

SAUNOVA 2.0 PLUS

SAU-UI-V2-P



Thank you for your purchase of a SAWO Control Unit.
Please read the manual carefully before using the control.

Not for use in the USA, Canada and Mexico.

ENGLISH

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READ THE MANUAL
FOR ADDITIONAL
IMPORTANT
INSTRUCTIONS.

NOTICE

Warranty does not cover damages resulting from installation, use, or maintenance that does not follow the guidelines in this manual. For questions about warranty, please contact your retailer.

Introduction to the SAUNOVA 2.0 PLUS

Temperature and light in the sauna, as well as the duration of sessions, can now be controlled remotely from a digital device.

The following are instructions for properly using the Saunova 2.0 PLUS control to adjust the settings in the sauna. Please read this instruction manual carefully before using the product. Knowing your heater control's key functions will help you get the most out of your sauna experience.

Safety Instructions

For Users:

1. Only a qualified electrician is allowed to make electrical connections and repairs on the unit. Use original parts only.
2. Do not let children play with the heater control unit.
3. Check the power supply rating before installation.
4. The power controller can be operated in a room temperature of 0°C–40°C. It should not be installed inside the sauna room.
5. Do not pour water in the control unit or clean it with a wet cloth. For cleaning purposes, use a cleaning cloth that has been only slightly moistened with a mild soapy solvent (dish detergent).

For Technicians:

1. To ensure the safety and reliability of the equipment, the installation, wiring, and repairs of the heater must be done by a certified electrician.
2. Disconnect the power controller and the contactor unit from the electrical circuit before installation, opening the lid of the power controller or contactor unit and repair.
3. Follow the assembly and installation instructions (p. 19).
4. Refer to the correct location of the sensor in the installation section of the manual. The temperature sensor must be positioned correctly as its proximity to the air ventilation cools it down and may lead to overheating.
5. Follow the instructions for installing the power controller (p. 28).

Quick Start

1. Switch the power on by pressing the Power button. The set temperature appears for 5 seconds followed by the actual temperature inside the sauna room.
2. Press the arrow keys to adjust the temperature.
3. To change the parameter values, press the Mode button. The corresponding LED will start blinking faster. Use the Up and Down arrows to change the values.
4. You can move from one parameter to another by short-pressing the Mode button.
5. Confirm the settings by long-pressing the Mode button. If no keys are pressed after 5 seconds, the control unit will confirm the changes automatically.
6. It usually takes around 25 to 40 minutes for the sauna to get warm before the session can begin.



DISCLAIMER

For Europe:

Remotely controlled sauna heaters must comply with the cover test requirements of EN 60335-2-53 (clauses 19.101–19.102 and, where applicable, 22.108).

The cover test ensures that the heater does not pose a fire hazard under abnormal conditions.

If the requirements are not met, appropriate safety measures such as door monitoring or a safety switch must be implemented.

Directions for Use

Heater On

Press the Power button to activate the heater. The heater LED is illuminated indicating that the heater is turned on. The sauna will heat up to the temperature of the previous setting and operate for the length of previous session time. Session time is saved for the next session only if it is changed within 5 minutes after switching the heater on.

WARNING

Always ensure that no combustible materials (such as towels) are placed on or above the heater, or within the specified safety distances, before switching the heater on. (See the safety distances specified in this manual.)

Heater Off

Turn the heater off by pressing the Power button. This will also turn off all the active functions, including the pre-run session. However, the sauna room light will not be switched off. The Light button can be used even when the heater is off.

Pre-run

The pre-run function can be enabled only in Off mode. Parameter values can be changed during pre-run.

Set the pre-run time by pressing the Pre-run button. A countdown will be displayed. Use the Up and Down arrows to change the pre-run time. When the countdown expires, the control switches to On mode and the heater turns on.

Next, the temperature and the session time can be changed if preferred. Finally, long-press the Mode button to confirm the changes.

When the control unit is in the pre-run state, it will display the remaining time of the pre-run. The confirmed pre-run settings are saved for the next session.

The pre-run function has different default settings, depending on the installation location. For domestic use, the default time is 6 hours, including the pre-run time as well as the session time.

*Not in all models

Settings Mode

Press the Mode button to activate the settings mode. It can be used to select and adjust the fan*, temperature, humidity* and the session time (*not all models have all the same features). Corresponding LEDs will be blinking on each selected features. Change values by pressing the up and down buttons.

Save the settings by long-pressing the Mode button. A high beep will confirm it. If no keys are pressed within 5 seconds, the control unit will save the settings.

Cabin Light

The cabin light can be switched on even when the heater or pre-run timer is off. Short press the button and the lights will be switched on/off.

LED for the light indicates if the light is switched on or off.

Keypad Lock

The Keypad Lock function prevents accidental setting changes.

To enable/disable it, the user interface needs to be in On mode.

Lock the keypad by pressing the Up and Down arrows simultaneously for more than 5 seconds. A high-tone beep will confirm the lock activation and deactivation.

When keypad lock is activated, only the heater on/off and cabin light functions can be used. The Mode button is enabled only to show actual values. If other buttons are pressed, the display will show dashes (— — —).

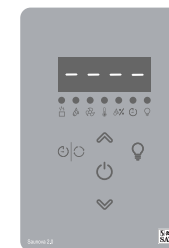
Unlock the buttons by pressing the Up and Down arrows at the same time for more than 5 seconds. A high beep will confirm it.

The keypad lock function is set automatically if it was activated during the previous operation.

Temperature Unit Conversion

In Off mode, you can switch between Celsius and Fahrenheit by simultaneously pressing the Power and Down buttons. A beep will confirm the change and will prompt either of which is on.

In On mode, press the Mode and Up buttons at the same time. A beep and the display will confirm the change.



Setting Up the Wi-Fi Connection

STEP 1: Connecting Saunova 2.0 Plus to the Wi-Fi Network

- Turn on the power controller.
- On your phone, search for available Wi-Fi networks (fig. 1).
- Look for the control unit UI's Wi-Fi network (e.g. Wifi1).
- Click to connect.

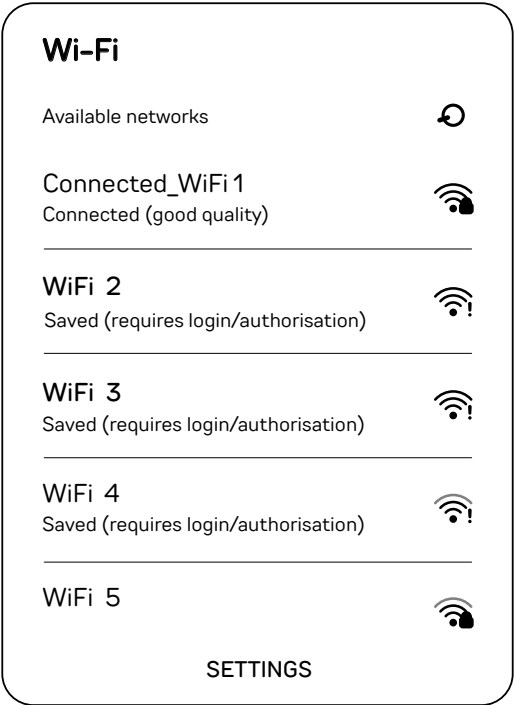
NOTE

A stable Wi-Fi connection is required to ensure optimal performance of the remote-controlled heater.

In case of a weak signal:

- Relocate the Wi-Fi base station to improve signal strength.
- Use a Wi-Fi extender to coverage and stabilize the connection.

