



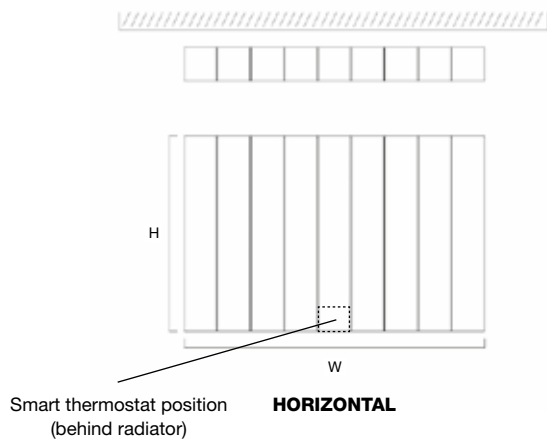
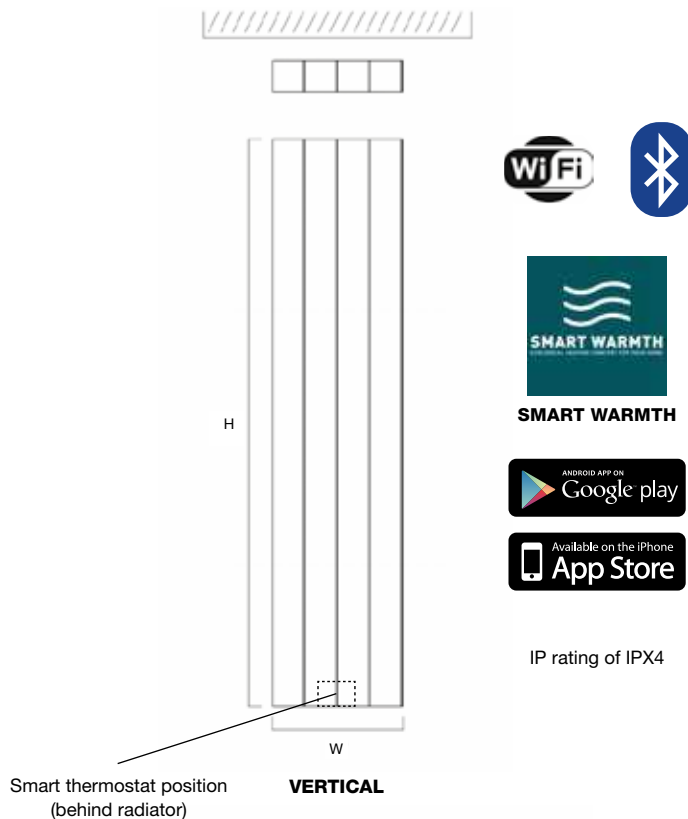
## Fixing Instructions

### Vela Electric Radiator



Please unpack your delivery carefully and inspect the radiator and contents – any damages or shortages must be notified to your supplier **within 3 days of delivery** of your goods.

# Specifications



## Technical Information

**Wall to front face** = 107mm

## Technical Specifications

**Power Supply:**

230V 50Hz +/-10%

**Power control type:**

RELAY 10A, TRIAC 10A, TRIAC 4A

**Max power:**

2000W total (Relay + TRIAC 1 + TRIAC 2)

**Insulation class:**

Class II

**Environment protection classification:**

IPX4

**Operating temperature:**

0 – 50°C

**Storage temperature:**

-20 – 85°C

**NTC sensor:**

10KOhm @25°C

**Connection type:**

Screw header 2,5mm2

**Regulation type:**

(Relay) Hysteresis +/- 0,5°C – (Triac) PID

**Temperature settings range:**

7– 31°C

**User interface type:**

Push-button, potentiometer

**Visualization interface:**

STN LCD display, viewing angle 12 o'clock, red back- light



**PLEASE NOTE:** That in accordance with Part L1 2006 of the Building Regulations and BS7593:1992 code of practice for the treatment of hot water and central heating systems, we recommend flushing the heating system before installation of new radiators and then adding the correct quantity and type of inhibitor for use with the radiator and system to prevent corrosion. Damage caused to systems not protected by a suitable inhibitor will not be covered by the manufacturer warranty. It is the responsibility of the installer to ensure the correct use and suitability of the fixings provided. No liability for costs or damages arising from failure to do so can be accepted.

# Installation Instructions

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Review instructions carefully before installation.

Installation should be completed by a suitably qualified person.

Please dispose of packaging in a responsible manner.

