electrica

User manual



2 KW SLIM WALL MOUNTABLE PANEL HEATER WITH SMART APP

EPHAL2000W

Thank you for choosing electriQ

Please read the manual before using this heater

and keep it safe for future reference.

Visit our page www.electriQ.co.uk for our entire product range

Welcome to electrica

We hope you're happy with your new purchase.

We'd love to see how you're getting on.

If you share any snaps on your socials, make sure you tag us and use our hashtag.







@electriQUK
#electriQUK

We're here to help

Got a question or need help?

Get in touch with our friendly customer service team.



0330 390 3061 support@electriQ.co.uk Mon - Fri | 9am to 5pm

Unit 2A, Trident Business Park, Neptune Way, Leeds Road, Huddersfield, HD2 1UA

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SAFETY INSTRUCTIONS

IMPORTANT

- Carefully read the instructions before operating the unit
- This appliance is for indoor use only.
- Rating: This unit must be only connected to a 220-240 V / 50 Hz earthed outlet.
- Installation must be in accordance with the regulations of the country where the unit is used.
- If you are in any doubt about the suitability of your electrical supply have it checked and, if necessary, modified by a qualified electrician.
- This heater has been tested and is safe to use. However, as with any electrical appliance use it with care.
- Disconnect the power from the unit before dismantling, assembling or cleaning.
- Avoid touching any moving parts within the appliance.
- Never insert fingers, pencils or any other objects through the guard.
- This appliance 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 the use of the appliance by a person responsible for their safety.
- Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate, or clean the appliance or perform user maintenance.
- Children under 3 years should be kept away unless continuously supervised.
- Children should be supervised to ensure that they do not play with the appliance.
- Some parts of this product can become very hot and cause burns. Particular attention
 has to be given where children and vulnerable people are present.
- Do not clean the unit by spraying it or immersing it in water.
- Never connect the unit to an electrical outlet using an extension cord. If an outlet is not available, one should be installed by a qualified electrician.
- Never operate this appliance if the unit, cord or plug is damaged. Ensure the power cord is not stretched, exposed to sharp object/edges, or routed under the unit.
- Any service other than regular cleaning should be performed by an authorised service representative. Failure to comply could result in a voided warranty.
- Never use the plug as a switch to start and turn off the heater. Use the provided power switch on the rear of the unit.
- Do not use an external timer.
- Do not cover the air inlet or outlet, or place items close to the unit which may restrict airflow, as this may present a fire risk.
- The heater must not be located immediately below a socket outlet.
- Always ensure the unit is secure before operation. Do not use on unstable or uneven surfaces and if wall-mounted, it must be securely attached to a suitable wall.
- Do not move or tilt the unit.

- Avoid keeping the unit in direct sunlight for a long period of time.
- The heater is designed to be used at temperatures above -20°C. If it is exposed to temperatures below this, it must be allowed to warm above this level before operation.
- Do not attempt to repair, disassemble or modify the appliance. This unit contains no user-serviceable parts.
- Always unplug or disconnect the appliance from the mains power supply when not in use, or when moving or cleaning it. Do not pull the cord to unplug the heater.
- Keep the heater clean. Do not allow any object to enter the ventilation or exhaust opening as this may cause electric shock, fire, or damage to the heater.
- Do not use the appliance for anything other than its intended use. It is designed for domestic indoor use only.
- There may be a trace of odour during the first few minutes of initial use, or after a period of storage. This is normal and will quickly disappear.
- This appliance has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or any flammable liquids are used or stored.
- Never locate this appliance where it may fall into a bathtub or otherwise become exposed to water.
- This appliance is IP24 rated, and so can be used or installed within a bathroom as long as the appliance and its cables are not within Zones 0-2.
- If used within a bathroom, the circuit must be protected by a suitable RCD to prevent electric shock.
- Do not allow the appliance to be submerged or sprayed with water.
- If the unit is wall-mounted, it must be installed in accordance with current regulations for the area of installation. If unsure, professional advice should be sought.
- **WARNING:** To reduce the risk of fire or electrical shock, DO NOT use this appliance with any solid-state Speed Control Device or any variable speed controllers.



