



REMOTE CONTROL 2.0



Navel 2.0 STD

Wi-Fi System

APP INSTALLATION GUIDE

1. Connect the Wi-Fi module to the electrical network using the appropriate power supply unit provided in the kit.
2. Connect the module to the SR232 serial connector located behind the stove. Alternatively, if there is no external serial port, you can connect it directly to the circuit board via the specific connector. *(Contact an authorised service centre for circuit board connection)*

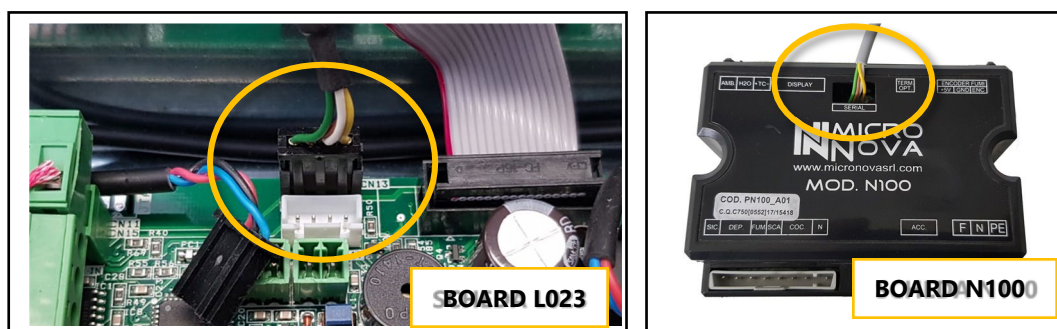


EXAMPLE of connection via SR232 serial connector located behind the stove.

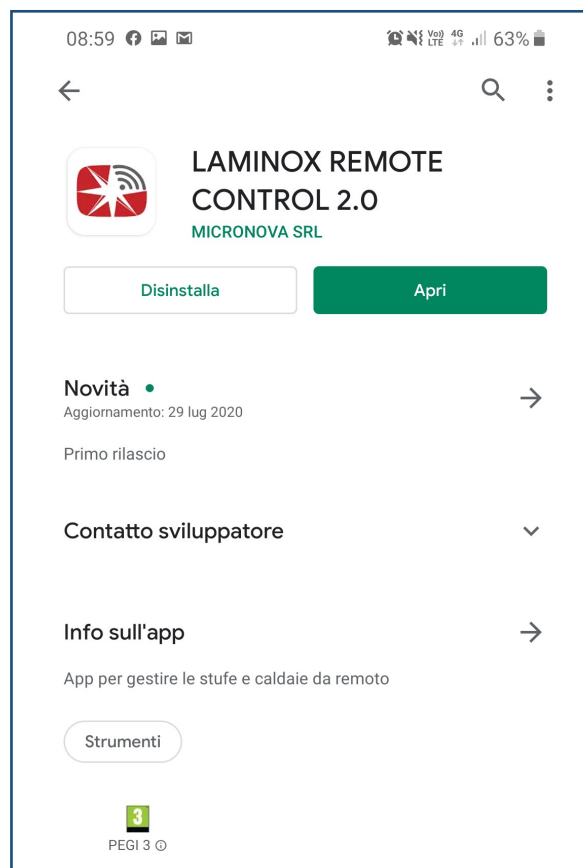


EXAMPLE of direct connection to the circuit board.

(Contact an authorised service centre for circuit board connection)



Download and install the **LAMINOX REMOTE CONTROL 2.0** app on your device.

