



# WALL MOUNTABLE CONVECTION PANEL HEATER

# EGH25AWB (Black) EGH25AW (White)

Thank you for choosing electriQ Please read this user manual before using this heater and keep it safe for future reference. Visit our page www.electriQ.co.uk for our entire range of Intelligent Electricals

# **SETTLING IN OK?**

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Our community awaits your uploads - Snap, tag and hashtag away!



# WE'RE HERE TO HELP

Should you have any problems or questions with your purchase, please contact a member of our 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

# CONTENTS

SAFETY INSTRUCTIONS	4
INSTALLING WITHIN A BATHROOM	6
FEATURES	7
PARTS LIST	7
SETTING THE UNIT UP FOR USE	7
ATTACHING THE LEGS	7
WALL MOUNTING	8
OPERATION	9
SETTING UP THE APP	12
USING THE APP	17
CLEANING AND MAINTENANCE	22
TROUBLESHOOTING	22
TECHNICAL SPECIFICATIONS	24
SUPPORT	24
PRODUCT FICHE	25

# 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 230 V 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 can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be carried out by children.
- 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.
- 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 objects or 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 button on the control panel.
- 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.
- The remote contains an alkaline battery, keep out of reach of small children. Seek medical advice if swallowed.
- To prevent battery leakage: Remove the battery from the remote if exhausted or before long periods of storage.
- 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 the castors are fitted the minimum distance from a wall or objects should be 50cm.

# **INSTALLING WITHIN A BATHROOM**

If the appliance is to be fitted within a bathroom, a good understanding of the zoning within bathrooms is required to ensure the unit is mounted in a safe position. The appliance is rated as IPX4 and should be installed outside of Zones 0 -2. We would advise when the unit is fitted within a bathroom, the plug is removed from the unit, and a suitable fused spur is installed in accordance with BS 7671. In addition, when used in a bathroom, it must be protected by a suitable RCD to prevent the risk of electric shock.



Zone 0:	The interior of the bathtub or shower basin.
Zone 1:	The area around the bathtub or shower basin up to a height of 2.25m above the floor
Zone 2:	The area stretching to 0.6m outside the bath or shower and above the bath or shower if over 2.25m

# FEATURES

- 3 Heating Modes
- 2 Power levels Comfort Mode (2.5kw) and Eco Mode (1.25kw)
- Tempered Glass Panel
- Easy to Read LED Display
- 24 Hour Countdown Timer
- Wi-Fi Enabled with App Control
- Scheduling functionality through the app.
- Remote Control
- Electronic Thermostat with Frost Protection Function
- Double Overheat Protection
- Wall Mountable or Portable Using the Supplied Castors
- Ingress Protection Rating of IP24

# **PARTS LIST**



# SETTING THE UNIT UP FOR USE

The appliance can be wall-mounted using the supplied mounting brackets, or alternatively can be set up as a portable heater using the supplied legs with castors. It is important that the unit is only operated if it is wall-mounted or has the castors fitted.

# ATTACHING THE LEGS

- 1. Fit the castors into the legs, ensuring they click into place.
- 2. Turn the heater upside down and place on a soft surface.
- 3. Put the leg assembly in position and align the screws ( $\phi 4x12$ ) with the 4 holes on the underside of each leg, and loosely fit.
- 4. Once all screws are in place, they should be fully tightened.
- 5. After the installation is complete, turn the heater the right way up.



### WALL MOUNTING

The heater must be installed at least 15cm from the floor and 50cm from the ceiling.