THIS SYMBOL MEANS DO NOT COVER, IN ORDER TO AVOID OVERHEATING. DO NOT COVER OR OBSTRUCT ANY OF THE HEAT OUTLET GRILLES OR AIR INTAKE OPENINGS OF THE HEATER.

ENERGY SAVING AND UNIT SAFETY PROTECTION TIP

- Do not cover or restrict the airflow. Do not use in a dusty environment.
- For safety and maximum performance, when used as a portable unit the minimum distance from a wall or objects should be 50cm.

PRODUCT OVERVIEW



INSTALLATION

The heater can be fitted with the supplied legs to be used as a portable unit or wall mounted. Do not use the unit without the legs unless it has been wall-mounted.

FITTING THE LEGS



Unscrew the two screws holding the wall mounting bracket to the back of the body and keep them in a safe place. This will allow future wall mounting options.

Attach the legs by securing them to the base of the heater using the screws provided.



WALL MOUNTING

Before drilling any holes, it is the installers' responsibility to ensure that there are no pipes or cables which may be damaged during installation. The unit should not be plugged in until installation is complete.

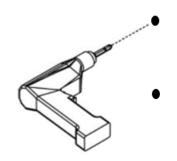


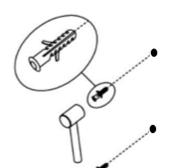
Unscrew the two screws holding the wall mounting bracket to the back of the body.

Place the wall bracket in position on the wall, using a spirit level to ensure it is straight.

Mark the position of the mounting holes using a Pencil.

Drill the holes at the marked position using a suitable drill bit.



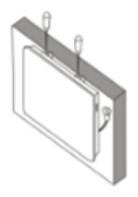


Insert the wall plugs into the holes before fixing the bracket to the wall using the supplied screws.

Ensure that the bracket is secure.

Fit the heater into the wall bracket, ensuring it is correctly positioned and the screw holes line up.

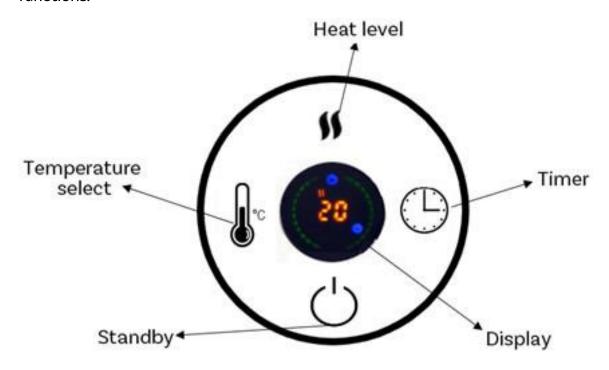




Tighten the two screws on the top of the bracket, ensuring the unit is secure, before connecting the power.

OPERATION

NOTE: The touch screen buttons located on the product correspond to the remote-control functions.



POWER	When the heater is plugged in, use the standby button to turn the appliance on. The display will show the current room temperature.			
()	Child lock function: To enter the child lock function, press and hold the power button for 3 seconds. During child lock, all buttons will be locked to prevent misuse. To exit child lock, press and hold the power button for 2 seconds.			
HEAT LEVEL	Press this button to switch between Low and High heat.			
TEMPERATUR °C E	Press the temperature button to select the desired room temperature between 5-40°C. After pressing the button, the first time, the unit will show the desired temperature to allow adjustment. After a few seconds of no input, it will return to showing the room temperature.			
TIMER	 The built-in timer will allow you to set the unit to turn off after a set period of time. While the unit is operating, repeatedly press the timer button to set the duration Once the set time has elapsed, the unit will turn off automatically. Press the POWER button before the time has elapsed, the timer will be cancelled and the unit will turn off. 			

CONNECTING THE APPLIANCE TO WIFL

DOWNLOAD THE APP TO YOUR PHONE

Download the" TUYA SMART" app, from your chosen app store, using the QR codes below, or by searching for the app in your chosen store.





