

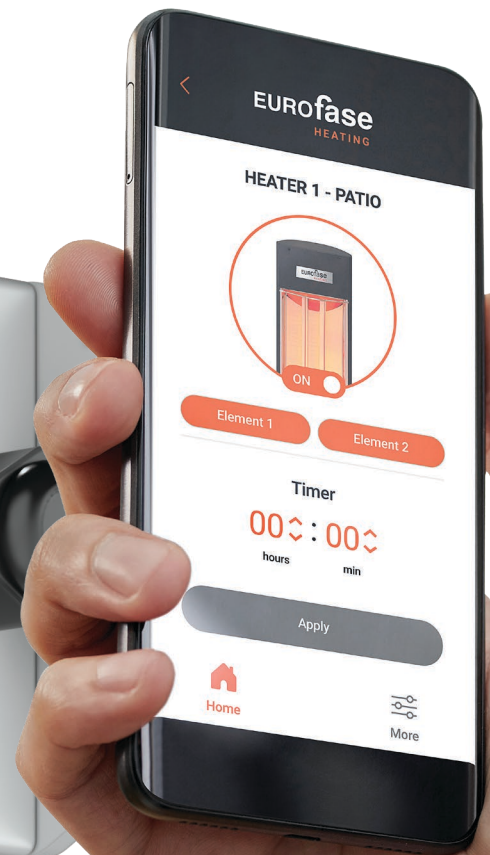
VERSION EFIKWSM06202024

INSTALLATION MANUAL

SMART WIFI CONTROLLER

FOR MODEL EFIKWSM

WORKS WITH THE EUROFASE HEATING APP — AVAILABLE
ON GOOGLE PLAY & APPLE APP STORE.



EUROfase
HEATING



INDOOR &
OUTDOOR
RATED

SAVE THIS MANUAL FOR FUTURE REFERENCE

Read this manual carefully. See inside cover for important information.

**KEEP THIS MANUAL HANDY FOR FUTURE
REFERENCE AND TROUBLESHOOTING.**

THANK YOU

Thank you for choosing Eurofase heating for your heating needs. This guide is designed to help you with the installation and operation of the EFIKWSM Smart WiFi Controller.

To ensure safe and proper installation, please take a few moments to review this manual thoroughly.

KEY SECTIONS

Safety Information (Pages 4-7)

Before beginning installation, carefully read these safety guidelines to avoid injury or damage

Installation Instructions (Pages 11-13)

These detailed steps will guide you through a safe and installation process.

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WARNING

PLEASE READ ALL INSTRUCTIONS PRIOR TO INSTALLING YOUR EUROFASE HEATING WIFI CONTROLLER. A LICENSED ELECTRICIAN IS REQUIRED TO INSTALL THIS PRODUCT.

This manual contains important information about the installation and operation of the Eurofase Heating WiFi Controller. Please pay close attention to the important safety information shown throughout this instruction manual.

Warning

- Before installation or servicing, please review this manual in detail.
- Improper installation or operation can result in death, severe injury, or property damage.
- Use the Eurofase Heating WiFi Controller only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury.
- The Eurofase Heating WiFi Controller is intended for fixed installation in accordance to its rating plate - either 120V, 208V, or 240V max power supply.
- Installation MUST be performed by a licensed and authorized technician in accordance with the National Electric Code (NEC) or Canadian Electrical Code (CEC), along with other local electrical codes as applicable.
- Eurofase Heating WiFi Controllers rated for 240V or less are intended for both residential and commercial use.

SAFETY INFORMATION

THE WIFI CONTROLLER SHOULD ONLY BE USED AS DESCRIBED IN THIS MANUAL. ANY USE NOT RECOMMENDED BY THE MANUFACTURER MAY RESULT IN FIRE, ELECTRIC SHOCK, OR PERSONAL INJURY.