**IMPORTANT:** Before drilling, ensure that no wires or pipelines are behind the wall to prevent damage.

1. Fix two brackets onto the bottom of the unit as shown in the image below using the screws provided (\$4x12).



- 2. Measure the distance between the wall hanging holes on the rear of the heater to confirm they are 530 mm apart.
- 3. After double-checking the measurements mark the position of the upper brackets on the wall, using a pencil (following the diagram above for spacing). We would advise using a spirit level to ensure the markings are square and level.
- 4. Once you are happy with the position of the marks, drill 8mm diameter holes using a suitable drill bit.
- 5. Insert the wall plugs into the holes. Please note depending on the wall type; alternative fixings may be required. Ask for professional advice if unsure.
- 6. Fix the brackets to the wall using 6 screws (\$4x35)
- 7. Hang the heater onto the wall brackets using the two holes at the back of the heater, ensuring it is secure, before gently resting the base of the unit against the wall so that the brackets sit flush.





# **OPERATION**

#### **CONTROL PANEL** Digital Display I °C —Temperature Icon Wi-Fi Icon— 🛜 ⊘ — Timer Icon 🗰 — Comfort Icon Heating Icon \_\_\_ 🤣 ECO Icon Lock Icon — -Anti-Frost Icon C o Settings Up Down Power

٢	POWER BUTTON	Press to turn the appliance on and off.
٢	SETTINGS BUTTON	Press to change between adjusting the operating mode, temperature, and setting the timer (Then use the UP and DOWN buttons to adjust)
	UP AND DOWN BUTTONS	Use to adjust the mode, desired temperature and set the timer.
¥€C0 æ	MODE SYMBOLS	Displays the currently selected mode, between standard
Ø	TIMER SYMBOL	Illuminates while setting the countdown timer, or while the timer is active.
°C	TEMPERATURE SYMBOL	Illuminates when a temperature is shown on the digital display.
≘	LOCK SYMBOL	Indicated the child lock is activated, to unlock, press and hold the UP button for 3 seconds.
Ð	HEATING SYMBOL	Illuminates when the appliance is providing heating to the room. This will happen when the desired temperature set is above the current room temperature.
([:-	WIFI SYMBOL	Flashes when the unit is ready to connect to your WiFi, and is illuminated constantly when successfully connected.

#### POWER

Press the POWER button to turn the appliance on and off. The appliance will start in Comfort mode, with a target room temperature of 25°C.

#### CHANGING THE HEATING MODE

After turning the appliance on, use the UP or DOWN buttons to cycle through the modes and choose between COMFORT mode, ECO mode, and ANTI-FROST mode.

COMFORT MODE	Standard operation mode, defaults to 25°C. Full power heat output (2.5 kW).
ECO MODE	Energy saving mode with a default target temperature of 20°C, running at 1.25kW. This mode is always 5°C lower than comfort mode.
ANTI- FROST MODE	Pre-set to 6°C to prevent frost, ideal when the area is unoccupied and there are no other forms of heating.

#### SETTING THE DESIRED ROOM TEMPERATURE

Press the SETTING button and the DIGITAL DISPLAY and TEMPERATURE icon will flash. Use the UP and DOWN buttons to adjust the temperature for comfort mode, the temperature can be adjusted between 10°C to 50°C.

Any changes made to the temperature will also affect Eco Mode which will be set 5°C lower. E.g. if the temperature is set to 10°C, eco mode will automatically change to 5°C.

Anti-frost mode is pre-set to 6°C, and cannot be amended.

In order to prevent energy wastage, the heater will operate when the room temperature is a degree or more under the target temperature, and will turn off when the temperature is a degree above what has been set.

#### SETTING THE COUNTDOWN TIMER

Press the SETTING button twice to enter the TIMER setting function. The DIGITAL DISPLAY and TIMER icons will flash. Press the UP or DOWN buttons to set the time until the unit will automatically turn off (maximum 24 hours). After the timer has been set, the TIMER icon will remain illuminated, and the appliance will turn off when the timer elapses.

#### ACTIVATING/DEACTIVATING THE CHILD LOCK

Press and hold the UP button for 3 seconds to activate the child lock. When the child lock is activated, the LOCK icon will be displayed and the buttons on the control panel cannot be used. Press and hold the UP button again for 3 seconds to deactivate the child lock.

#### **REMOTE CONTROL**



The buttons on the remote work in exactly the same way as the buttons on the appliance.