Android

IOS

MODES AVAILABLE FOR SETUP

The heater has two different setup modes, Quick Connection and AP (Access Point). The quick connection is a quick and simple way to set the unit up. The AP connection uses a direct local WiFi connection between your phone and the heater to upload the network details.

To turn the WiFi on press and hold the HEAT LEVEL button for 3-5 seconds until the heater bleeps. The WiFi symbol will flash quickly to indicate the unit is in quick connection mode.

Please ensure your device is in the correct WiFi connection mode for the connection type you are attempting, the flashing WiFi indicator on your heater will indicate this.

Connection Type	Frequency of Flashes
Quick Connection	Flashes twice per second
AP (Access Point)	Flashes once per second

CHANGING BETWEEN CONNECTION TYPES

To change the unit into AP mode, with the appliance in Quick Connection Mode, press and hold the HEAT LEVEL button for 3-5 seconds until the heater bleeps.

To change back to Quick connection mode, press and hold the HEAT LEVEL button for 3-5 seconds until the heater bleeps.

REGISTERING ON THE APP

- 1. Open the app, read the User Agreement & Privacy Policy, and press Agree.
- 2. On the login screen, select Sign Up.
- 3. Select your country and enter your email address.
- 4. Tick the box to agree to the terms and conditions.
- 5. Press Get Verification Code.
- 6. Check your email inbox and enter the six-digit code in the app.
- 7. Set a password (6 to 20 characters, including letters and numbers).
- 8. Select or deselect Service Maintenance & Improvement Activity and Personalised Recommendations based on your preference.
- 9. Press Go to App. You will now be taken to the Tuya Smart home screen.

NOTE: After signing in to the Tuya Smart app for the first time, a pop-up message may appear on the home screen. Follow the on-screen instructions to enable or access additional home screen features.

SETTING UP THE WI-FI (2.4GHZ CONNECTION)

NOTE: If you are unsure about your router settings, contact your **internet provider** for assistance.

To connect the unit via Wi-Fi, ensure your router supports dual-band Wi-Fi (2.4GHz and 5GHz) and that the 2.4GHz band is available. You can check this in one of the following ways:

- 1. **If your router already has a 2.4GHz network**, temporarily disable the 5GHz band while setting up the unit. You may re-enable it after setup.
- 2. **If your router does not have a separate 2.4GHz network**, enable it through your router settings:
 - Open a web browser and enter your router's IP address (found on the back of your router).
 - Log in to your router settings and look for Wi-Fi or network settings.
 - Follow your provider's instructions to enable 2.4GHz Wi-Fi.
- 3. Alternatively, contact your internet provider to assist with enabling 2.4GHz Wi-Fi.

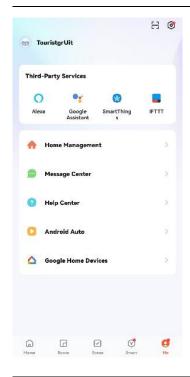
Once the 2.4GHz network is enabled, connect your phone to it before setting up the unit.

BEFORE YOU START

- Decide whether you will connect the unit via Bluetooth, Wi-Fi (2.4GHz only), or both.
- Place the unit close to the router during initial setup.
- Ensure the unit remains within range of the Wi-Fi signal for normal operation.
- Please note that all app images and diagrams are solely for illustrational purposes, as it is subject to continual improvement and further updates.

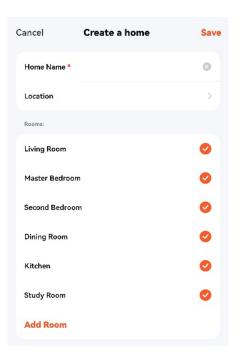
SETTING UP YOUR HOME WITHIN THE APP

TUYA is designed to work with many compatible smart devices within your home and multiple devices within different houses. As such, during the setup process, the app requires that different areas be created and named to allow easy management of all your devices. When added, devices are assigned to one of the rooms you created.



TO CREATE A HOME

- 1. Press Me on the bottom right of the Home screen.
- 2. Press Home Management, then Create a Home button.
- 3. Type in a name for your home.
- 4. Press the location button to select the location of your home. (See SETTING YOUR LOCATION below)
- 5. New rooms can be added by pressing the Add another room option at the bottom.
- 6. Untick any rooms that are not required on the app.
- 7. Press Save in the top right corner.