- Use this Eurofase Heating WiFi Controller only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to person (s).
- Improper installation, adjustment, or alteration and failure to follow the warnings and instructions in this manual could result in severe personal injury, death or property damage.
- The manufacturer is not responsible for any damage from improper use. The manufacturer emphasises this Eurofase Heating WiFi Controller should be used in a responsible manner and that all procedures, warnings, and safety instructions contained in this booklet be followed strictly.
- The product must be fixed on surfaces which cannot be damaged by the high temperature. It cannot be hermetically closed. It must be fixed vertically.
- The connection cables must be protected against any accidental impacts, by using proper conduits.
- This Eurofase Heating WiFi Controller is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate Eurofase Heating WiFi Controller where it may fall into a bathtub or other water container.
- Do not install the Eurofase Heating WiFi Controller directly near a bathtub, shower or swimming pool. Any switches or controls must not be within reach of a person in the bathtub, shower or swimming pool.
- Extreme caution is necessary when the Eurofase Heating WiFi Controller is used by or near children or individuals and whenever the Eurofase Heat WiFi Controller or heater is left operating and unattended.
- This Eurofase Heater WiFi Controller is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Keep packaging materials out of reach of children.
- Children and adults should be alerted to the hazards of electrocution and should stay away to avoid serious personal injury.
- Children should be carefully supervised when they are in the area of the Eurofase Heating WiFi Controller.
- Do not attempt to alter the Eurofase Heating WiFi Controller in any manner.
- Do not paint any surface of the Eurofase Heating WiFi Controller.
- Do not touch the Eurofase Heating WiFi Controller with wet hands at any time.
- Do not use or store flammable materials near this appliance.
- Do not spray aerosols or flammable materials in the vicinity of the Eurofase Heating Wi-Fi Controller while it is in operation.
- Never operate the Eurofase Heating WiFi Controller in an explosive environment such as areas where petrol or other flammable liquids or vapours are stored.

SAFETY INFORMATION (CONT'D.)

THIS EUROFASE HEATER WIFI CONTROLLER IS NOT INTENDED TO BE INSTALLED ON RECREATIONAL VEHICLES AND/OR BOATS.

- Do not run cord under carpeting. Do not cover with throw rugs, runners or the like arrange cord away from traffic area and where it will not be tripped over.
- A Eurofase Heating WiFi Controller has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint or flammable liquids are used or stored.
- This Installation manual should not be removed from the site of installation. Installer should leave manual with the customer for future reference.
- Any guard or other protective device removed for servicing (conducted by an authorised person) must be replaced before operating the Eurofase Heating WiFi Controller.
- If the Eurofase Heating WiFi Controller has not been used, or will not be used, for a long period of time, disconnect power supply.
- For the disconnection from the power line, use an all-pole switch with contacts having a dimension of at least 3.5mm.

INSTALLATION

- IMPORTANT - Installation must be carried out by a licensed or authorized person.
- The installer shall ensure the installation in compliance with a local authority, local electrical installation code, municipal building codes, and any other relevant statutory regulations.
- This Eurofase Heating WiFi Controller must only be used no greater than its rating plate that is 120V, 208V or 240V max.

SAFETY INFORMATION (CONT'D.)

MAINTENANCE & REPAIR

- Installation and repair must be carried out by a qualified & licenced service person only. The Eurofase Heating WiFi Controller should be inspected before use and at least annually serviced & inspected by a qualified & licenced service person.
- Do not perform maintenance until Eurofase Heating WiFi Controller has been turned off and power disconnected.
- Check for damage to the Eurofase Heating WiFi Controller regularly. If damage to the appliance is suspected, discontinue use immediately and contact the supplier or qualified person to repair.
- If any conductor is damaged, it must be replaced by an authorized and licenced person in order to avoid a hazard.
- At the end of this product's useful life, it must not be disposed of as domestic waste, but must be taken to a collection centre for waste electrical and electronic equipment. It is the user's responsibility to dispose of this controller through the appropriate channels at the end of its useful life

Failure to do so may incur the penalties established by laws governing waste disposal. Proper differential collection and the subsequent recycling, processing and environmentally compatible disposal of waste equipment avoids unnecessary damage to the environment and possible related health risks, and also promotes recycling of the materials used in the appliance. For further information on waste collection and disposal, contact your local waste disposal service, or the place of purchase.

ELECTRICAL CONNECTIONS

- All connections must be rated according to rating plate that is either 120V, 208V or 240V max power supply, with an earth connection; at no times exceed its rated requirements.
- Arrange all the necessary safety devices and use only materials that comply with standard electrical installations.
- Signal and power voltage wiring must be separated one from the other if the rating voltage is greater than 240VAC.
- The protective device must protect the building from overcurrents and short circuit.
- A readily accessible disconnect device shall be incorporated in the building installation wiring.
- The cable must have a section properly rated according to the load connected and nominal temperature minimum 60°C.

WHAT'S IN THE BOX?

PLEASE INSPECT AND CONFIRM ALL LISTED PARTS ARE INCLUDED IN YOUR PACKAGE.