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## Wall Brackets

Offer up the radiator in the desired position, mark the bracket positions and fixing holes. The radiator should be placed a minimum of 10cm from the floor. Using the appropriate drill and fixings attach the brackets to the wall. After installing the plastic inserts into the hook part of the bracket the radiator can then be hung from the brackets.



**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**



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

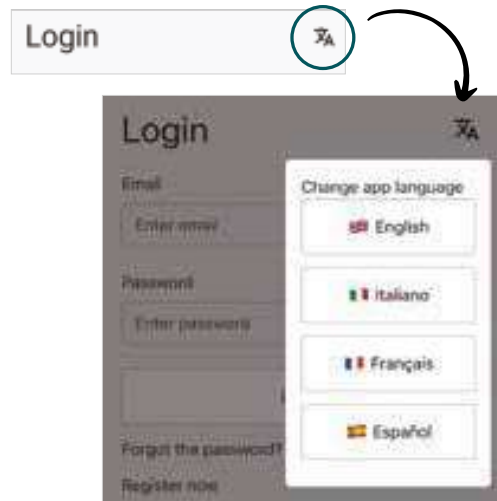


Otherwise, scan the QR code, opposite, with your device and download the App.



**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.**

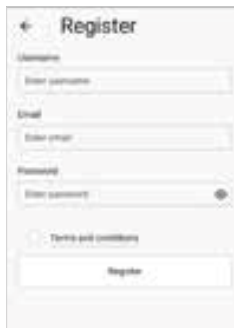
- 2 From the login screen, **set the language** for the App by clicking on the button in the top right.



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.



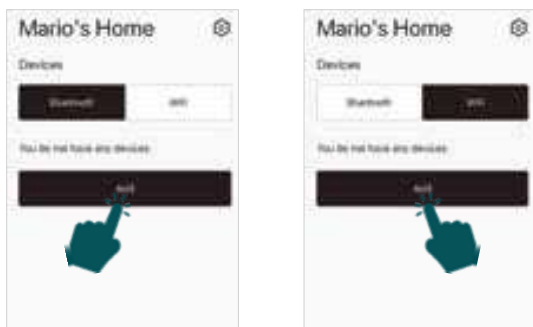
Select the WiFi network you use to connect with your device, enter the password, and connect.

**!** **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.

7

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

### 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.



## 8 Connect via Bluetooth

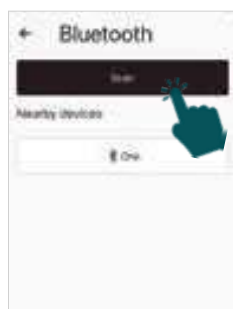


The connection procedure via Bluetooth is the same for iOS and Android devices.

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



Click on the **Add** button.



When pairing the radiator to the Bluetooth 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 Connect 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.

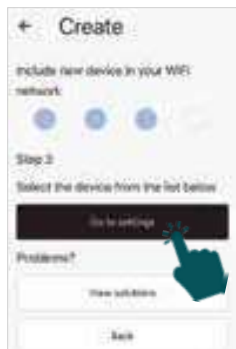


When pairing the radiator to the WiFi for the first time, follow the directions.



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

STEP with 



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 



Click on the **Rescan** button.

**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.



Next, click on the device's WiFi network.



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

**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 be viewed 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.





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.

Scan the QR code present on the radiator.



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.



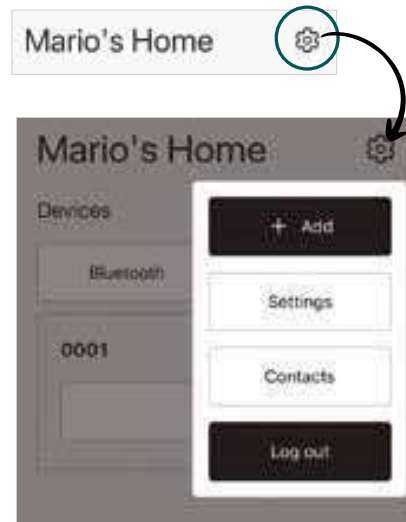
In case the symbol of a cloud with bar appears, as shown in the figure opposite, it is recommended to repeat the WiFi connection procedure, starting with an electronics reset.