# **ADDITIONAL FEATURES**

#### DISPLAY TIME OUT

If no buttons are pressed for 30 seconds, the display will become dim, but not turn off. Press any button to return the screen to full brightness.

Press and hold the DOWN button for 3 seconds to turn off the display completely, leaving only the ON/OFF button on, but dimmed, the unit will still function as normal. Press any button to turn the display back on to its normal working state.

#### MEMORY FUNCTION

In case of power failure or after turning the unit off, when turned back on the unit will start in the previously used settings.

#### FACTORY RESET

Press and hold the UP and DOWN buttons for 3 seconds to reset the unit back to its factory settings. A beep will sound and the unit will start in COMFORT mode.

## **CONNECTING THE APPLIANCE TO Wi-Fi**

# 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.





#### 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.

When first turned on the unit will activate WiFi. If the WiFi symbol is not flashing, press and hold the POWER button for 3 seconds to reset the WiFi module.

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 three times 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 POWER button for 3 seconds. To change back to Quick connection mode, press and hold the POWER button again.

#### **REGISTER THE APP**



### SETTING UP YOUR HOME WITHIN THE APP

TUYA is designed so it can work with a large number of compatible smart devices within your home. It can also be set up to work with multiple devices within different houses as such during the setup process the app requires that different areas are created and named to allow easy management of all your devices. When new devices are added, they are assigned to one of the rooms you have created.

### **CREATING ROOMS**



## CONNECTING USING THE QUICK CONNECTION METHOD

Before initiating the connection, make sure the unit is in standby mode (Power switch ON, but unit turned off), with the Wi-Fi indicator flashing twice per second. If not follow the instructions for changing the connection mode. Also ensure your phone is connected to the Wi-Fi network. (We advise turning mobile data off during setup)



#### CONNECTING USING AP MODE ALTERNATIVE METHOD

Before initiating the connection, make sure the WiFi Light 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)



Once the connection process has completed, go back to the network settings on your phone to ensure your phone has reconnected to your Wi-Fi 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 set up, allowing the user to easily change between a number of pre-set configurations.

Below is an example of how to set up a scene:



#### 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 on what other TUYA enabled devices you have on the network.



	The profile tab gives you the option to edit both your detail, and use the added features of the unit.
Click here to set ni >	HOME MANAGEMENT
	Home Management proves options for managing your TUYA account, giving options such as adding a home, adding and
Home Management	removing rooms, and sharing devices with family.
	MESSAGE CENTRE
Message Center >	View notifications from devices, if alarms are set up (dependent
Help Center	on device)
More Services	HELP CENTRE
	Provides assistance using the features provided within the app
Settings >	MORE SERVICES
	This allows the unit to be integrated with your favourite home automation hardware such as Google Home and the Amazon
Home Smart Me	Echo.

**PROFILE TAB** 

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# CONNECTION TROUBLESHOOTING

- 1. Check whether the device is powered on and is in the correct Wi-Fi connection mode, if not please refer to the CHANGING BETWEEN CONNECTION MODES section.
- 2. Ensure the Wi-Fi password has been entered into the app correctly (Case sensitive)
- 3. Check that the phone is connected to the Wi-Fi you are connecting the device to.
- 4. Ensure the network you are connecting it to is 2.4Ghz (5Ghz Wi-Fi networks are not supported), and that there is a strong Wi-Fi signal to the item.
- If your router is dual band, ensure that the 2.4ghz network has a different network name (SSID). Further advice on changing router settings will be available from your Internet service provider / Router manufacturer.
- 6. Check the settings on the router. Encryption should be WPA2-PSK and authorisation type should be set to AES
- 7. Try using the alternative connection method. i.e. If connection is failing when attempting to connect through CF mode, try AP mode.