1. WiFi Controller (x1)

2. Instruction Manual (x1)

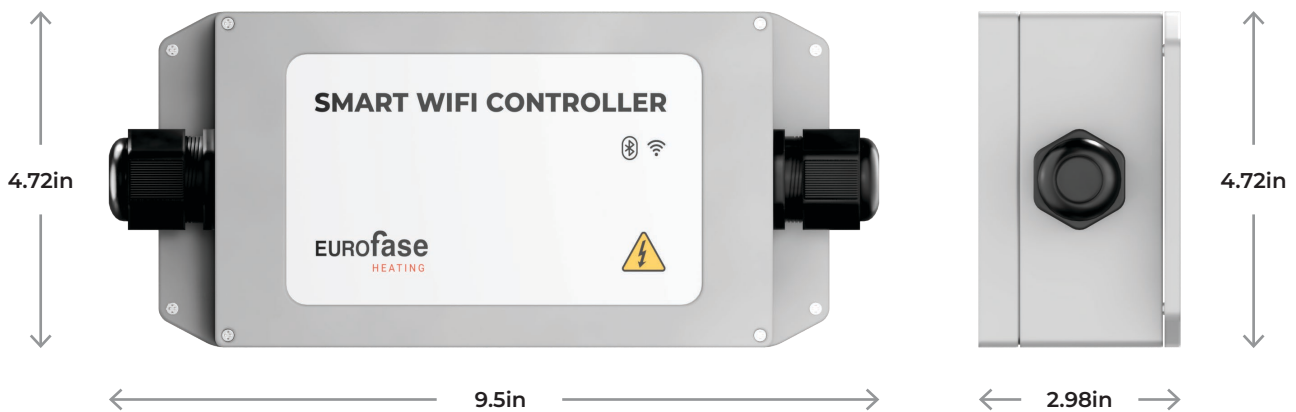
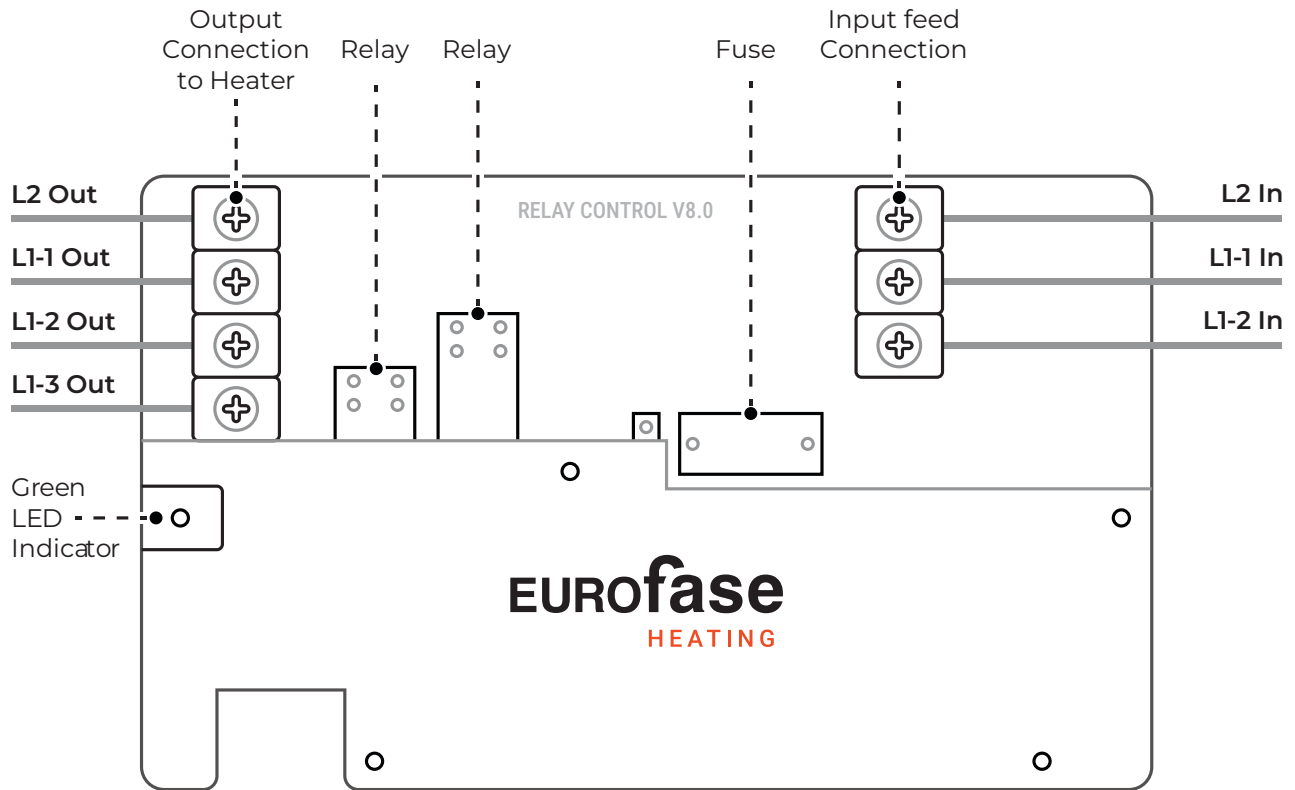
3. Hi-temp Marette

Transform any patio heater into a smart device with the Eurofase Heating Smart WiFi Controller! Effortlessly switch your heaters on or off, toggle high/low settings on dual element heaters, and set a timer using your iPhone or Android device. Whether it's a new installation or a retrofit, the Eurofase WiFi Controller adds convenience to your outdoor heating experience.