Fig. 1 | SAUNOVA 2.0 PLUS connected to the Wi-Fi network



STEP 2: Configuring Saunova 2.0 Plus to Connect to the Local Wi-Fi

- Click Configure Wi-Fi and look for the Wi-Fi network you want SAUNOVA 2.0 PLUS to connect to (fig. 3).
- Click on the Wi-Fi network, or enter the network name (SSID) and Wi-Fi password. SAUNOVA 2.0 PLUS supports 2.4 GHz Wi-Fi only, so make sure 2.4GHz is enabled on the router; 5GHz networks will not be detected.
- Click Save and wait 5 seconds. The E11 display will disappear, indicating that the device has successfully connected to the local Wi-Fi network.

Fig. 2 | Configuring connection between SAUNOVA 2.0 PLUS and the local network

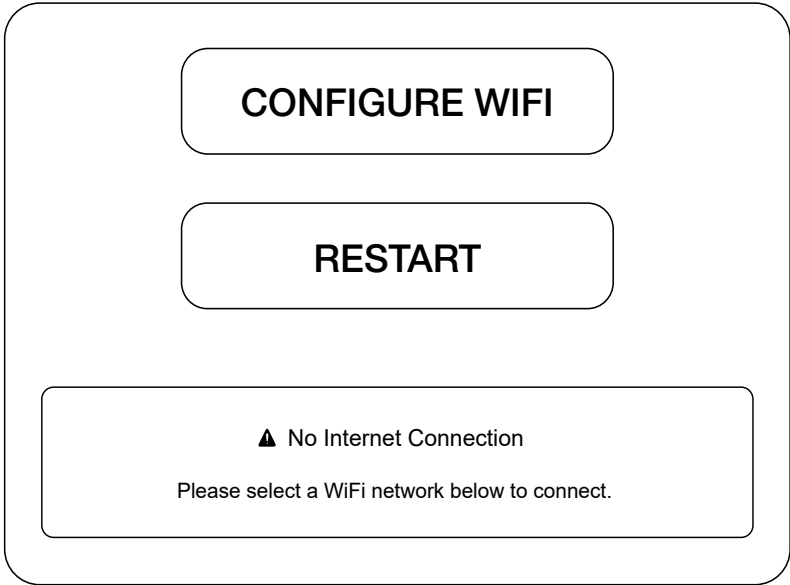


Fig. 3 Two ways to configure connection between SAUNOVA 2.0 PLUS and the local network

Sign in to SAWO Wifi

192.168.4.1

Available Networks

WiFi 1	 
WiFi 2	 
WiFi 3	 
WiFi 4	
WiFi 5	 
WiFi 6	

SSID

Password

☐ Show Password

SAVE

REFRESH

 No Internet Connection

Please select a WiFi network below to connect.

Fig. 4 Connection failure causing the setup portal to restart



Connecting to WiFi...

Please wait while we save your credentials and connect to the network.

What's happening:

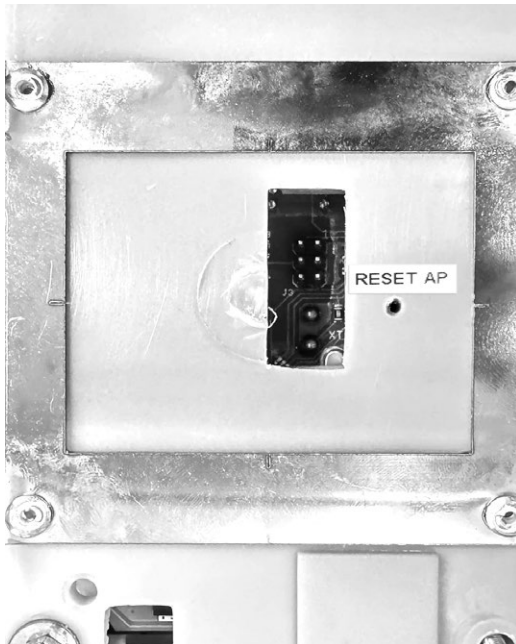
1. Saving your WiFi credentials
2. Attempting to connect to your network
3. This may take up to 30 minutes

 If connection fails, the device will restart the setup portal.
You can reconnect to "Sawo Wifi" to try again.

STEP 3: Resetting Access Point or Wi-Fi Network

(As needed)

Fig. 5 The RESET AP (access point)



Once SAUNOVA 2.0 PLUS is connected to the local Wi-Fi, the system may or may not display Error 7. If it does, simply reset the power controller to clear the error.

There is a button located inside the hole at the back, labeled RESET AP. Use a small stick or any pointed object that can be inserted into the hole to press the button.

Press and hold the button for 3 seconds to reset the Wi-Fi network.

The E11 will appear on the display, indicating that the device is not connected to a Wi-Fi network.

NOTE

RESET AP

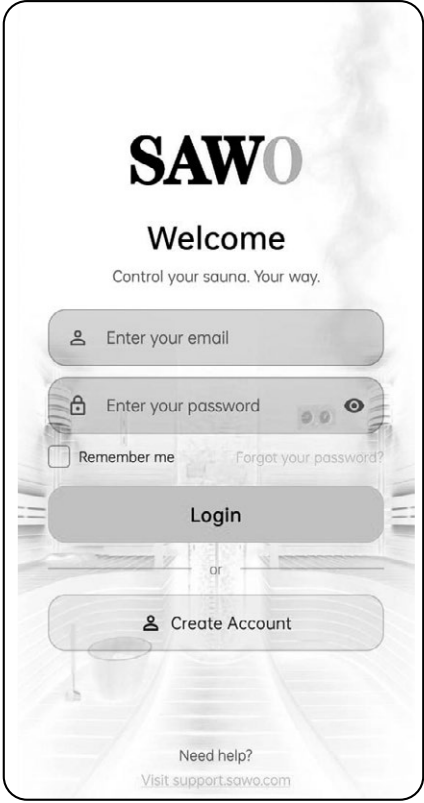
This changes the Wi-Fi network that SAUNOVA 2.0 PLUS is connected to.

STEP 4: Sauna Registration

1. Create an Account

- Register your email address by creating an account.
- Log in using your email, set a password, and confirm that you agree to the terms and conditions.
- Click Continue.
- A verification email from SAWO will be sent to you. Open the email and click Verify Account.

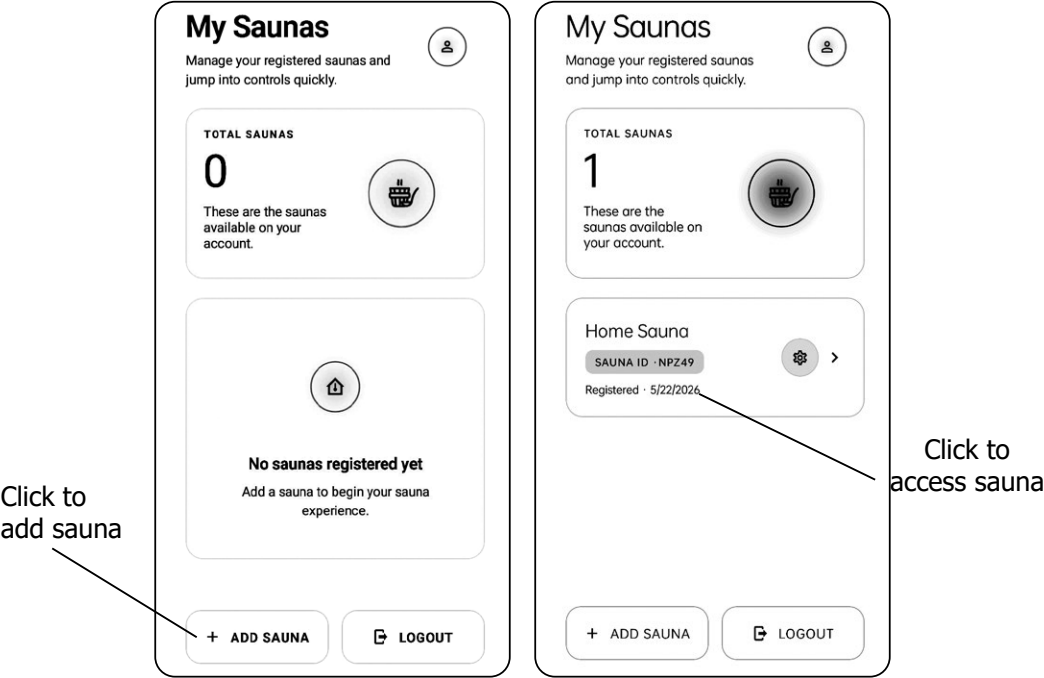
Fig. 6 Creating an Account on the Registration page