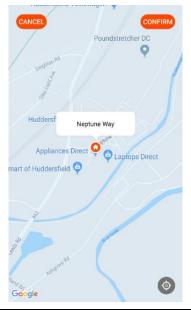


SETTING YOUR LOCATION

Use your finger to move the orange Home Type in the room's name, and press Done in symbol.

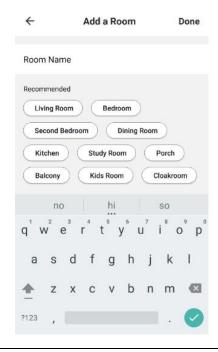
When the symbol is in the approximate location of your home, press the confirm button in the

top right corner.



ADD ANOTHER ROOM

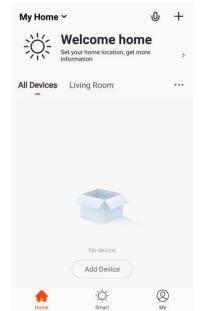
the top right corner.



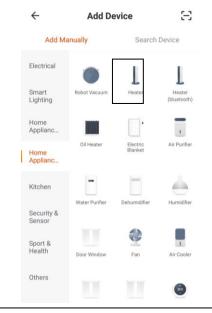
CONNECTING USING THE QUICK CONNECTION METHOD

Before initiating the connection, make sure the WiFi indicator is flashing twice per second. If not follow the instructions for changing the connection mode. Also ensure your phone is connected to the WiFi network. (We advise turning mobile data off during setup)

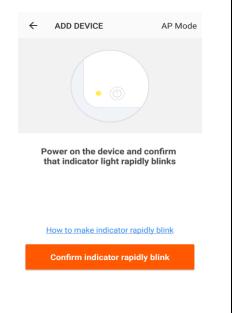
 Open app and press "+" to add device, or use the add device button.



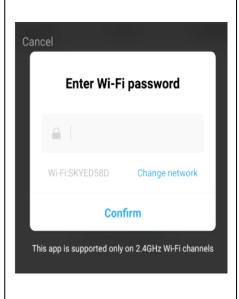
2. Select the type of device as "Heater" within the Home Appliance tab.



3. Press on the orange button at the bottom of the screen.



4. Enter your Wi-Fi password and press confirm.



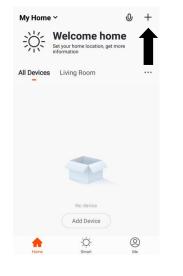
5. This will then transfer the settings to the heater. Wait for this to complete. If this fails, retry.



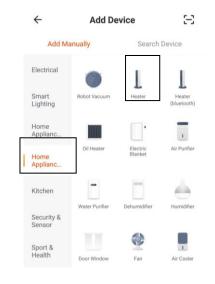
CONNECTING USING AP MODE (ALTERNATIVE METHOD)

Before initiating the connection, make sure the unit is in standby mode, with the WiFi Indicator flashing once per second. If not follow the instructions for changing the WiFi connection mode. Also ensure your phone is connected to the WiFi network. (We advise turning mobile data off during setup)

1. Open app and press "+" to add device, or use the add device button.



2. Select the type of device as "Heater" within the Home Appliance tab.



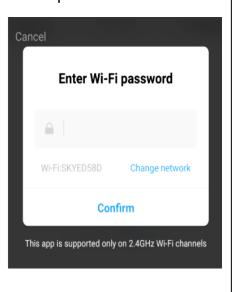
3. Press on the AP mode button in the top right of the screen.



4. Ensure the WiFi indicator on the heater is slowly flashing (once per second), then press on the orange button at the bottom of the screen to confirm.



5. Enter your WiFi password and press confirm.



6. Go to network settings in your phone and connect to the "SmartLife xxx" connection. There is no password to enter. Then return back to the app to complete setup.