To ensure optimized safety, the hardware includes a built-in auto shut-off feature set to activate after 4 hours of use. Additional features include On/Off functionality, High/Low settings (with Dual Element heaters), Timer functionality, and multiple heater management.

The Eurofase Heating WiFi Controller can control heaters with voltages ranging from 120V, 208V or 240V max at the rated amperage.

OVERVIEW



TECHNICAL SPECIFICATIONS

ENVIRONMENT

Temperature	-40 to 257F (-40 to 125C)
Humidity	5% to 85% Relative Humidity (non-condensing)
Location	Indoor/Outdoor

DIMENSIONS & WEIGHT

	Height	Length	Depth	Weight
Module	2.98in / 7.3cm	9.50in / 24.1cm	4.72in / 12cm	1.08lbs / 0.49kg
Shipping	3.5in / 8.92cm	11in / 27.9cm	5.85in / 14.5cm	8oz / 0.22kg

POWER

Inputs (max)	120V AC, 208V AC, 240V AC @ 60Hz, 32 amps
Load Power	7,680W (32 amp resistive load); Max load
Fuse	5x20mm 4A/250V

COMMUNICATION STANDARD

Wireless	Wi-Fi / BT 2.4ghz radio frequency
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REGULATORY

Safety & Emissions	FCC Part 15
Contains FCC ID:	CN 5024
Contains IC:	CN 0071

RoHS

SUPPORTED LOAD TYPES

Standard	Non dimmable circuits
Configurations	Relay On/Off type loads (e.g., appliances)

TERMINALS

Screw tighten torque	1.34 Nm
Conductor type	Copper (Cu)

Minimum supported firmware: v18.00

INSTALLATION SAFETY INFORMATION

Responsibility for determining suitability for use in any application / equipment lies solely on the purchaser. Suitability for use in your application is determined by applicable standards such as UL and cUL and the completed system involving this component should be tested to those standards. Please consult with local authorities and applicable wiring standards for your application.

WARNING

Ensure all mains are isolated before installing. Use this product only with a properly secured heater.

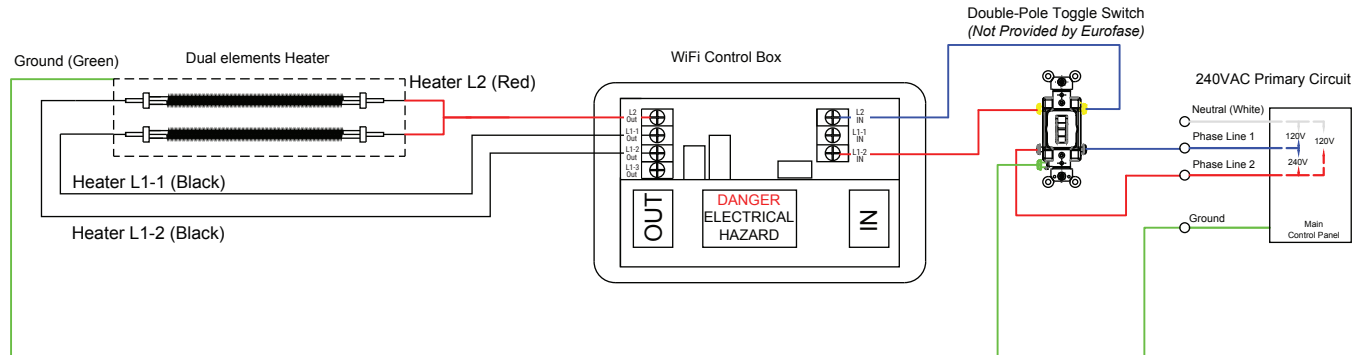
INSTALLATION

It is highly recommended that you review this document in its entirety before you begin your installation. For control over Bluetooth, it is recommended that the Controller not be more than 20 feet away from the heater.