#### MAINTENANCE

#### **CLEANING AND STORAGE**

**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.

#### TROUBLESHOOTING

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

Issue	Possible Reason	Solution
No power	<ol> <li>The power cord is unconnected</li> <li>There is no power from the socket</li> <li>The power switch on the rear of the unit is turned off.</li> </ol>	<ol> <li>Connect the power cord</li> <li>Check socket is turned on</li> <li>Ensure the power switch on the rear of the unit is in the on position</li> </ol>
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	<ol> <li>The Unit is not placed on a flat surface</li> <li>The unit may be damaged</li> </ol>	<ol> <li>Place on a flat surface. May put an anti-vibration mat underneath</li> <li>If the heater is damaged discontinue use and contact the service centre.</li> </ol>

If the above solutions do not resolve the problem please contact the service centre.

## **DECLARATION OF CONFORMITY**

Hereby, electriQ declares that this heater follows Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: https://www.electriQ.co.uk/content/declaration-of-conformity

# LITHIUM COIN BATTERY WARNINGS

# BATTERY WARNING



## KEEP OUT OF REACH OF CHILDREN

Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.



• If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children.

• If you think batteries might have been swallowed, or placed inside any part of the body, seek immediate medical attention

THERE MAY BE NO OBVIOUS SYMPTOMS OF BATTERY INGESTION

Unfortunately, it is not obvious when a button or coin battery is stuck in a child's oesophagus (food pipe). There are no specific symptoms associated with this. The child might:

- •cough, gag or drool a lot;
- •appear to have a stomach upset or a virus;
- be sick;
- point to their throat or stomach;
- •have a pain in their abdomen, chest or throat;
- be tired or lethargic;
- •be quieter or more clingy than usual or otherwise "not themselves";
- ·lose their appetite or have a reduced appetite; and
- •not want to eat solid food be unable to eat solid food.

These sorts of symptoms vary or fluctuate, with the pain increasing and then subsiding.

A specific symptom to button and coin battery ingestion is vomiting fresh (bright red) blood. If the child does this seek immediate medical help.

The lack of clear symptoms is why it is important to be vigilant with "flat" or spare button or coin batteries in the home and the products that contain them.

# **TECHNICAL DATA**

Model no.	EGH25AWB EGH25AW
Voltage	230V 2.0kW
Frequency	50 / 60 Hz
Max power	2500W
IP Rating	IP24
Model colour	White/Black
Product dimensions	850x240x555mm

#### 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 email: Support@electriQ.co.uk

- 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

#### APPENDIX

Disposal: Do not dispose of 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.

		Model	Identifier	EGH25AWB EGH25AW	
Item	Symbol	Value	Unit	Item	Unit
Heat Output			Type of heat input, for electric storage local space heaters only (select one)		
Nominal heat output	P <sub>nom</sub>	2.5	kW	manual heat charge control, with integrated thermostat	No
Minimal heat output	P <sub>min</sub>	1.25	kW	manual heat charge control with room and/or outdoor temperature feedback	No
Maximum continuous heat output	P <sub>max</sub>	2.5	kW	electronic heat charge control with room and/or outdoor temperature feedback	No
Auxiliary electr	icity consu	mption		fan assisted heat output	No
At nominal heat output	el <sub>max</sub>	N/A	kW	Type of heat output/room temperature cont (select one)	rol
At minimum heat output	el <sub>min</sub>	N/A	kW	single stage heat output and no room temperature control	No
In standby mode	el <sub>SB</sub>	1.35	W	two or more manual stages, no room temperature control	No
				with mechanical thermostat room temperature control	No
				with electronic room temperature control	No
				with electronic room temperature control plus day timer	No
				with electronic room temperature control plus week timer	Yes
				Other control options (multiple selections possible)	1
				room temperature control with presence detection	No
				room temperature control, with open window detection	Yes
				with distance control option	Yes
				with adaptive start control	No
				with working time limitation	Yes
				with black bulb sensor	No
Contact Details	electriQ, Unit 2A, Trident Business Park, Neptune Way, Huddersfield, HD2 1UA Buy It Direct, The Black Church, St Mary's Place, Dublin 7				