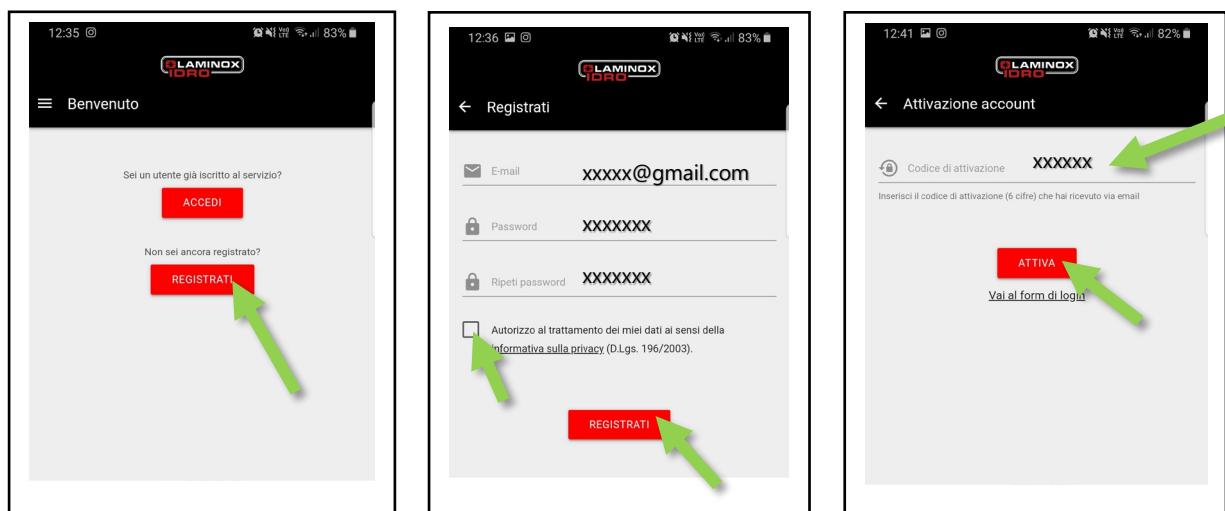


CREATING AN ACCOUNT

In order to use the app, an account must be registered using the wizard described below. Each app can control multiple WiFi modules that are entered and managed via Home. This means that one account can be linked to several modules and the same account can be added to several apps so that other family members can have control on their smartphone.

When you open the app for the first time, click on **SIGN UP**, enter your e-mail address and create a password of at least **8 characters**.

On the next page, you will have to enter the activation code that will be sent to the e-mail address you provided. Confirm with the **ACTIVATE** button.



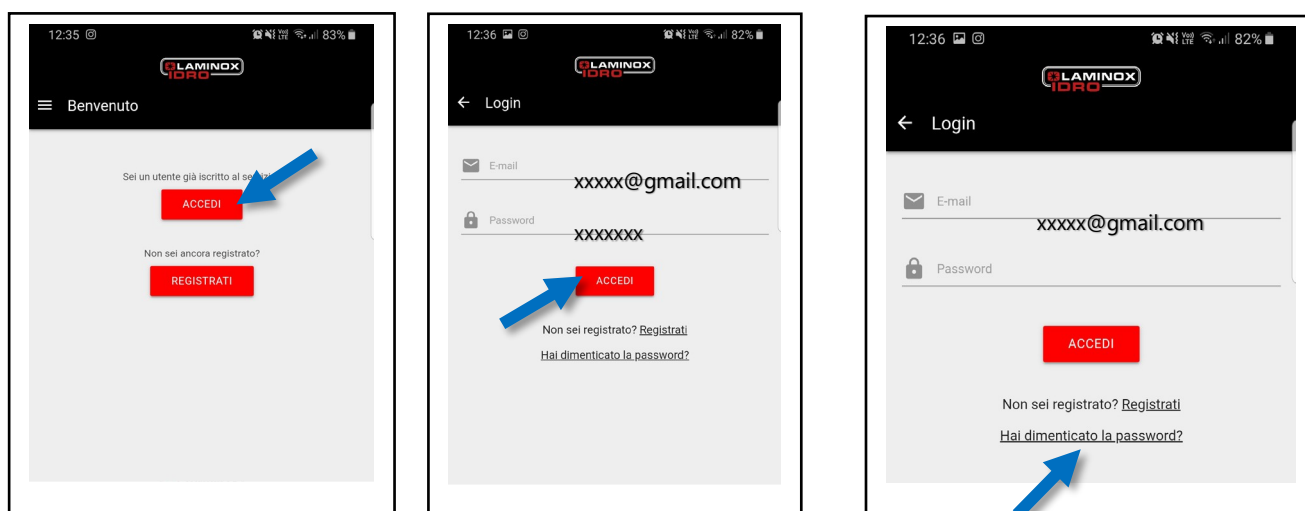
Entering an existing Account

Click on **LOGIN** and enter the e-mail address and password that you previously registered, then confirm with the **LOGIN** button.