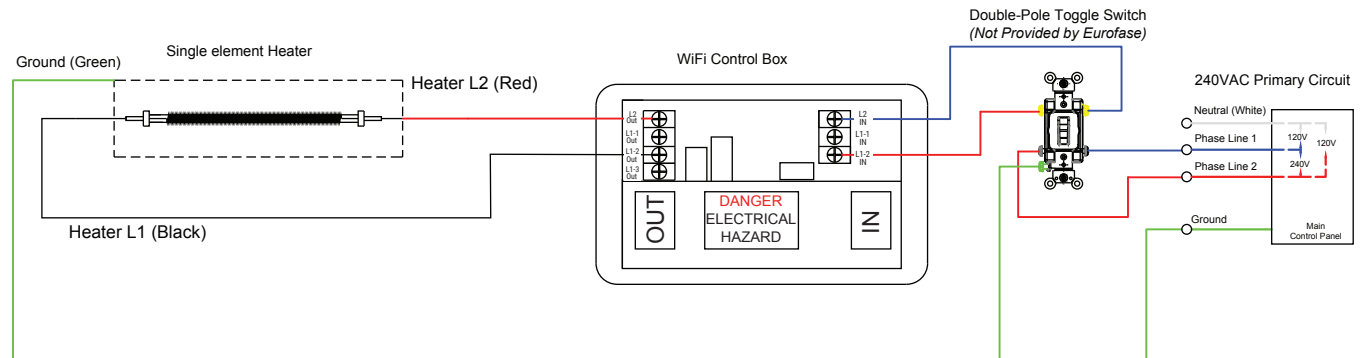
- Mount the WiFi Controller in a suitable location.
- Remove the front cover (4 screws).
- Make the electrical connections for the power feed and the load (heater). Wiring diagrams can be found on page 12.
- Reinstall the front cover (4 screws).
- Download the Eurofase Heating app (page 9) which can be found on the Google Play and Apple app stores.

ELECTRICAL INSTALLATION

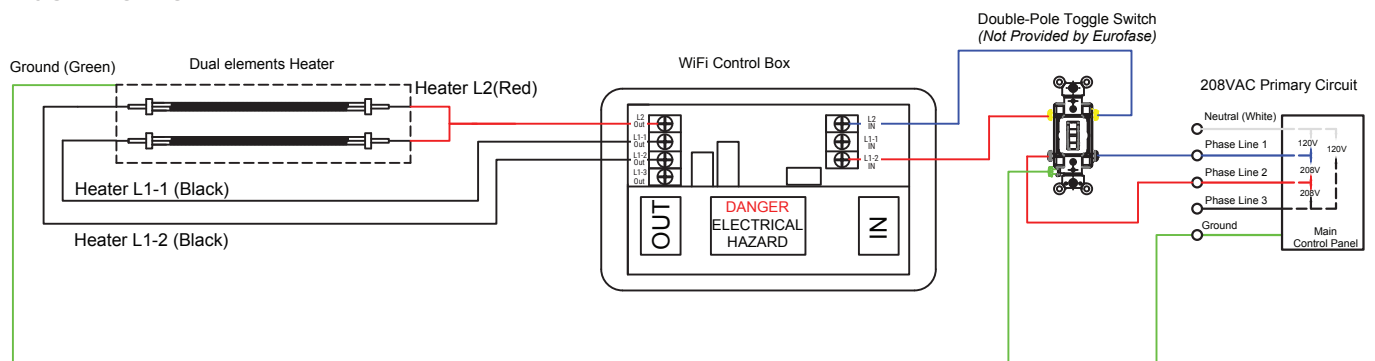
240 VAC DUAL ELEMENT



240 VAC SINGLE ELEMENT



208 VAC DUAL ELEMENT



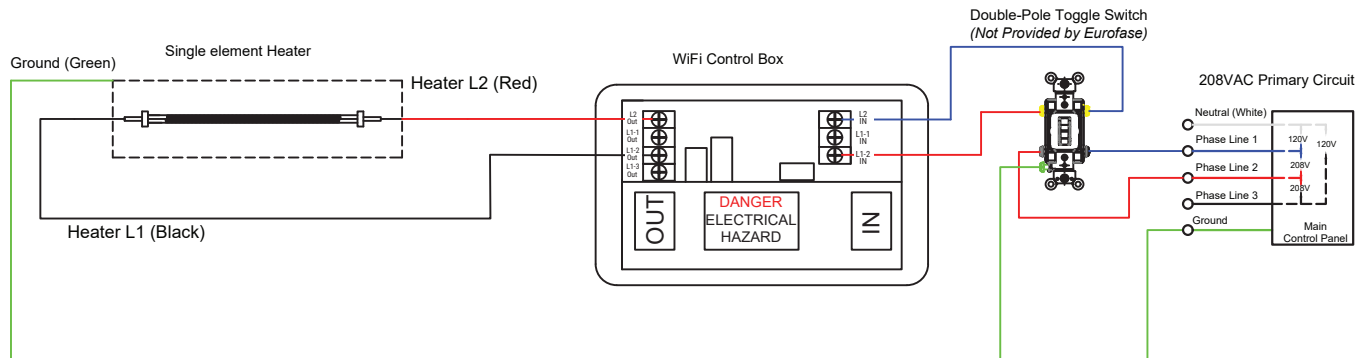
DID YOU KNOW?