2. Register Your Sauna

- After verification, click the Add Sauna button.
- Enter the sauna ID number and security code provided to you.
- You may rename the sauna by clicking the Rename Sauna button.

Fig. 7 Registering your sauna



STEP 5: Accessing the Sauna App Control

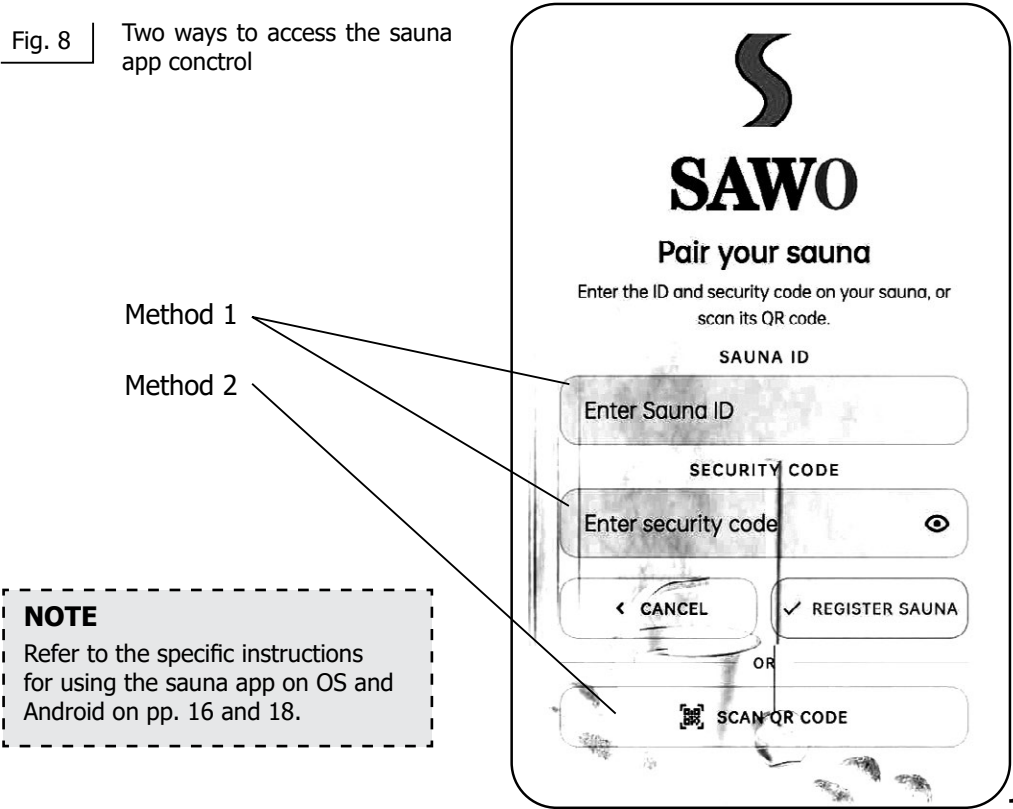
Method 1 Security Code

- Open the SAWO App.
- Enter the sauna ID and security code found in the sauna control unit's metal casing and at front of the packaging box.
- Tap the check icon to access the app interface, where you can control the sauna using your phone.

Method 2 QR Code

- Open the SAWO app.
- Tap Scan QR Code to open the QR scanner.
- Scan the QR code found in the sauna control unit's metal casing and at front of the packaging box.
- Tap the check icon to access the app interface, where you can control the sauna using your phone.
- Click the check icon to open the user interface page.

Fig. 8 Two ways to access the sauna app control



Navigating Saunova 2.0 PLUS on IOS and Android

Step 1

- Open the app. You will be directed to the log-in page.
- Log-in using either method 1 or method 2: Enter the Sauna ID and security code. Or click the scanner to scan the QR code.
- Click the check icon to open the user interface page.

Once logged in, you will be directed to the user interface page, where you can control the sauna directly from your mobile phone.

Step 2

Learn the buttons and customizable settings.

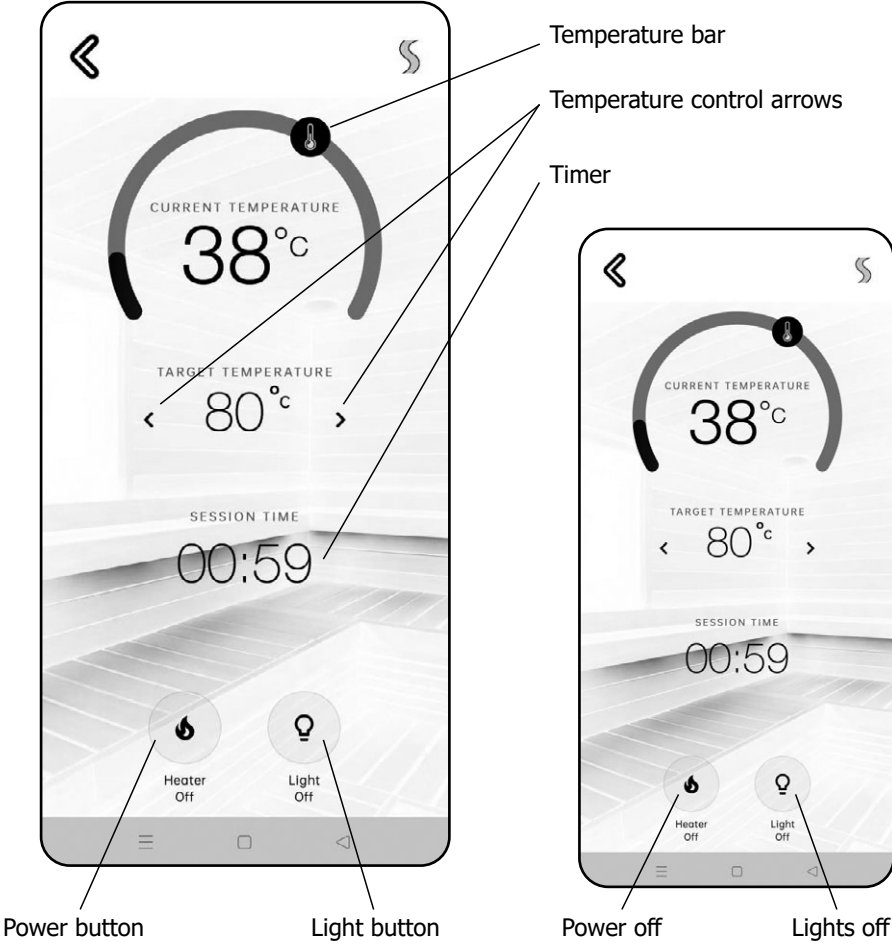
POWER BUTTON

Activates or deactivates the sauna heaters. This serves as the main switch for starting or ending a sauna session. When the icon is red, the heater is ON.