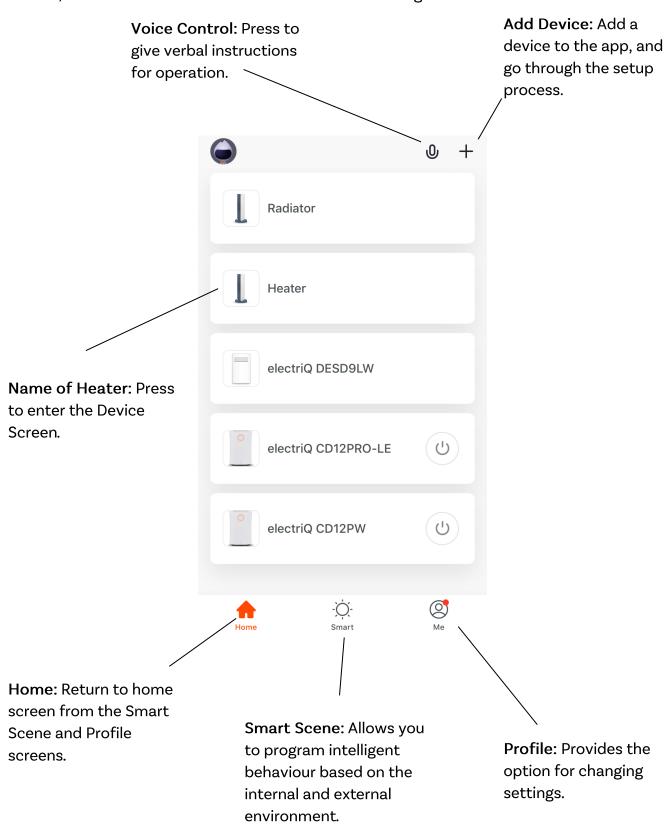
This will then transfer the settings to the heater.

Once the connection process has completed, go back to the network settings on your phone to ensure your phone has reconnected to your WiFi router.

CONTROLLING YOUR APPLIANCE THROUGH THE APP

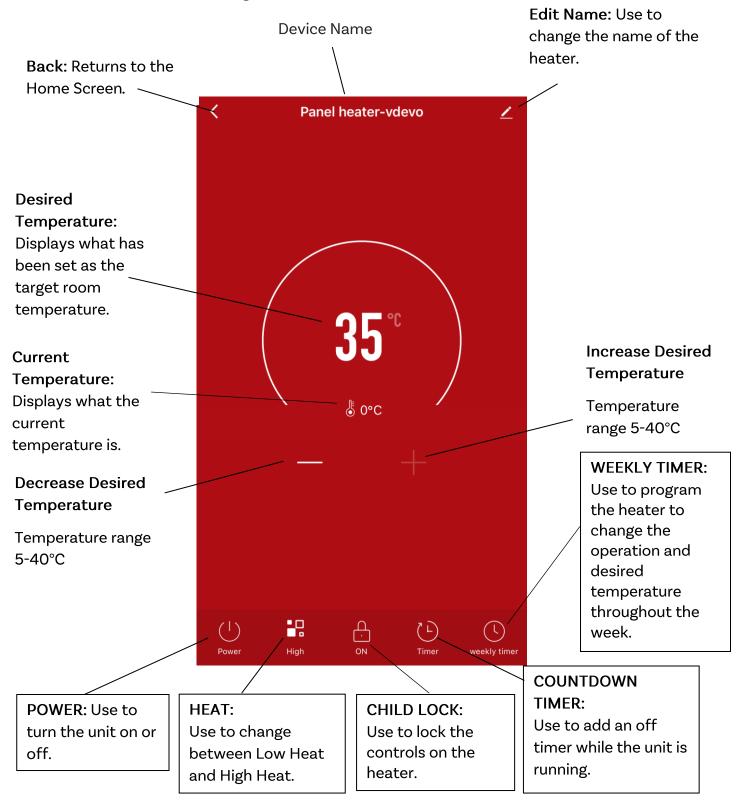
THE HOME SCREEN

Each device has its own entry on the home screen to allow the user to either quickly turn the unit on or off, or to enter the device screen to make other changes.



DEVICE SCREEN

The device screen is the main control screen for the heater, providing access to the controls to amend the functions and settings.