Upgrade to our **Universal Relay Control Box** for functionality like smart home integration, variant heat control (Dimming), and thermostat capabilities. Scan the QR code or visit Eurofaseheating.com.

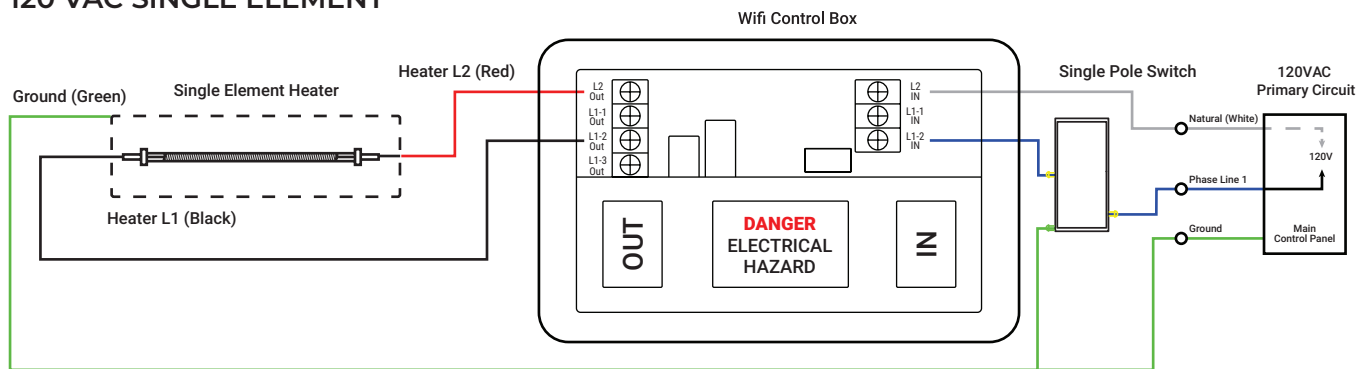


ELECTRICAL INSTALLATION

208 VAC SINGLE ELEMENT



120 VAC SINGLE ELEMENT



DID YOU KNOW?

Upgrade to our **Universal Relay Control Box** for functionality like smart home integration, variant heat control (Dimming), and thermostat capabilities. Scan the QR code or visit Eurofaseheating.com.



APPLICATION SETUP

1. DOWNLOAD THE EUROFASE HEATING APP



android 

Scan this code to download the Android App from the Google Play Store



iOS

Scan this code to download the iOS App from the Apple Store.

Compatible operating systems and devices

The Eurofase mobile app is compatible with most Apple and Android smartphones.

Find & install the app

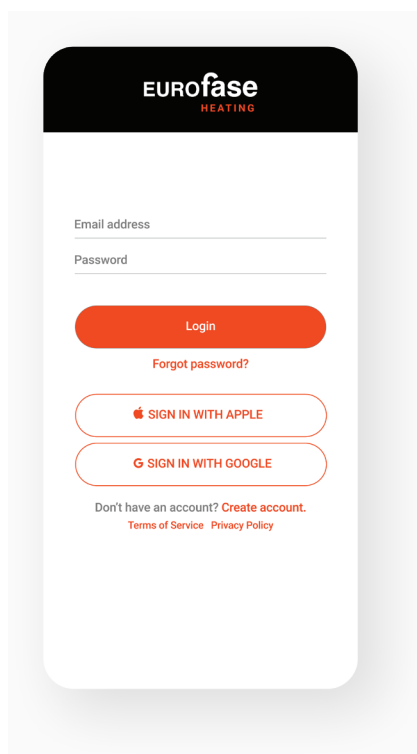
Search for and download the app using the Google and Apple app stores.

Update the app

Regular updates are available via the Google and Apple app stores.

2. LOG IN

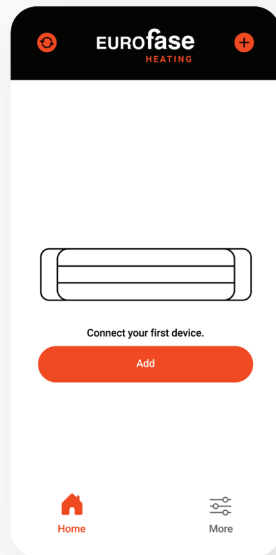
To log in, you must first create a user account and receive a confirmation code via email.