LIGHT BUTTON

Provides illumination inside the sauna room for visibility and comfort. When the icon is red, the lights are ON.

Fig. 9 The SAUNOVA 2.0 PLUS user interface page



Step 3

Customize your settings.

1. Slide the thermometer bar left or right to set your preferred temperature.
2. Use the Left and Right arrows to set your preferred temperature between 30°C–110°C.
3. Tap the timer to open the Session Time page.
4. In the Session Time page, adjust the duration of your sauna session.
5. Tap the check icon to confirm and save the session time. The heaters will automatically switch off when the timer reaches zero.

Fig. 10 | Temperature settings

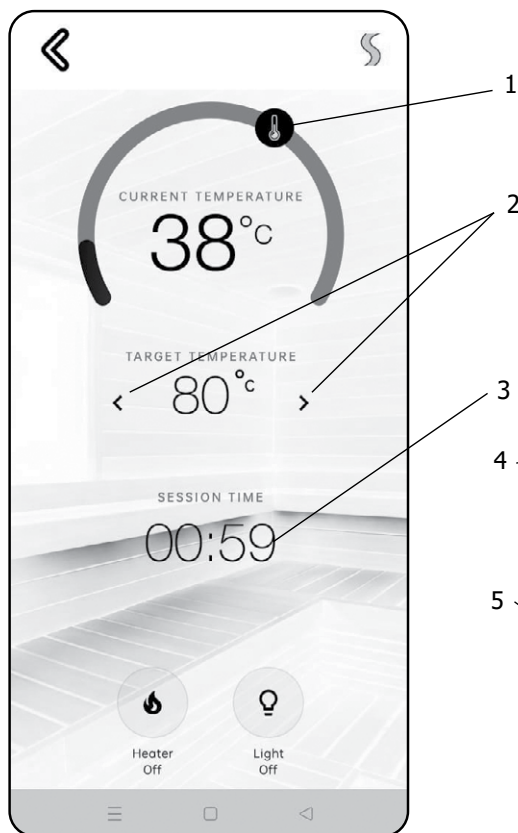
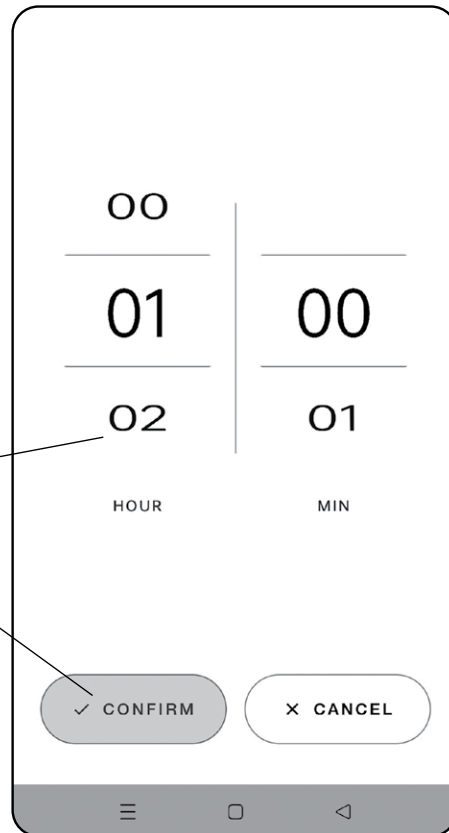


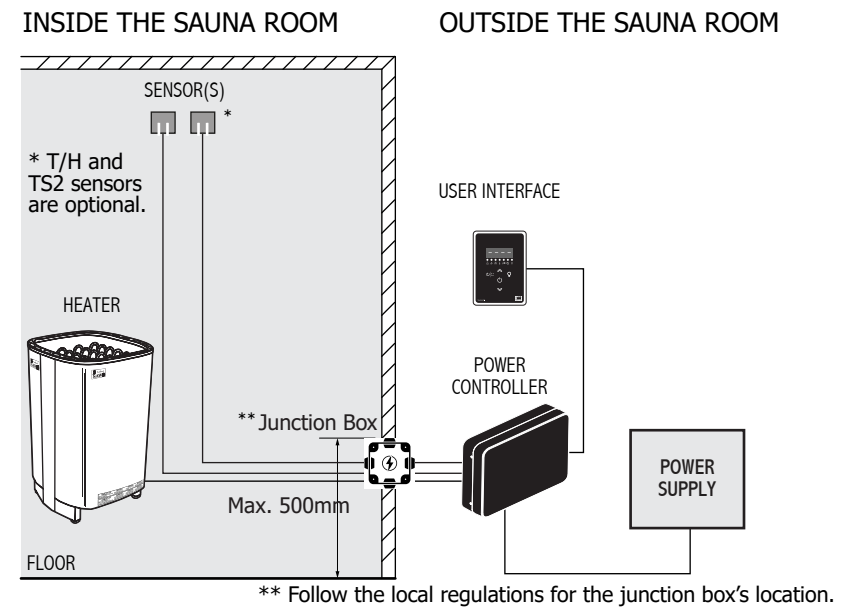
Fig. 11 | Session time page



Assembly and Installation

The Saunova control unit consists of the Saunova Control Unit interface, Saunova power controller and sensor. The control unit interface and the power controller communicate through an RJ cable.