Forgotten password:

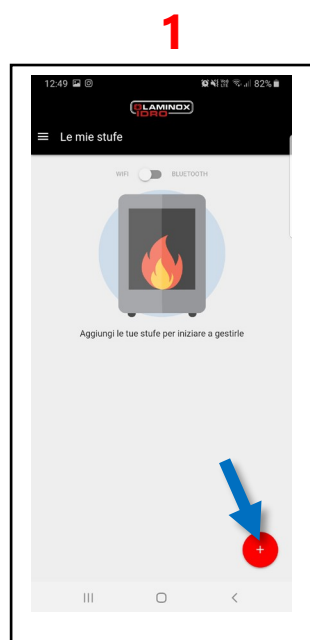
Click on **Forgot your password?** An e-mail will be sent to the address you just entered containing a control code that you can use to create a new password.

It is therefore important to use active e-mail addresses.

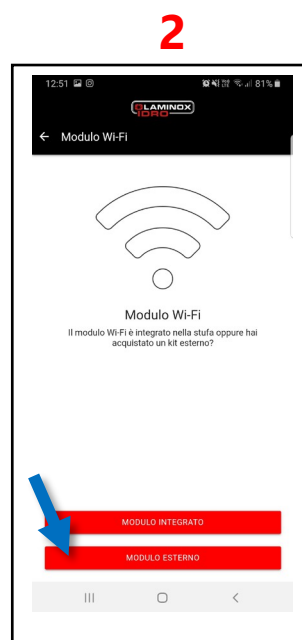


ENTERING A STOVE

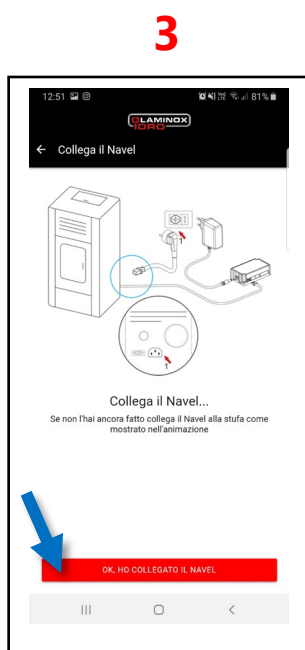
The app has an easy-to-understand wizard that helps you enter a desired stove and connect the module to your home WiFi in just a few steps.



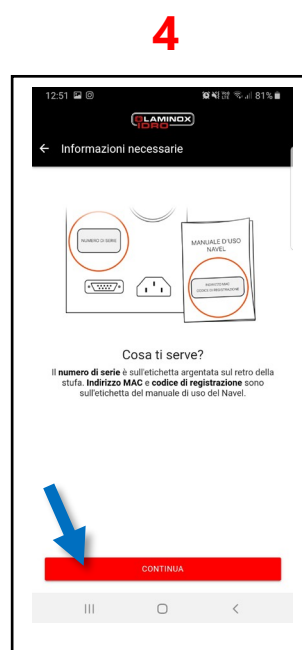
Press the + key



Press
EXTERNAL MODULE



Make sure that everything is correctly connected and that the stove is powered.
Press **CONNECTION OK**



Obtain the serial number of the stove and the **MEC** code and the **REG CODE** on the second sheet provided.
Press **CONTINUE**

12:54 81%

LAMINOX IDRO

← Aggiungi stufa

* Numero di serie (Numero matricola) **55555-5F**

* Indirizzo MAC **264F28.....**

Inserisci solo numeri e lettere, senza il carattere ":",*

* Codice di registrazione **123456**

* Modello articolo **IDRO**

* Codice articolo

* Descrizione stufa **Mountain home**

Es. "Stufa casa in montagna" o "Stufa salotto"

Località stufa

Stato

Provincia

Comune

☐ Autorizzo a condividere in maniera anonima i dati di analisi, diagnosi e utilizzo al fine di migliorare il servizio secondo l'informativa sulla privacy.