NOTE: Due to continuous development of the app, the layout and available features may be subject to change.

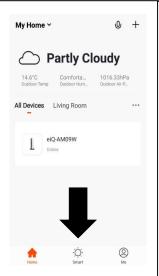
SMART SCENES

Smart Scenes is a powerful tool providing the option to customize the operation of the air heater based both on conditions within the room and outside influences. This gives the user the option of specifying much more intelligent actions. These are split into two categories Scene and Automation.

SCENE

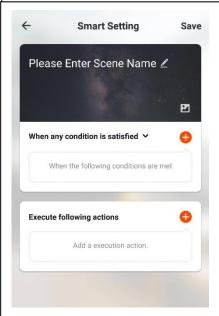
Scene allows for a one touch button to be added to the Home Screen. The button can be used to change a number of settings in one go, and can change all the settings within the unit. A number of scenes can easily be setup, allowing the user to easily change between a number of preset configurations. Below is an example of how to set up a scene:

 Press on the Smart tab at the bottom of the Home screen.



2. Press on the Plus in the top right corner or on Add Scenario to add a smart scene.

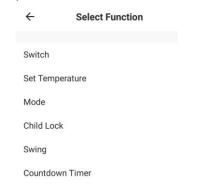




3. Press the Pen next to "Please Enter Scene Name" to input the name for your Scene

Show on Dashboard: Leave this on if you require the scene to be displayed as a button on the Home Screen

Press the Red Plus to add the action required. Then select the heater from the list of devices. 4. Choose the function, set the value for the function, and then press the back button in the top right corner, to return to the previous screen.

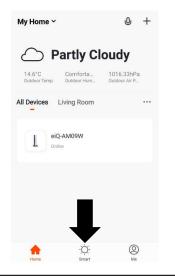


6. Once all the functions required have been added, press the Save button in the top right corner to finalize and save your new Scene. It will then be saved to the home screen.

AUTOMATION

Automation allows an automatic action to be set up for the device. This can be triggered by the Time, and a range of other influences, depending what other TUYA enabled devices you have on the network.

1. Press on the Smart tab at the bottom of the Home screen.



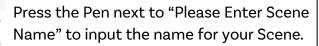
2. Press on the Automation tab at the top of the screen.



3. Press on the + at the top of the screen or press on Add Automatic Action.



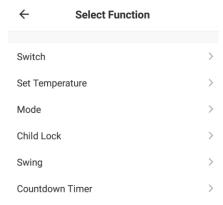
4. Setup is very similar to the scene setup on the previous page, and includes an extra section for specifying a trigger for the scene to start.



Press the Red Plus next to "When any condition is satisfied" to add the trigger.

Press the Red Plus next to "Execute following actions" to add the action required. Then select the heater from the list of devices.

5. Select the condition when the automation should start. A number of triggers can be combined.



6. Chose the function, set the value for the function, and then press the back button in the top right corner, to return to the previous screen.

Select Function

Switch

Mode

Child Lock Swing

Set Temperature



7. Once all the functions required have been added, press the Save button in the top right corner to finalize and save your new scene.

The automation is now set up, it can be turned on and off using the toggle on the home page.

PROFILE TAB

THIRD-PARTY SERVICES

Integrate your devices with voice assistants and automation services for hands-free control and smart scheduling.

Alexa / Google Assistant / SmartThings / IFTTT

 These options let you link your Tuyacompatible devices to third-party platforms for voice commands, routines, or advanced automation workflows.

HOME MANAGEMENT

Allows you to manage your Tuya smart home environment.

- Create and customize homes
- Add or remove rooms
- Share control of devices with family members or housemates

MESSAGE CENTER

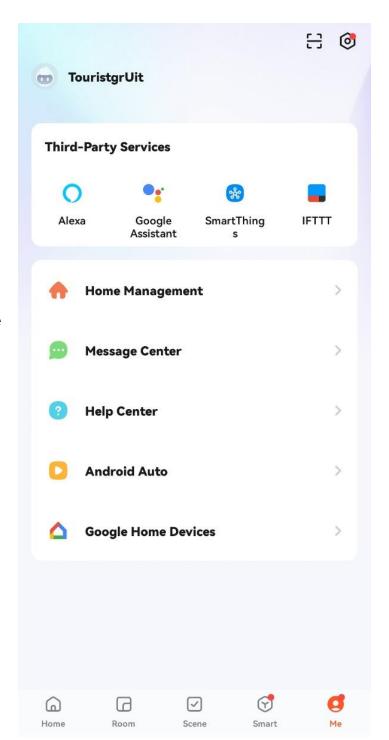
Shows system and device notifications.