Fig. 12 | Setting up the Saunova 2.0 Plus control unit

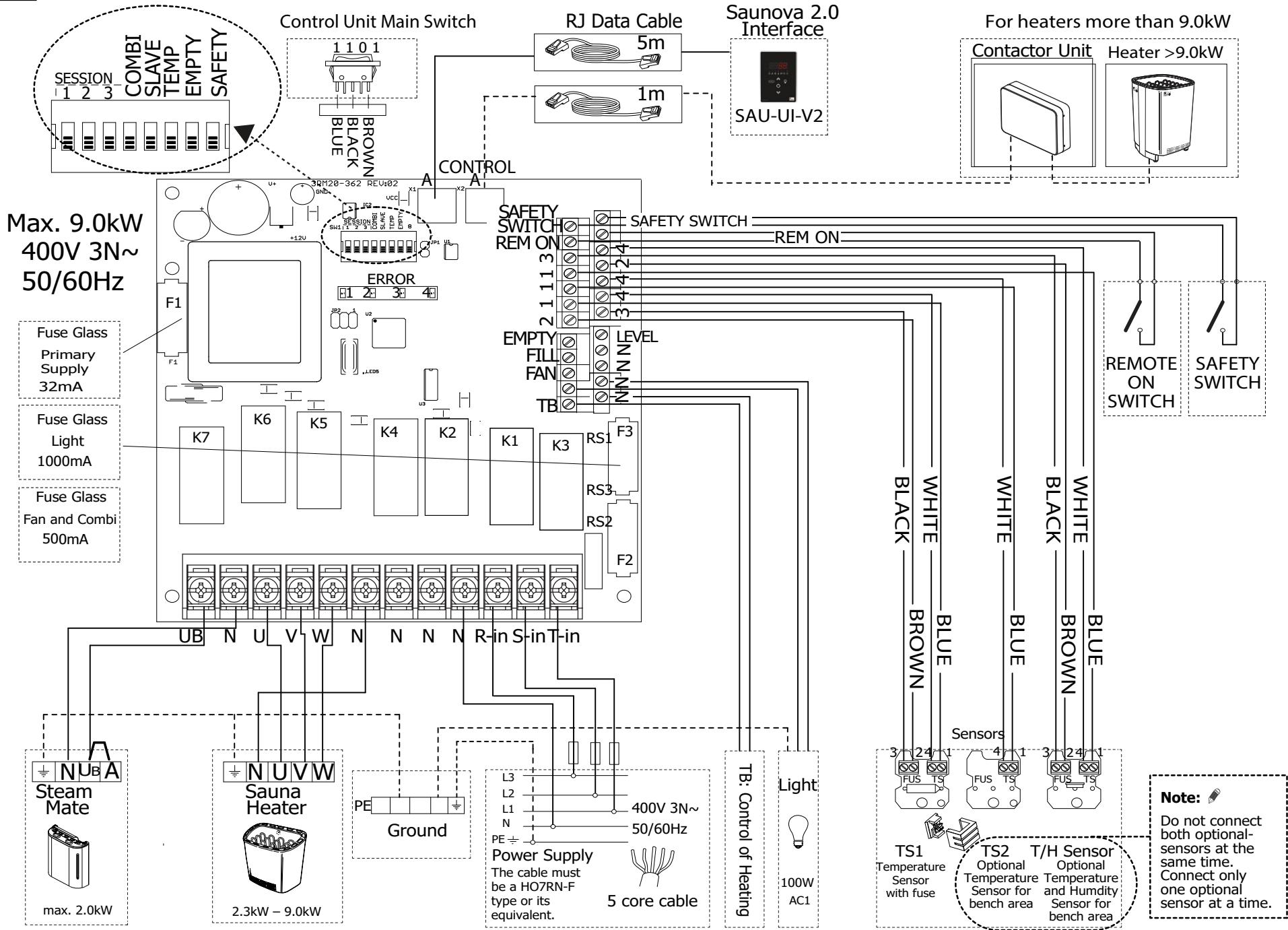


NOTE

Saunova 2.0 user interface can only be installed outside the sauna room. Only one user interface can be used to control the heater.

Technical Diagram

Fig. 13 Control unit and heater electrical connection



Connecting the Control Unit to the Heater (Diagram)

Power Controller

Mount the power controller in a dry location, outside the sauna room and away from places where temperature can exceed 40°C. It is protected against water splashes; but still, make sure that it does not get in contact with water.

Install the power controller vertically on the wall, ensuring a minimum clearance of at least 300mm from the ceiling (fig. 14).

The cable used for sauna wiring must be H07RN-F type or its equivalent. Do not use PVC-insulated cables as connecting cables because they will become brittle from constant exposure to heat.

The junction box should have a maximum clearance of 500mm from the floor, measured from its upper corner.

Fig. 14 | Installing the power controller

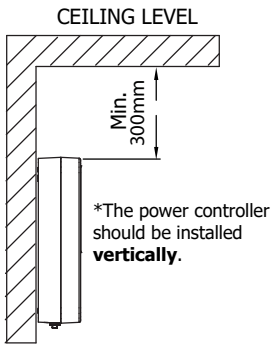
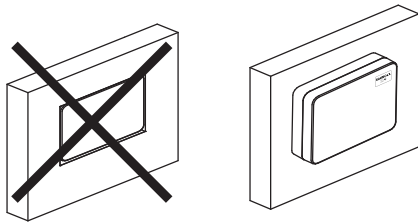


Fig. 15 | Proper placement of the control unit



WARNING



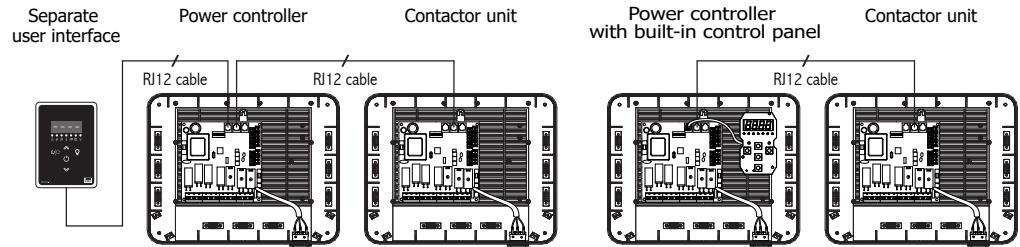
Do not embed the control unit into the wall, because it may lead to overheating of the unit and cause damage.

Contactor Unit

If the heater used is more than 9.0kW, an additional contactor is needed. The contactor unit is linked to the main power controller with RJ cable (fig. 16).

Follow the instructions that come with the contactor unit.

Fig. 16 | Installing a separate control panel and power controller with contactor unit



Sensors

One or two sensors can be connected to the power controller: the temperature sensor and the bench sensor (optional).

The first sensor, the temperature sensor, comes with a temperature fuse and a thermistor. The second sensor, the bench sensor, is a combined temperature and humidity sensor.

Using the two sensors will yield more accurate readings from the sauna room.

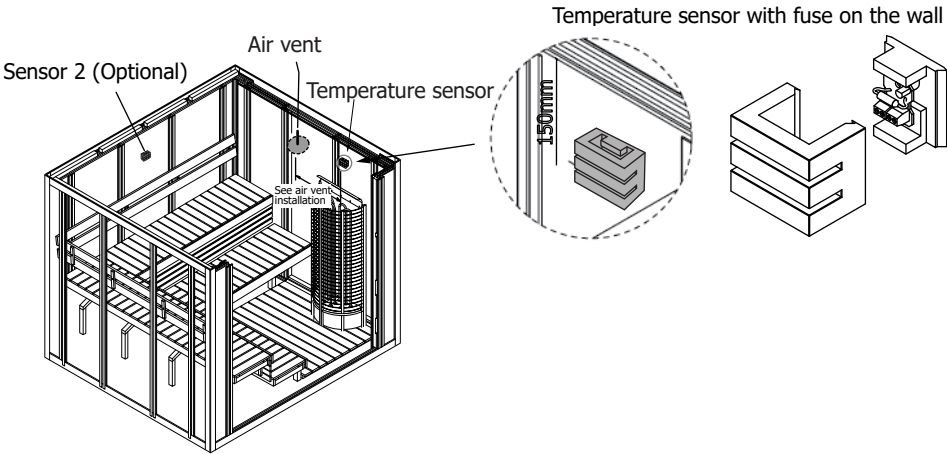
If the heater is mounted on the wall or floor standing less than 200mm from the wall, the first temperature sensor needs to be mounted on the wall above the heater. Place the sensor 150mm from the ceiling (figs. 17 and 18).

However, if the heater is more than 200mm from the wall, place the sensor to the ceiling, over the heater, as shown in the figures 19 and 20.

The optional bench sensor should be mounted on the wall, opposite the heater, with a minimum clearance of 300mm from the ceiling and 1300mm from the floor (figs. 17 and 19). It is designed to measure the bench temperature, so its ideal placement is at shoulder height of the sauna users.