SALVA STUFA

Enter the **SERIAL** number found on the data label behind the stove

Enter the **MAC** code and the **REG CODE** found on the USER GUIDE sheet
Read the **NOTE** at the end of the page

Enter one of the following names according to the product you have:

ARIA
(Air pellet stoves and air fireplace pellet inserts)

IDRO
(Idro pellet stoves, idro fireplace pellet inserts and IDRA red boilers)

TERMOBOILER
(for all Termoboiler boilers)

TERMOBOILER and Remote Console
(select this if you have a Termoboiler + remote console)



Give a name

Optional Fields

NOTE

The **MAC ADDRESS**, **REG CODE** and **APP PASSWORD** can be found on the USER GUIDE sheet in the packaging of your Wi-Fi module.

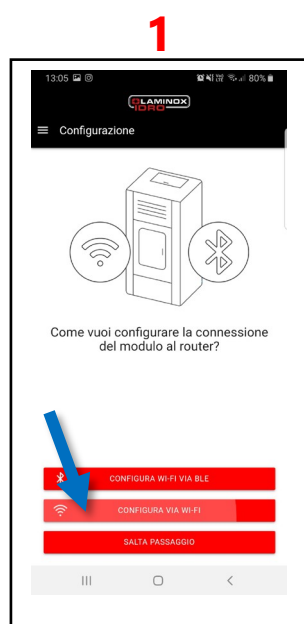


Navel 2.0 - Agua IOT
ODP: 20/06221-352678-2
MAC: 246F28CD
Reg.code: 733
AP password: 1444
Made in Italy Micronova srl - Via A. Niedda, 3 - 35010 Viger

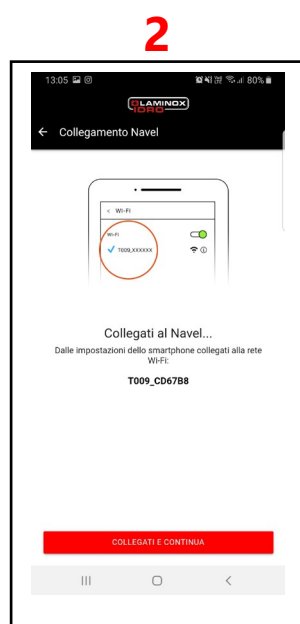


CONNECTING WITH WI-FI

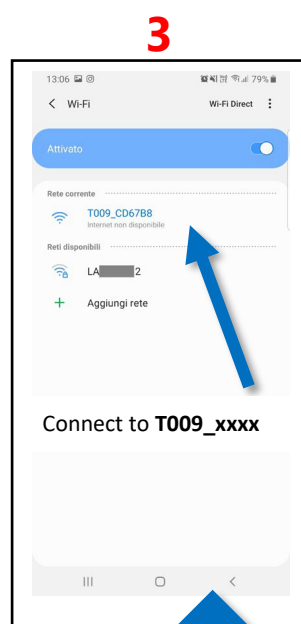
After the first ADD A STOVE step, the wizard continues with module configuration by connecting it to your home Wi-Fi.



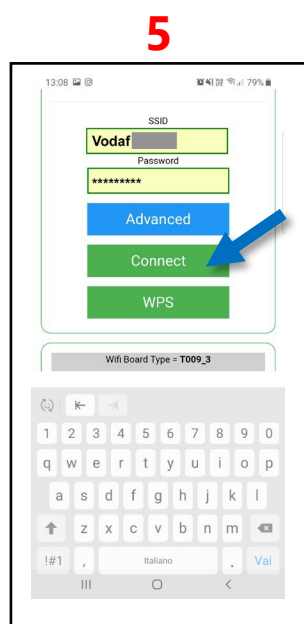
Press
CONFIGURE VIA WIFI



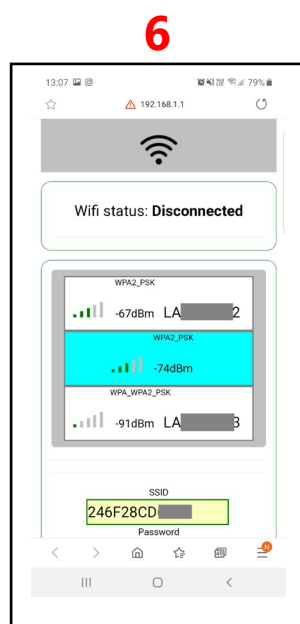
ATTENTION
Don't press anything!!
Go to your smartphone
settings
and connect to the Wi-
Fi named **T009_xxxx**