- View alerts from smart devices (e.g., if an alarm is triggered)
- See activity logs or system messages related to your setup

HELP CENTER

Offers FAQs and basic troubleshooting support.

- Browse frequently asked questions
- Learn how to use features or solve common problems
- Find contact options for support (depending on region)



CLEANING AND MAINTENANCE

ATTENTION: Please shut off the unit and unplug from the mains before cleaning or performing any maintenance.

CLEANING THE SURFACE

- Clean the heater with a duster or a soft wet cloth.

 Do not use chemical solvents (such as benzene, alcohol or gasoline) as they may cause irreversible damage. Make sure no water enters the control panel or gaps in the casing.
- Do not run the unit until completely dry.
- Place the heater in its original box or cover to protect it from dust when not in use.
- Store it in a cool dry place.

TECHNICAL DATA

Model no.	EPHAL2000W
Voltage	220V-240V 2.0kW
Frequency	50 / 60 Hz
Max power	1000W/1800-2000W
IP Rating	IP24
Product Dimensions	920X240X430MM

TROUBLESHOOTING

Do not repair or disassemble the unit yourself. Unauthorised repair attempts will invalidate the warranty and may cause bodily harm.

ISSUE	POSSIBLE CAUSE	POSSIBLE SOLUTION
No power	 The power cord is unconnected. There is no power from the socket. The power switch on the rear of the unit is turned off. 	 Connect the power cord. Check socket is turned on. Ensure the power switch on the rear of the unit is in the on position
Odour emission from the unit	1. New unit. When the unit is used for the first time, the fan motor may produce an odour which will dissipate within a week of use.	1. No action required.
Strong vibrations and noise	1. The unit is not placed on a flat surface.2. The unit may be damaged.	 Place on a flat surface. May put an anti-vibration mat underneath. If the heater is damaged, discontinue use and contact the service centre.

Please contact the service centre if the above solutions do not resolve the problem.

WI-FI CONNECTION TROUBLESHOOTING (TUYA SMART APP)

If you experience difficulties connecting your device to the Tuya Smart app, refer to the table below for common issues and solutions.

ISSUE	POSSIBLE CAUSE	POSSIBLE SOLUTION
Device not found during setup	 The appliance is too far from the router. The mobile phone is connected to a 5GHz network. Wi-Fi interference or weak signal. 	 Ensure your phone is connected to a 2.4GHz Wi-Fi network. Place the appliance closer to the router during setup. Restart your router and phone before retrying.
Wi-Fi indicator not blinking	Device is not in pairing mode.Incorrect pairing mode selected.	 Press and hold the HEAT LEVEL button for 5 seconds until the indicator begins blinking. NOTE: Blinks twice per second = Quick connection (default) Blinks once per second = AP Mode Try both Quick connection and AP modes if necessary.
Unable to connect to Wi- Fi	Incorrect Wi-Fi password.Router limitations or signal issues.	 Verify the Wi-Fi password is correct. Avoid Wi-Fi names (SSID) with special characters. Ensure your router is not using MAC filtering or firewall blocks. Place the device closer to the router during setup.
The device was added but did not respond in the app	Connection was incomplete.App lacks required permissions.	 Restart the Tuya Smart app and check if the device responds. Ensure the app has access to Bluetooth, Location, and Nearby Devices in your phone's settings. Remove and re-add the appliance if needed.
Stuck during pairing	 Too many connection attempts in a short time. Wi-Fi signal interruption. 	 Wait at least 10 seconds before restarting the pairing process. Switch between connection modes if one fails. Power cycle the device before retrying.
Frequent disconnection s	Weak Wi-Fi signal.Network instability.	 Move the router closer or use a Wi-Fi extender. Keep the device away from thick walls or electronic interference (e.g., microwave ovens). Ensure the router firmware is up to date.