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



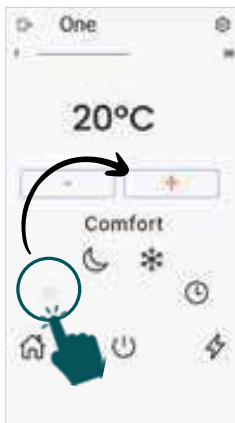
**Standby**  
(steady green LED)

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



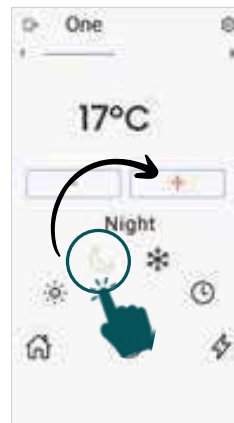
**Pilot wire**  
(green LED flashing)

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.



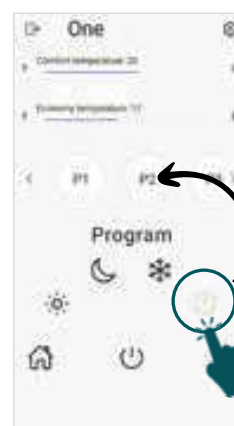
**Night**  
(steady blue LED)

In Night mode, the desired temperature can be set with the PLUS and MINUS keys. This temperature is independent of the temperature in 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)

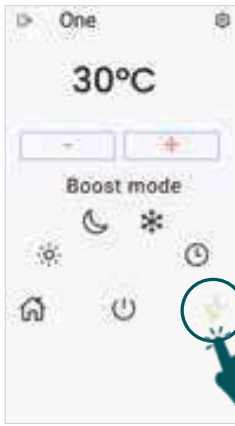
This mode prevents the room temperature from falling below 7°C. This value is preset and cannot be changed by the user.



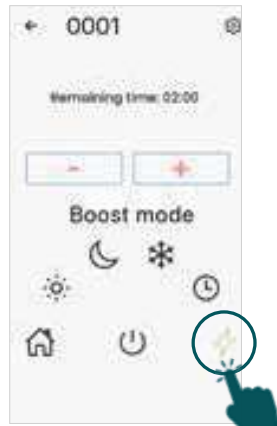
**Program**  
(green LED flashing)

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



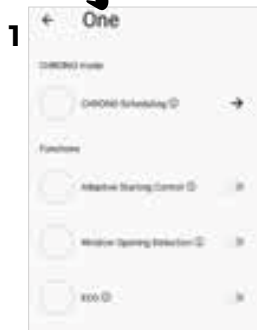
Wi-Fi screen

**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.



**2. Adaptive 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.



**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.



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



# Terms and Conditions

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You must immediately remove all packaging, inspect the goods and notify us of any damage to the goods within 3 days of delivery. We shall have no obligation to replace or repair damaged goods in the event of failure by the Buyer to comply with this provision. Radiators which are off an unacceptable standard or are damaged must not be installed. If any items is installed it will be treated as being as accepted as received.

Damaged goods being returned will only be collected from your delivery address, unless otherwise agreed in writing. Any other goods, which we accept back, are to be returned by you to our place of business at your expense.

Items will be accepted as a return which have not been installed or damaged after delivery. We do not accept liability for any damages sustained after delivery. Goods should be returned in their original packaging, provided such packaging and goods are undamaged.

We may issue a credit note for goods which we accept as returned.

We may agree to provide you with replacement goods prior to collecting or receiving back the goods to be returned (whether faulty, damaged or otherwise) but only on the condition that: the replacement goods are paid for in full and we reserve the right to re-invoice you in the event that the returned goods are found to be in a worse condition than when they were originally received by you or where such goods have not been received back to us within 3 months of the replacement goods being received by yourselves. A re-stocking charge of 30% will be applied to all non-faulty stock items that wish to be returned. Special order and non-stock products cannot be cancelled. Where cancellation or alteration of orders is accepted by us, you may be required to pay a restocking charge, to cover administrative costs and collection costs (if applicable); such charges to be determined by us. If the goods we deliver are faulty or damaged, we will meet the cost of the return, as long as the fault is reported to us within 3 working days.

The goods will be deemed to have been accepted when they have been delivered and we may not accept claims for any visible defects found after installation.

We accept no liability for any cost incurred relating to the cost of installation.

We shall not be liable for any plumber's costs, decorator's costs, transport costs, late penalties, or any other costs, as a direct or indirect result of (i) any defect in the goods (including but not limited to any manufacturing faults, such as leaks, that become apparent on or after installation) or (ii) late delivery of the goods.

**GUARANTEES AND LIABILITIES** – we are not the manufacturer of this product we will take all reasonable endeavours to make over to you the benefit of any warranty or guarantee given by the manufacturers. The item must have been fitted in accordance with British and or European standards as well as these fitting instructions.