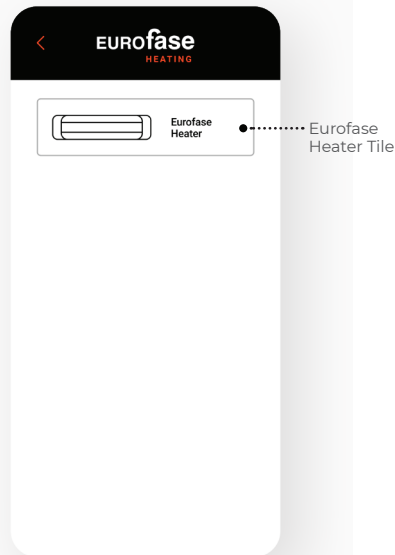
The screenshot shows the login interface of the Eurofase Heating app. At the top, the 'EUROfase HEATING' logo is displayed on a black background. Below the logo, there are two input fields: 'Email address' and 'Password'. A red 'Login' button is positioned below the password field. To the right of the 'Login' button is a link that says 'Forgot password?'. Below these elements are two more buttons: 'SIGN IN WITH APPLE' and 'SIGN IN WITH GOOGLE'. At the bottom, there is a link that says 'Don't have an account? Create account.' followed by links for 'Terms of Service' and 'Privacy Policy'.

APPLICATION SETUP

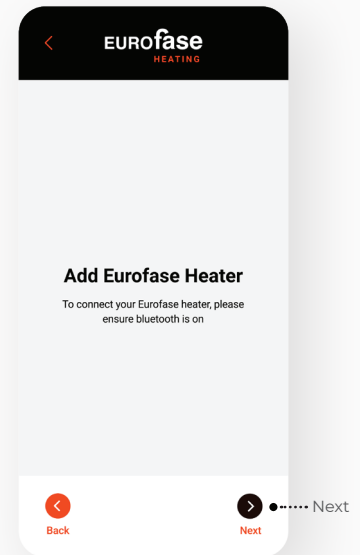
3. SETUP YOUR HEATER



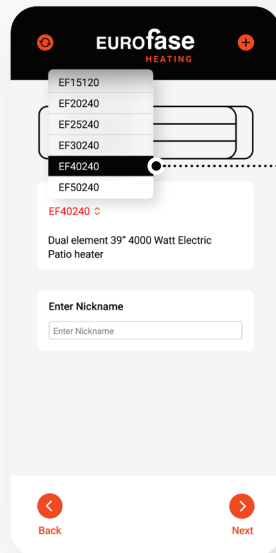
1. Click 'add' to connect your heater.



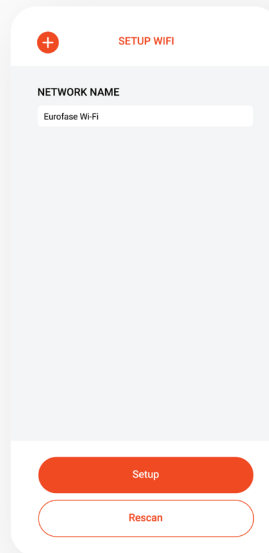
2. Click on the Eurofase Heater tile.



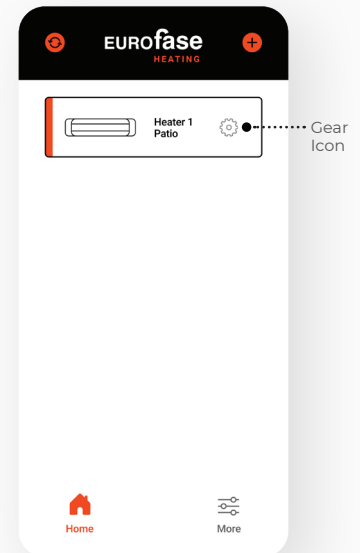
3. Click 'next'.



4. Select your Heater model and enter a nickname.



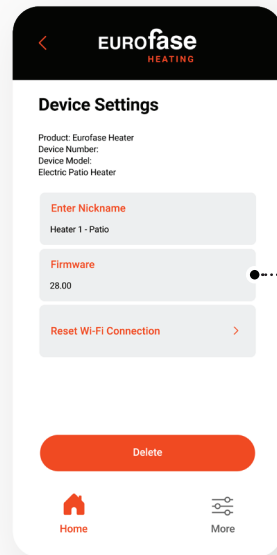
5. Setup your Wi-Fi network - required for timer functionality.