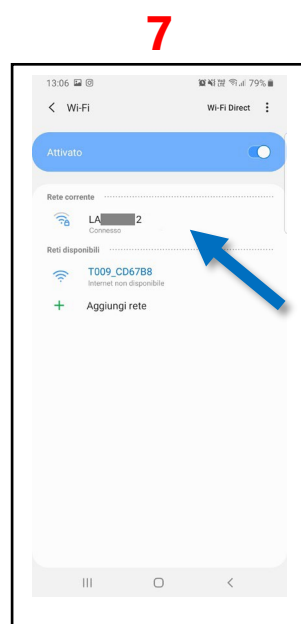
Once you are connected to
the T009 network, go
back to the app and press
CONNECT AND CONTINUE



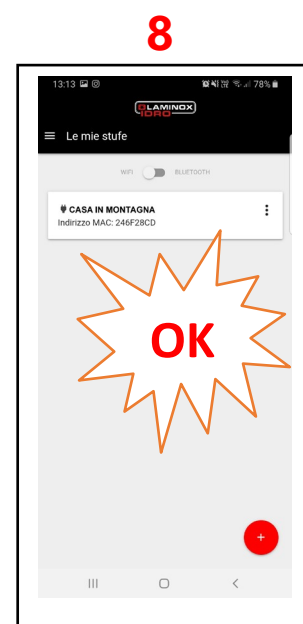
Select your Wi-Fi, enter the
password then press
CONNECT
*An **AP PASSWORD** may
sometimes be required to
access this page; see the **USER
GUIDE***
Page 6



