" is not displayed in the WiFi section of the device, you need to reset the electronics *and wait for the network to be displayed in the WiFi section.*
This process can be repeated several times, ***until the network "rad_2000_wifi_xxxx"*** *can beviewed in the WiFi section of the device.*

N.B. *For Android devices only, first click on Rescan and then when the network "rad_2000_wifi_xxxx" is displayed, click on this latter.*

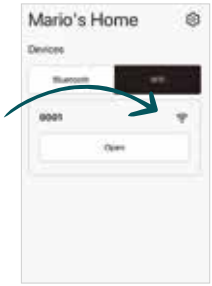
iOS Android



Scan the QR code present on the radiator.

It registers the radiator with a unique, easily identifiable name; this is because all radiators are identified with the name "0001" in the WiFi connection by default. If more than one radiator is installed in the same house, the unique name will allow you to find the radiator you want to control, more quickly.

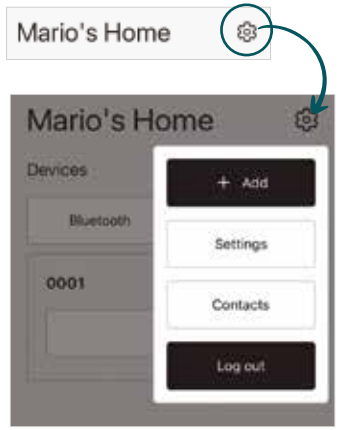
To reset the radiator electronics, press and hold the connection button for at least 15 seconds until the LEDs flash white.



Check for the presence of the "online" symbol.

In case the symbol of a cloud with bar appears, as shown in the figure opposite, it is recommended to repeat the WiFi connection procedure, starting with an electronics reset.

At the top right, there is always a ***settings menu*** *for adding new connections, reviewing network settings, and changing language, contacting us for assistance, and logging out.*



10. Connect all the radiators in your home, repeating the previous steps from step 6, and find out what you can do to manage your home comfort when and where you want.

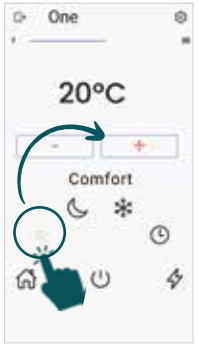
Available functions

Standby
(steady green LED)

In Standby mode, the radiator is off and not heating.

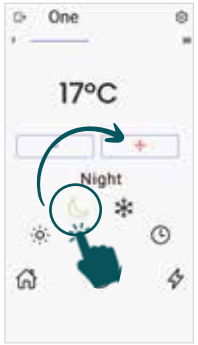
Pilot wire
(green LED flashing)

IT IS a special communication protocol that allows the radiator to be managed by a special control unit.



Comfort
(steady red LED)

In Comfort mode, the desired temperature can be set with the PLUS and MINUS keys. The model remains on until the set temperature is reached.
The selected temperature is also used for the 2 free slots (see Chrono mode function opposite) as the comfort temperature level.

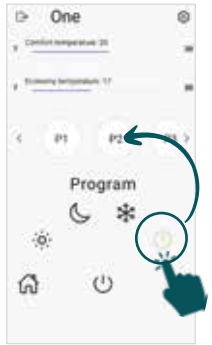


Night
(steady blue LED)

In Night mode, the desired temperature can be set with the PLUS and MINUS keys.
This temperature is independent of the temperaturein Comfort mode.
The selected temperature is also used for the 2 free slots (see Chrono mode function opposite) as the night temperature level.

Anti freeze
(blue LED flashing)

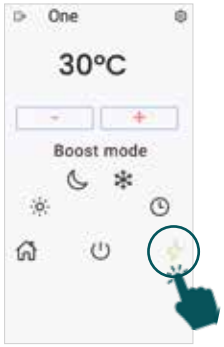
This mode prevents the room temperature from falling below 7°C.
This value is preset and cannot be changed by the user.



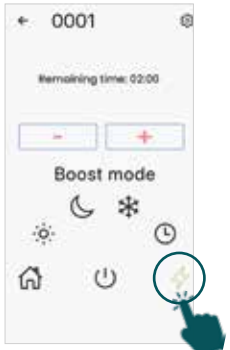
Program
(green LED flashing)

This operating mode allows you to program the operation of the radiator 24/24h and 7/7g.
The thermostat adjusts the temperature following the selected daily schedule, using the Comfort or Night temperature set and visible on the screen.

N.B. ***To program the 2 free slots of the thermostat (P8 and P9), see the Chrono mode function opposite.***



Bluetooth screen



Wi-Fi screen

Boost mode
(flashing red LED)

Boost mode is used to heat the room quickly: the radiator is preset to run at full power for 2 hours at 30°C.
At the end of the 2 hours it automatically stops and returns to the previously defined operating mode.
If necessary, the user can return to other modes at any time, simply by selecting the one required.

When you are in the radiator functions section, from the top right menu you do not access the settings menu, you access the additional functions.

1. *Chrono mode* *(steady white LED)*

The thermostat has 7 preset programs and 2 programs (P8 and P9) that can be customized by the user via the Chrono mode function.

Below is a screenshot of one of the two programmable slots, with directions on how to program it.

Day of the week
Select the day of the week you want and it will be colored blue.

Time slots
Each slot corresponds to a time slot:
- 0:00 to 6:00,
- 6:00 to 12:00,
- 12:00 to 18:00,
- 18:00 to 24:00,

Each square corresponds to one hour. The lilac squares correspond to the set temperature of the Night function, while the green squares correspond to the set temperature in the Comfort function.

2. *Adaptative Starting Control (ASC)*

This function applies to the Chrono function. It is used to bring the start up of the heating element forward more than expected to increase comfort and at the same time reduce overall energy consumption.

3. *Window opening detection*

This function can detect if there are open windows and if so, it turns off the heating element for 30 minutes.

4. *ECO*

This function can be activated in Comfort, Night, Chrono and Boost modes.
The thermostat will operate normally, but the temperature reached will always be 3°C lower than the temperature displayed before activating the function, although it still cannot get lower than 7°C.

If you have any issues, remember that the settings menu is in the top right corner to contact us.

... otherwise, you can send us an email to **help@ridea.it,** specifying App in the subject line of the email.

What are you waiting for?

Scan the QR code and download the App

App Store Google Play