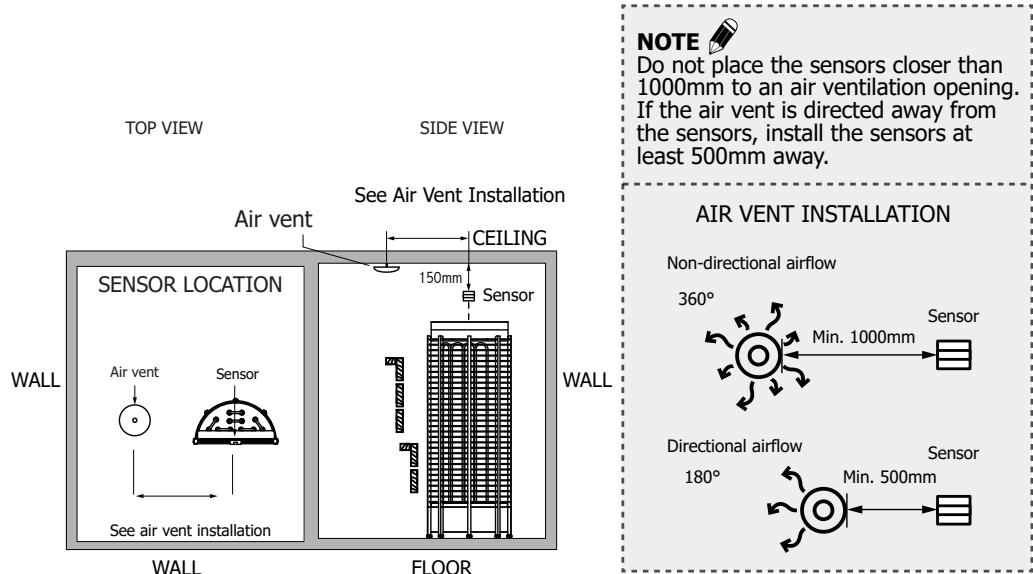
Do not place the sensors near the air ventilation. It will cool them down and cause them to yield an incorrect temperature reading. This could cause the heater to overheat (fig. 20).

Fig. 17 Installing temperature sensors for wall-mounted heaters



Sensor location with heaters mounted on the wall

Fig. 18 Ideal distance between temperature sensors and air vents



Sensor location with heaters mounted on the floor

Fig. 19
Installing a temperature sensor for floor-standing heaters

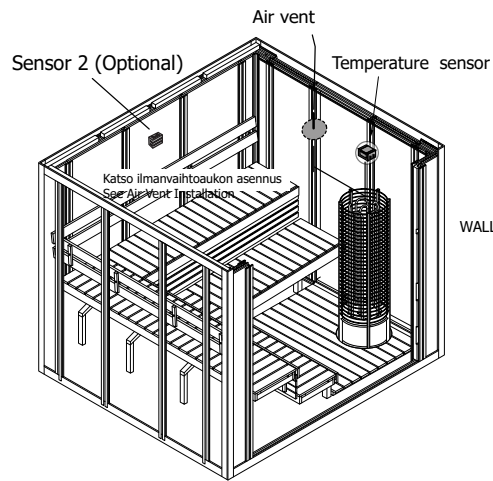
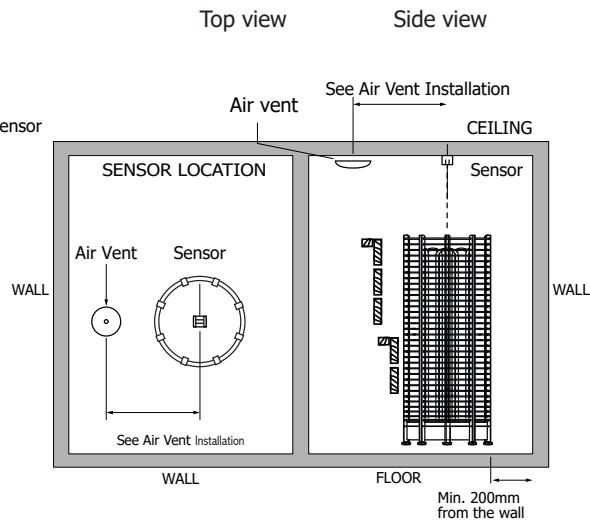


Fig. 20
Ideal distance between floor heater sensors and air vent



Maximum Session Time

The maximum sauna session time depends on the purpose of the sauna. For home saunas, the factory setting for the control unit is 6 hours. You can operate the sauna for no more than 6 hours,* including pre-run time.

For condominiums, hotels, gyms and the like, the operating period of the sauna heater is limited to 12 hours, including the pre-run time and the session time.

For public saunas, the operating time can be set to 18 or 24 hours. If the switch is set to 24 hours, the heaters will stay on within that period. They should be constantly monitored.

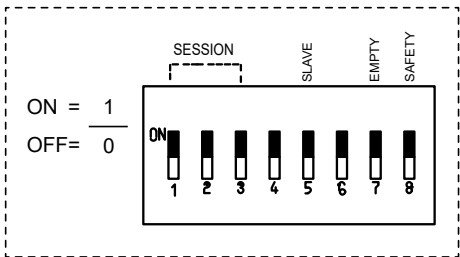
The maximum heater operating time is set using the DIP switches on the power controller (fig. 22). See also DIP switch session time settings (p. 32). Only a qualified electrician can change the settings. The DIP switch should be set following the standards and regulations of the country where the control unit is installed. The default time is 6 hours (fig. 21).

*) IEC 60335-2-53

Fig. 21
Maximum session times for different types of saunas

Sauna Type	Domestic Sauna				Hotels, Condominiums		Public Sauna	
DIP switch 1, 2, 3	001	010	011	000	100	101	110	111
Max. time	1h	2h	4h	6h	8h	12h	18h	24h
	Sauna operating time				Heater operating time		Session time	
Max. pre-run time	5h 15min sauna 5h 45min sauna				99h			

Fig. 22
Jumper for maximum session time



Installing the Power Controller (Fig. 21)

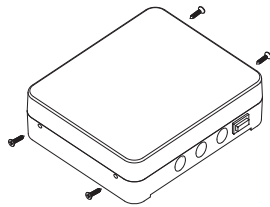
(Before installation, please read "Safety Instructions" on page 4.)

Follow the steps in the illustration below.

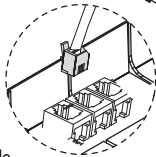
1. Install the power controller in a dry location outside the sauna room, where temperature does not exceed +40C and condensation cannot form inside the unit.
2. Remove the four screws securing the power controller's front cover.
3. For a built-in control, disconnect the RJ cable from the user interface or from the power controller before lifting the front cover.
4. Insert the designated wires to corresponding terminals (see electrical diagram).
5. Drill holes on the wall for the vertical installation of the power controller. Be sure to follow the specified measurements.
6. After completing the wiring connections, fasten the cover using the four screws.

Fig. 23 Power controller installation

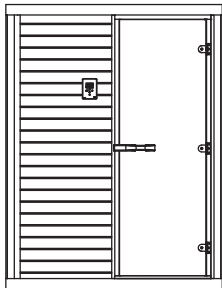
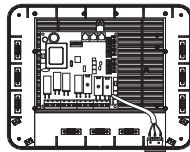
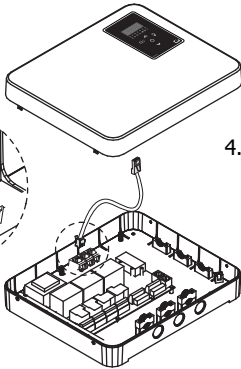
2. Removing the screws to open the controller



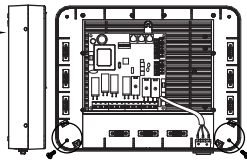
3. Disconnecting the RJ cable
(For built-in control panel)



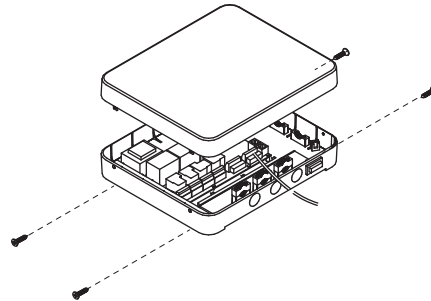
4. Connecting wires to the correct terminals



5. Drilling holes for vertical installation



6. Fastening the controller cover back in place



Door Sensor/Switch

A door sensor is highly recommended for non-household sauna installations. The door sensor disables all pre-run operations if the door is opened while the pre-run countdown is active.