Connected Check that two
ORANGE lights are lit on the
module

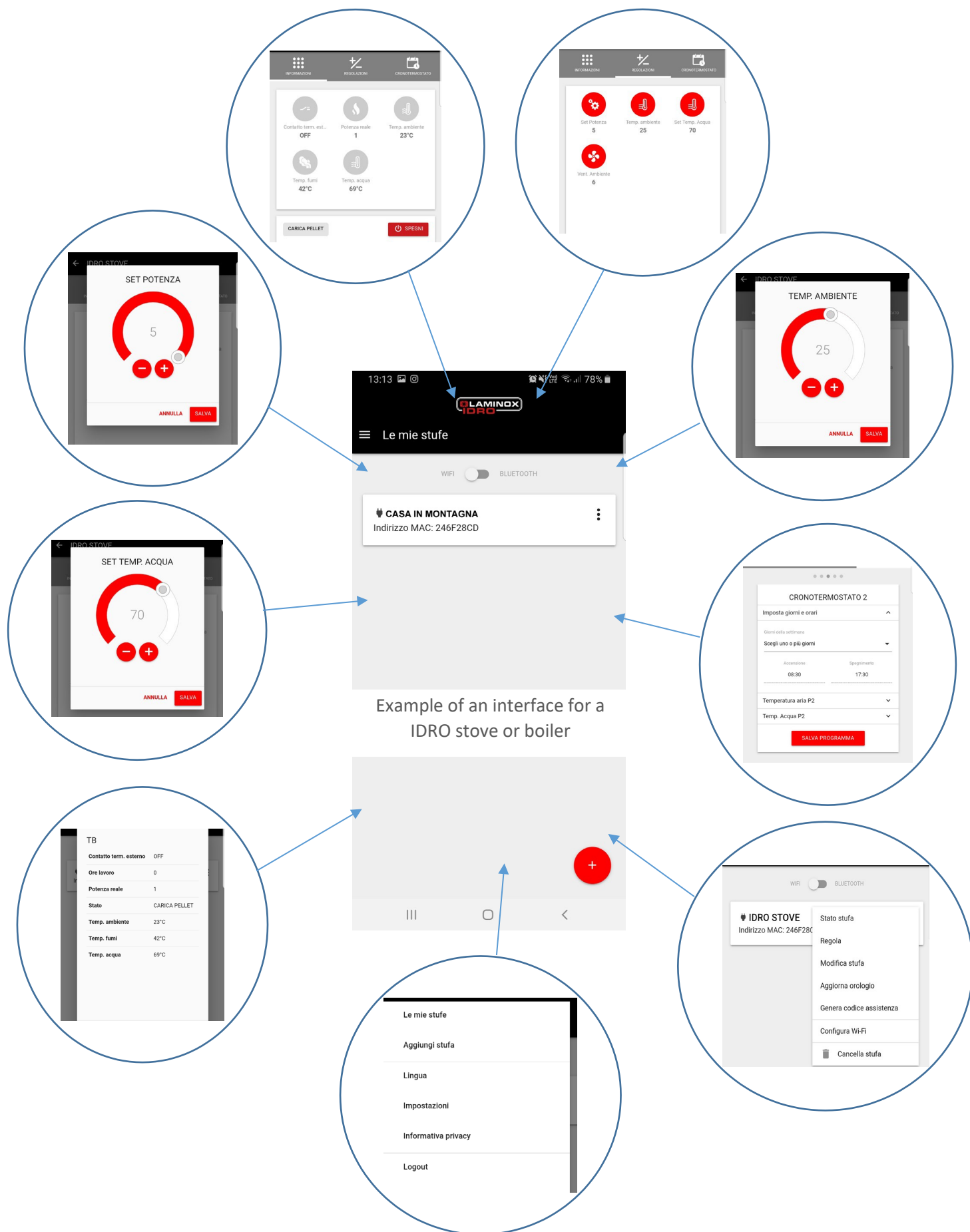


ATTENTION
Close all applications
Go to your smartphone
settings and re-connect to our
home Wi-Fi



Open the app again.
Your stove's bar should
appear on the Home screen.
*If the app reopens with the page
from step 2, press the arrow at the
top to return to Home*

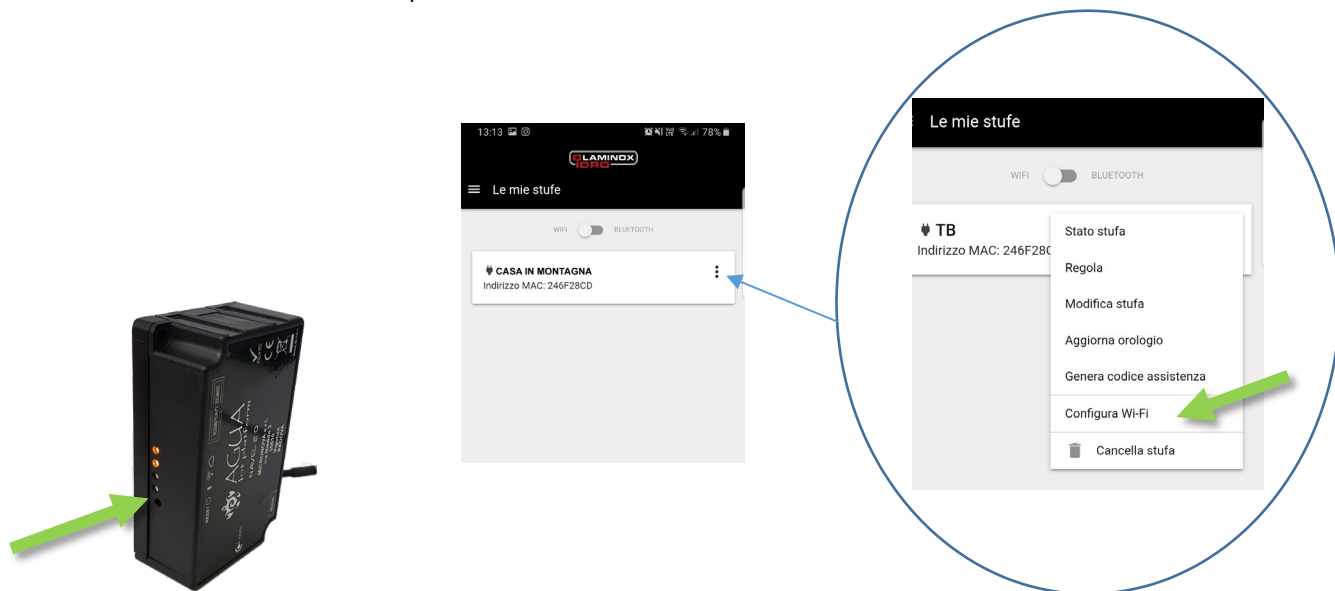
Control interface



The control interface varies depending on the model of stove or boiler.