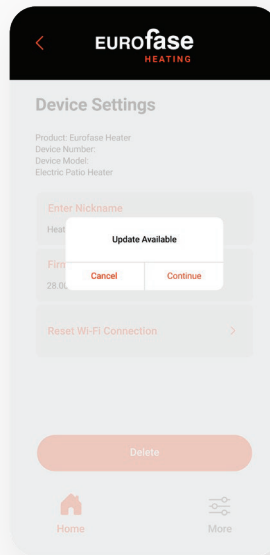
6. Click the gear icon inside the heater tile.

APPLICATION SETUP

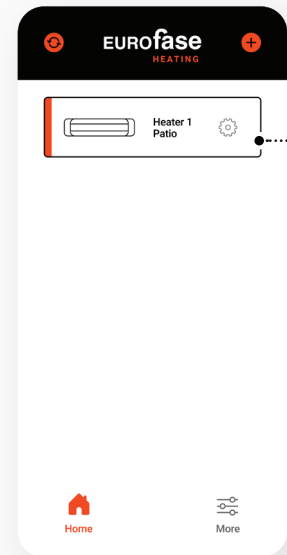
4. UPDATE THE APP AND CONTROL YOUR HEATER



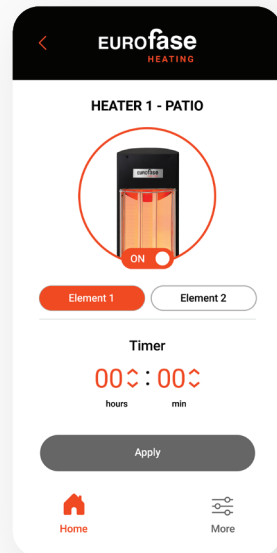
1. Click 'Firmware' to download the latest firmware.



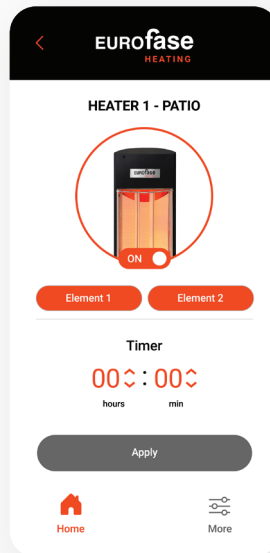
2. Click 'Continue' to update your firmware. Click the 'back' arrow.



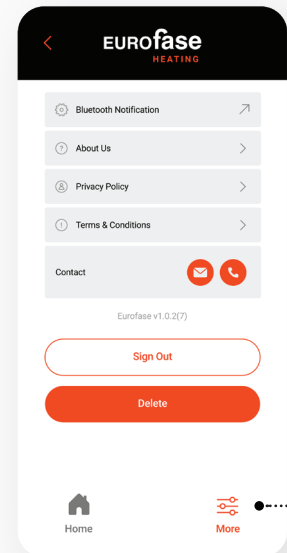
3. Click the heater tile.



4. Click 'Element 1' to turn on the heater at a LOW setting.



5. Click both elements to set the heater to a HIGH setting.



6. Click 'More' to access account settings and support information.

FINAL STEPS:

1. Please ensure all connections are properly made according to the wiring diagram on Page 12.
2. Check the phase line voltage between the two poles of each zone; it should be 120V, 208V, or 240V (line 1 and line 2) or (line 1 and neutral for a 120V installation).
3. Initial testing can be conducted after confirming all electrical connections, starting with on/off functionality through the app.



ELECTRIC SHOCK HAZARD

Serious injury or death may occur. Disconnect from electrical supply before installing or servicing this controller. Read and follow installation requirements outlined in this manual.

⚠️ TURN THE HEATER ON ONLY WHEN NEEDED AND AVOID MISUSE.

Do not use the heater if the ambient temperature exceeds 80°F (26.6°C). Before connecting the appliance make sure that the voltage is the same as indicated on the device and the line supply is corresponding to the relevant electrical code.

This heater MUST be permanently installed. An authorized/licensed electrician is required for hard-wired installation. Do not perform maintenance, or carry out installation or assembly procedure while electrical power is switched on.



Scan to Register

WARRANTY REGISTRATION

This Warranty Registration must be submitted within 30 days of purchase to activate your warranty. This information is for internal use only.

We are proud of our quality and craftsmanship and offer an industry leading warranty on all our products. If your Eurofase Heating products ever disappoint, contact us to repair or replace them within 3 years from the date of purchase.

The contents of this document and the specifications of this product are subject to change without notice. Eurofase reserves the right to make changes to the specifications and materials contained herein without notice. Please contact our customer service department or visit our website at EurofaseHeating.com for the latest instruction manual.

Step outside with Eurofase



NEED ADDITIONAL INFORMATION?

For assistance with the Eurofase heating app, please scan the QR code to the left.

For all other inquiries, contact us at info@eurofaseheating.com or toll free at 1.833.346.6682.



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