The door sensor also ensures that the door is not open for long periods when the heater is on.

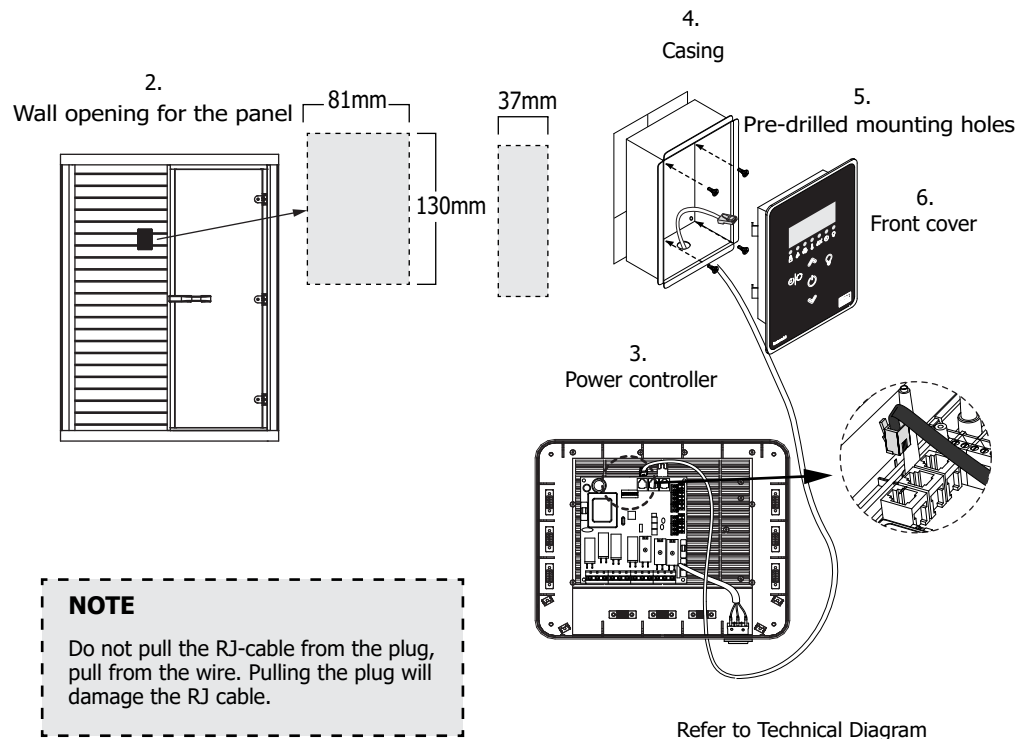
If the heater is on and the door is open for more than 15 minutes, an alarm will sound, and the system will display OPEN on the control interface screen. The heater will switch off automatically.

Installing the User Interface (See diagram)

1. Determine the best location for the control panel. Make sure the installation location follows the minimum and maximum values in the image below.
2. Cut out the wall opening to the specified dimensions for the control panel.
3. Connect the provided RJ cable from the control panel to the power controller.
4. Insert the casing into the wall opening.
5. Mount the control panel to the wall using the pre-drilled mounting holes.
6. Place the panel's front cover securely in position.

Fig. 24 | Installing the user interface outside the sauna room

OUTSIDE THE SAUNA ROOM



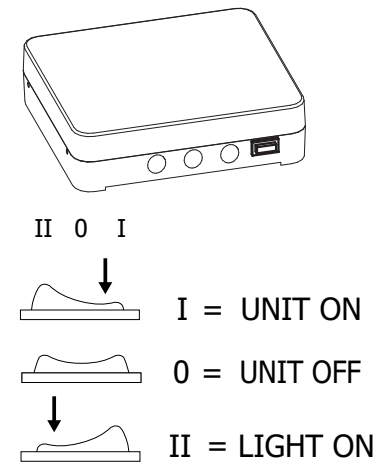
The Power Controller Main Switch

The power controller switch can be found on the top end of the unit. Using this switch, you can isolate the electronics from the mains power supply.

To put the unit into operation, switch to the first position (switch position I). In this position all the control unit's functions work normally.

In case of a breakdown, press the control unit switch on the left part of the rocker to the middle position (switch position 0). The unit is now completely switched off.

To switch on the light in the sauna when the unit is switched off, press on the left part of the rocker to the second position (switch position II).



DIP Switch

DIP Switch Functions

In DIP switch #8, the Safety Switch function is available when it is switched on, and the Door Switch function when it is off. Both functions cannot work at the same time.

*Safety switch

The safety switch is designed to activate when a combustible foreign object comes into contact with the heater.

An open safety switch signals an active safety response; a closed safety switch indicates normal operation.

**Door sensor/switch

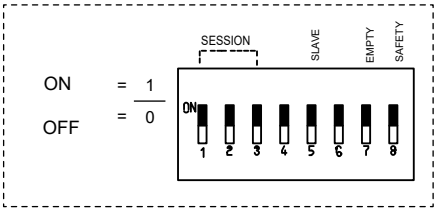
Install a door sensor and connect it to the control. Opening the door signals the control to switch off during pre-run. If the control is in On mode and the door is left open for more than 15 minutes, the control switches off. It will automatically switch on again once the door is closed.

An open sensor circuit indicates the door is closed, while a closed sensor circuit indicates the door is open.

Session Time

Session time can be customized by using the DIP switches on the power controller board.

Fig. 25 | DIP switches corresponding to control unit functions



DIP switch #	Function	ON	OFF
1	Session time		
2	Session time		
3	Session time		
4	Combi time	Combi mode On	Combi mode Off
5	Slave	Contactor	Controller
6	–	–	–
7	Empty	Combi heater with 1 signal (Wm) for water level detection	Combi heater with 2 signals (Empty/Level) for water level detection
8	Safety/door switch	*Safety switch	**Door sensor/switch

Fig. 26 | DIP switches corresponding to session time duration

Session Time	Switch 1	Switch 2	Switch 3
1h	0	0	1
2h	0	1	0
4h	0	1	1
6h	0	0	0

Troubleshooting

If an error occurs, the heater will be switched off. There will be a warning beep and the code for the error will be displayed in the control panel.

See more details on the table below.

WARNING



Only a qualified electrician or maintenance personnel is allowed to perform the service operations and repairs.