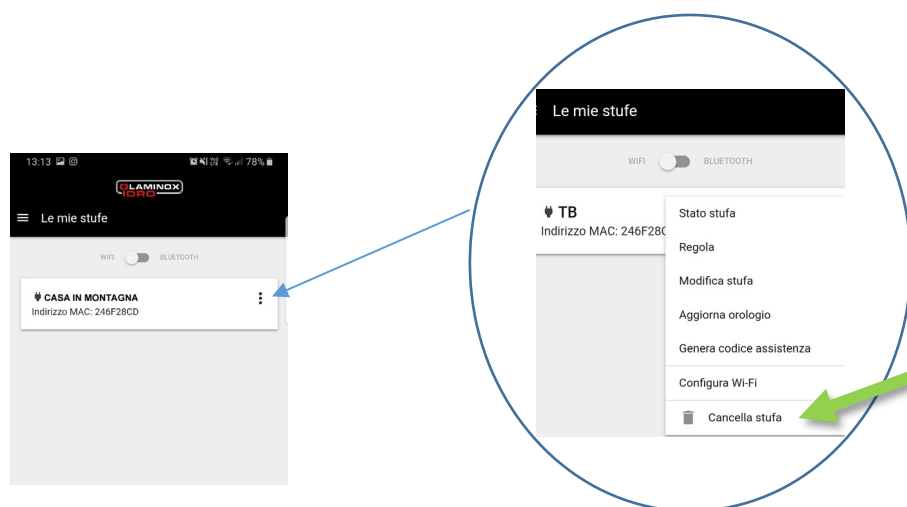
Resetting the module to change the WiFi connection

You can reset the module by pressing and holding the **RESET** button for at least 10 seconds. By doing so, the module will disconnect from the Wi-Fi network to which it was connected. After resetting, the Wi-Fi configuration procedure can be repeated again by selecting **Wi-Fi CONFIGURATION** from the drop-down menu.



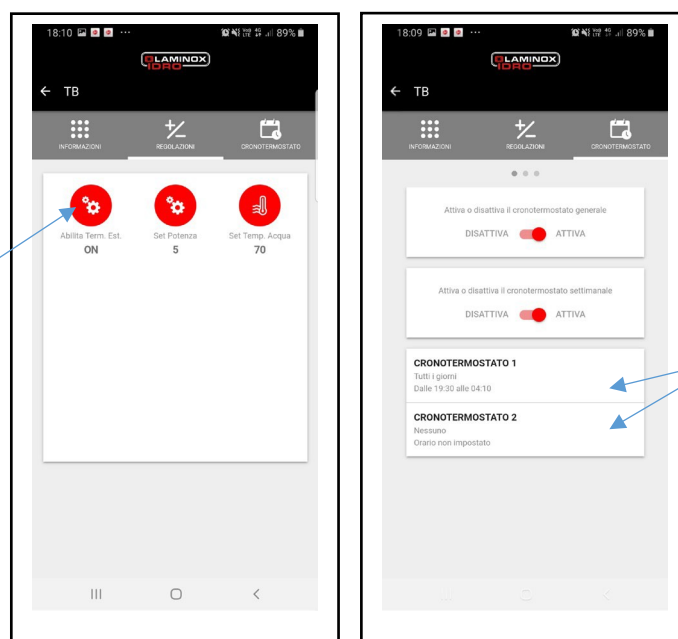
Deleting the stove entered

To delete the stove entered, press the menu symbol (3 dots) on the bar, then press **DELETE STOVE** in the drop-down menu. Once the stove has been deleted, you can repeat the initial procedure to enter a new stove.



Enable External Term.

This command can be used to remotely manage the call of a mechanical chronothermostat installed in the house. If this chronothermostat is set to a desired temperature (e.g. 22°C), you can manage virtual ON-OFF via the app, thus allowing you to start heating the house as desired.



Use the Chronothermostat to switch the boiler completely on and off.

ATTENTION

If the boiler is switched OFF, the internal accumulation tank will cool down.