WARNING: Do not attempt to open, disassemble, or modify the unit. Doing so may result in electric shock, damage to the appliance and voiding of the warranty.

If the above troubleshooting is unable to fix the issue, you may refer to your internet provider for issues concerning network connections and may find suitable fixes for Tuya-related issues or queries on the link: https://support.tuya.com/en/help.

If issues persist, please do not hesitate to contact customer service.

electriQ UK SUPPORT

www.electriQ.co.uk/support

Please, for your own convenience, make these simple checks before calling the service line.

If the unit still fails to operate call: 0330 390 3061 or complete the online form.

- 1. Is the unit plugged into the mains?
- 2. Is the fuse OK?
- 3. Switch the unit off and wait three minutes to see if the issue is resolved. Restart the unit.

Office hours: 9AM - 5PM Monday to Friday

www.electriQ.co.uk

Unit 2A, Trident Business Park,

Neptune Way, Huddersfield,

HD2 1UA

Disposal: Do not dispose this product as unsorted municipal waste. Collection of such waste must be handled separately as special treatment is necessary.



Recycling facilities are now available for all customers at which you can deposit your old electrical products. Customers will be able to take any old electrical equipment to participating civic amenity sites run by their local councils. Please remember that this equipment will be further handled during the recycling process, so please be considerate when depositing your equipment. Please contact the local council for details of your local household waste recycling centres.

PRODUCT FICHE

ltem	Symbol	Value	Unit	Item	Unit
Heat Output				Type of heat output/room temperature control (select one)	
Nominal heat output	P _{nom}	2,000	kW	Single-stage heat output and no room temperature control	No
Minimum heat output	P _{min}	1,000	kW	Two or more manual stages, no room temperature control	No
Maximum continuous heat output	P _{max,c}	2,000	kW	With a mechanical thermostat, room temperature control	No
Power consumption				With electronic room temperature control	No
In off mode	Po	N/A	w	With electronic room temperature control plus a day timer	No
In standby mode	P _{sm}	0,41	w	With electronic room temperature control plus a week timer	Yes
In idle mode	P _{idle}	0,41	W	Other control options (multiple selections possil	
In network standby mode	P _{nsm}	0,45	w	room temperature control with presence detection	No
Standby mode with display of information or status Yes		Yes	With electronic room temperature control	No	
Seasonal space heating energy efficiency in active mode	η _{s,on}	92%		With distance control option	Yes
				With adaptive start control	No
				With working time limitation	Yes
				With a black bulb sensor	No
				self-learning functionality	No
				control accuracy	No

PSTI STATEMENT OF COMPLIANCE

Description: electriQ 2000W Smart Wall Mountable Panel Heater with Thermostat and

Weekly Timer

Model Number: EPHAL2000W

Manufacturer: electriQ, 2A Trident Business Park, Leeds Road, Huddersfield, HD2 1UA

PSTI Contact: TiSecurity@buyitdirect.co.uk

We have prepared this statement of compliance and can confirm that this product is compliant with the deemed compliance conditions in Schedule 2 of The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023.

Duration of security updates: 30/04/2029. This date is correct at the time of printing, but we may be extended. Please visit www.electriQ.co.uk for the latest information and details of our PSTI compliance.

Richard Leach

Compliance and Quality Manager, Buy It Direct, Huddersfield

13th August 2025

EU DECLARATION OF CONFORMITY

Hereby, electriQ declares that these electric heaters are in compliance with Directive 2014/53/EU.

The full text of the EU Declaration of Conformity is available at the following internet addresses:

https://appliancesdirect.co.uk/files/DOC/EU/EPHAL2000W.pdf

UK DECLARATION OF CONFORMITY

Hereby, electriQ declares that these electric heaters are in compliance with the Radio Equipment Regulations 2017.

The full text of the EU Declaration of Conformity is available at the following internet addresses:

https://appliancesdirect.co.uk/files/DOC/UK/EPHAL2000W.pdf