Table 1. Common errors and solutions

Code	Problem	Solution
E1	Temperature sensor 1 is not connected.	Check the wire between the sensor and the control unit. If the wires are in good condition and correctly installed, check the sensor.
E2	Temperature sensor 1 is short-circuited.	If the cause of the problem cannot be determined, contact your retailer.
E3	Temperature fuse is defective.	Verify that the thermal fuse is not overheated and has continuity. Check the wire between the sensor and the control unit. Do not use the sauna again until the problem has been determined and resolved. This issue could require installing a new sensor. If the cause of the problem cannot be determined, contact your retailer.
E4	Temperature sensor 2 is not connected.	Check the wire between the bench sensor and the control unit. If the wires are in good condition and correctly installed, check the sensor. The heater can still be used with sensor 1 only, but two sensors are needed for the steamer.
E5	Temperature sensor 2 is short-circuited.	If a new sensor is needed or the cause of the problem cannot be determined, contact your retailer.
E6	Combined temperature / humidity sensor is defective.	
E7	Communication failure.	Check the RJ cable. It should not be routed alongside other cables, which can cause interference problems. Make sure that only one main board is set to Power Controller and the rest are set to Contactor Unit. Check DIP switch setting. If the casuse of the problem cannot be determined, contact your retailer.
E8	Temperature is greater than the maximum temperature.	If this happens, contact a qualified electrician or maintenance personnel before using the sauna again.
OPEN	Safety Switch open or Door sensor open.	Remove any object on the top of the heater or close the door.
E10	PCB overheats.	Check the ventilation of the power controller. The heater will automatically switch on once the power controller has cooled down.

E11	Not connected to a Wi-Fi network.	Go to Step 2: Configuring ESP32 to Connect to the LOCAL WiFi.
E12	Connected to Wi-Fi, but no internet connection.	Ensure that the Wi-Fi network has active internet access. If the problem persists, use RESET AP to reconfigure and reconnect to a different Wi-Fi network.

4 LEDs in the power controller identifies errors.

Table 2. LED screen displays corresponding to errors

ERROR	Description	LED 1	LED 2	LED 3	LED 4
E1	Temperature sensor 1 is not connected.	0	0	0	1
E2	Temperature sensor 1 is short-circuited.	0	0	1	0
E3	Temperature fuse is defective.	0	0	1	1
E4	Temperature sensor 2 is not connected.	0	1	0	0
E5	Temperature sensor 2 is short-circuited.	0	1	0	1
E6	Combined temperature / humidity sensor is defective.	0	1	1	0
E7	Communication failure, or main board is turned off while the contactor is powered by rocker switch.	0	1	1	1
E8	Temperature is greater than the maximum temperature.	1	0	0	0
E9	Safety switch or door sensor open.	1	0	0	1
E10	Power controller is overheating.	1	0	1	0

If E9 occurs, the LED screen displays OPEN while the LED error indicator on the power controller will blink the E9 code.

Table 3. Wi-Fi connection errors without corresponding error codes

Description	Cause / Solution
Unable to connect to the Wi-Fi network	Ensure that the Wi-Fi network has a stable/strong signal.
Wi-Fi Manager does not open automatically	Connect to the SAUNOVA 2.0 PLUS Wi-Fi network, then open a web browser and enter 192.168.4.1 in the address bar.
Wi-Fi does not reconnect after a power interruption	Turn the power controller OFF, then turn it ON again to restart the connection.

Take note of these other possible problems:

- 1. The control unit is working fine, but the heater does not switch on.**
Check the heater's electricity supply to make sure the wires for the sensors are placed in the right terminals in the control unit.
- 2. The control unit cannot display the relative humidity* (*only when the combined sensor is installed).** The combined sensor cannot be recognised. The wires for the sensor are placed in the wrong terminals.
- 3. The control unit does not switch on and emits a clicking sound.**
Check that fuse F1 (near transformer) is properly installed in the fuse holder.
- 4. Pressing a button triggers the system to display dashes (— — —).**
This indicates that the keypad is locked. Unlock the buttons by pressing the Up and Down arrow keys simultaneously for more than 5 seconds. A high beep will confirm the keypad activation and the deactivation.
- 5. E4 or E6 error is shown on the screen.** This signals a problem with the bench sensor. If only one sensor is installed, the steamer cannot be used. Confirm the error by pressing the On/Off button, after which the heater will function normally, but the steamer cannot be used.
- 6. Switching on the steamer displays the DRY prompt on the interface screen.** Make sure the heater's EMPTY and TANK LEVEL terminals are connected to their corresponding terminals in the power controller.
- 7. The steamer is on, and the screen displays the DRY prompt even though the water tank is filled.** Make sure that the terminals EMPTY and TANK LEVEL are connected to the right terminals in the power controller.
- 8. The steamer is switched on and the DRY prompt is displayed immediately.** Make sure that the heater's WB terminal is connected with the TANK LEVEL terminal in the power controller. Switch on DIP switch number 7 (Empty) to disable Empty function.
- 9. When the steamer is switched on, the FILL prompt is displayed continuously.** Check the wiring. Switch on DIP switch number 7 (Empty) to disable the Empty function. In addition, make sure the heater's WB terminal is connected to the TANK LEVEL terminal in the power controller.



Technical Data

Table 4. Technical specifications for Saunova 2.0 Plus

DESCRIPTION	SPECIFICATION
Ambient temperature	0–40 °C
Air humidity	Max. 99% RH
Protection class	IPX4
Voltage	12–18 V DC
Power consumption	Max. 3W
Connection cable	RJ12, 6-pin
Connection details	+12 V DC, GND, RS485 A/B
Maximum cable length	50m
Wi-Fi network	2.4 GHz
Type of mounting	Surface mounting
Weight	358g
Dimensions	(W) 104 x (H) 147 x (D) 37
Installation	Outside the sauna room

Power Ratings

Table 5. Heater control and steamer power ratings

Description	Power Rating	Remarks
Control		
Rated power 3 phases	9.0kW AC1 (3 x 3.0kW)	
Rated voltage 3 phases	400V 3N~	
Rated power single phase	9.0kW AC1	
Rated voltage single phase	230V 1N~	
Frequency	50/60Hz	
Switching capacity per phase	16A	
Sauna temperature range	30 – 110°C	
Maximum session time (hours) (Preset)	1, 2, 4, 6, 8, 12, 18, 24	Restrictions apply according to IEC/EN 60335-2-53
Dimensions SAUNOVA 2.0 S types		
User interface	(W) 104 x (H) 147 x (L) 37	
Power controller	(W) 265 x (H) 245 x (L) 75	
Weight SAUNOVA 2.0 S types		
User interface	350g	
Power controller	1150g	
Weight SAUNOVA 2.0 B types	–	

Description	Power Rating	Remarks
Steamer		
Rated power 3 phases	3.0kW AC1	
Rated power single phase	3.0kW AC1	
Rated voltage	230V 1N~	
Switching capacity	16A (3 phases), 16A (1 phase)	
Maximum sauna temperature for steamer operation	80°C or *55°C * Depending on the type of Sensor 2.	
Automatic water filling		Optional
Cabin Light		Min. 20W Max. 100W
Rating	230V 1N~, 100W AC1	
Fan		Fan without starting capacitor
Rating	230V 1N~, 0.5A	
Fuse		
Fuse F1	32mA – Fuse for electronics	
Fuse F2	1A slow – Fuse for cabin light	
Fuse F3	500mA slow – Fuse for fan and automatic-refilling combi	

Description	Remarks
Sensor	
Temperature sensor with fuse	
Bench Sensors	
Bench temperature sensor	Optional
Bench combined temperature / humidity sensor	Optional

Description	Power Rating	Remarks
Contactor Unit		
Rated power 3 phases	9.0kW AC1 (3 x 3.0kW)	Additional power expansion to max. of 18.0kW
Rated voltage 3 phases	400V 3N~	
Frequency	50/60Hz	
Switching capacity per phase	16A	

CE UK CA IPX 4 EAC  **T40** 

Subject to change without notice.



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