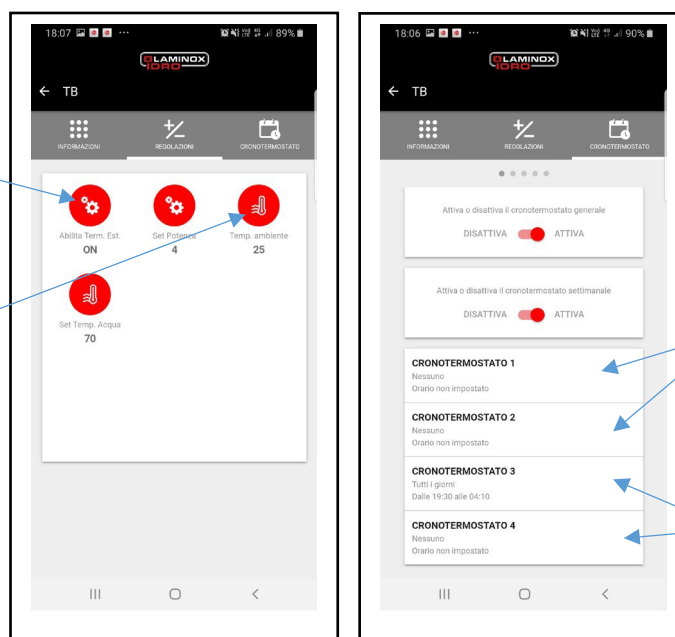


Enable External Term.

This command can be used to remotely control the general ON-OFF of the home heating system in combination with **SET Room Temp.**

Room Temp.

This command can be used to remotely manage the room temperature read by the remote console located in the house. If you leave the **Enable External Term.** set to **ON**, raising or lowering the temperature will cause the home heating to start.







Chronothermostats **1** and **2** can be used to program the start of heating in the home at a specific time. In fact, these two chronothermostats activate the internal pump and do not activate complete shut-down of the boiler, allowing the accumulation tank to remain warm for any sanitary requirements.

Chronothermostats **3** and **4** switch the boiler completely on and off.

ATTENTION

If the boiler is switched OFF, the internal accumulation tank will cool down.



<p>6. SIGNIFICATO ICONE</p> <p>1 2 3 4 5</p> <p>RESET     </p> <p>RESET KEY (1) Se premuto per 5 secondi, disconnette il modulo dalla connessione Wi-Fi o BLE e lo riporta in stato di "AP". Se premuto per 2 secondi, si riconnette con l'ultima configurazione Wi-Fi utilizzata.</p> <p>LED POWER (2) Accesso, modulo è alimentato.</p> <p>LED BLE (BLUETOOTH LOW ENERGY) (3) Accesso in modo continuo, attiva modalità "BLUETOOTH".</p> <p>LED WI-FI (4) Accesso in modo continuo, connessione Wi-Fi attiva del modulo. Lampeggiante, modulo si sta connettendo alla rete Wi-Fi.</p> <p>LED SERVER (5) Accesso in modo continuo connessione al server. Lampeggiante, il modulo si sta connettendo al server.</p>	<p>7. DICHIARAZIONE UE</p> <p>Il fabbricante MICRONOVA s.r.l. dichiara che il tipo di apparecchiatura radio seguente NAVEL 2.0 è conforme alle seguenti direttive: RED 2014/53/UE; ROHS 2011/65/UE; RAEE 2012/19/UE Il testo completo della dichiarazione è disponibile al seguente indirizzo: www.micronovasrl.com/tecnologie/iot-agua/</p> <p></p>
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LED	STATUS		PROBLEM	SOLUTION
1st Power LED (green)	Off	The module is not being powered.	The stove is switched off. The module power supply unit is not connected	Connect the supplied external power supply unit. Make sure that the stove is being powered.
	Flashing	Data transmission between the stove and the Cloud system	-	-
	On	Everything OK.	-	-
3rd Wi-Fi LED (orange)	Off	The module is not connected to the WiFi network	-	-
	Flashing	The module is connecting to the WiFi network	If flashing persists for more than 3 minutes, this indicates that you have entered an incorrect password.	Press the reset button for at least 10 seconds, start the WiFi configuration procedure described on page 9 again
	On	The module is connected to the WiFi network	-	-
4th Cloud LED (orange)	Off	The module is not connected to the Cloud service	No internet connection	Check the home modem/router settings
	Flashing	Data transmission between the module and the home modem/router	-	-
	On	The module is connected to the Cloud service	-	-



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