

USER MANUAL



ALUMINIUM HEATER WITH SMART APP CONTROL

EAH2000W

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

THIS PRODUCT IS ONLY SUITABLE FOR WELL INSULATED SPACES OR OCCASIONAL USE

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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 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 though 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 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.

ENERGY SAVING AND UNIT SAFETY PROTECTION TIPS

- 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.

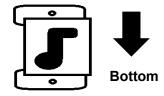
SETTING THE UNIT UP FOR USE

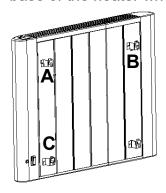
The appliance can be wall-mounted using the supplied mounting brackets, or alternatively can be set up as a portable heater using the supplied legs and castors. It is important that the unit is only operated if it is wall-mounted or has the castors fitted.

WALL MOUNTING

Please note:

- A gap of 30cm should be left to both sides of the heater following installation
- It is the responsibility of the installer to ensure that the unit is securely installed.
- 1. Attach the 4 mounting brackets on to the rear of the heater using the 8 small screws provided, ensuring that they are all orientated so that the large hole in the bracket will be at the base of the heater when mounted.

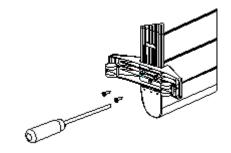


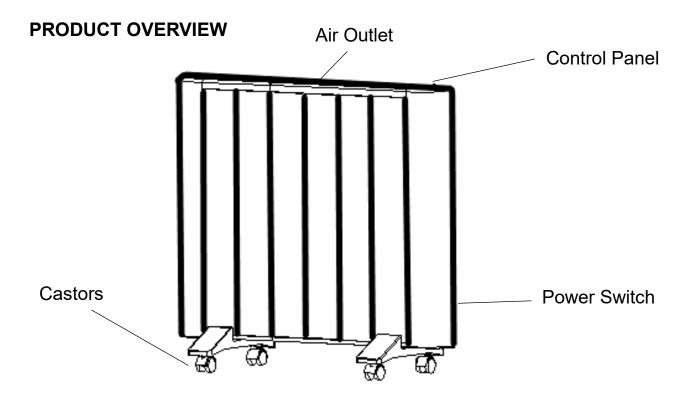


- 2. Measure the distance between the wall hanging holes A and B on the rear of the heater. Then measure the distance between A and C.
- 3. After double-checking the measurements mark their position on the wall, using a pencil. We would advise using a spirit level to ensure all markings are square and 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. Insert the supplied long screws into the wall plug ensuring that the screw head is protruding by 5~10mm.
- 7. Hang the heater onto the screws, ensuring all screws engage with the relevant slot on the rear of the heater.
- 8. Push the heater to the side so that screws move through the channel on the brackets to secure it in position.

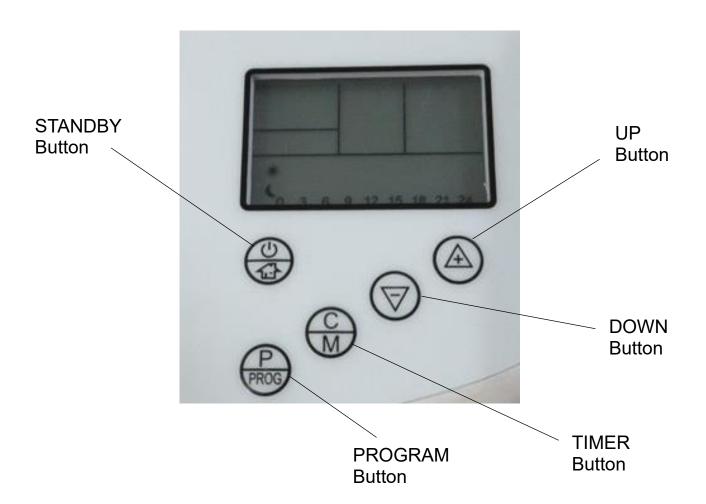
FITTING THE CASTORS

- Push the castors into position on the underside of the legs.
- 2. Place the 2 legs in position on the underside of the heater.
- Secure them into position using 2 small screws for each leg

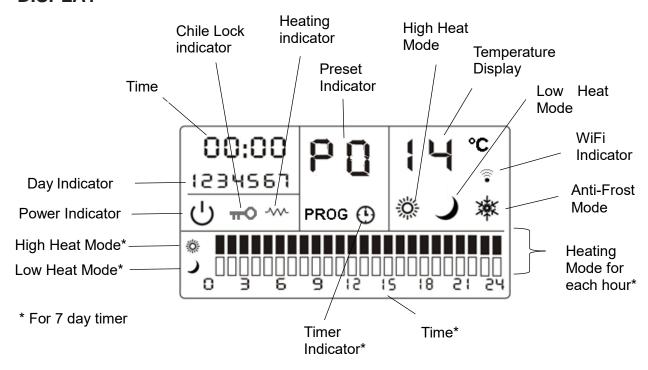




CONTROL PANEL



DISPLAY



QUICK USE GUIDE

- 1. Switch the unit on using the main power switch on the rear of the unit. The heater will make a sound, and the display will flash.
- 2. Press the STANDBY button to turn on the heater. The display panel will light up, and the unit will start to operate with the default settings.
- 3. Set the current day and time.
- Use the UP and DOWN buttons to change the desired temperature, and the PROGRAM button to change between High Heat, Low Heat and Anti Frost modes.

SETTING THE DAY AND TIME

- 1. With the appliance turned on, hold the DOWN button for 3 seconds until it bleeps.
- 2. Change the day shown on the day indicator using the UP and DOWN buttons.
- 3. Hold the DOWN button for 3 seconds until the unit bleeps to confirm the day.
- 4. Change the hour value using the UP and DOWN buttons.
- 5. Hold the DOWN button for 3 seconds until the unit bleeps to confirm the hour value.
- 6. Change the minute value using the UP and DOWN buttons.
- 7. Press the STANDBY button or leave for 10 seconds to save the settings.

OPERATION

TURNING ON AND OFF

The Standby button can be pressed to enter and exit standby mode. If the unit is not to be used for a while, we would advise for it to be turned off using the switch on the back and unplugged.

CHANGING THE DESIRED ROOM TEMPERATURE

The desired room temperature can be adjusted in both High heat and Low Heat modes, using the UP and DOWN buttons. After the UP or DOWN button has been pressed, the temperature display will show the desired temperature. The desired temperature can be adjusted between 5°C and 50°C.

CHILD LOCK

Press and hold the UP and DOWN buttons for 3 seconds to activate and deactivate the child lock. When the child lock is activated the Child lock symbol will be shown on the display and the buttons are disabled on the control panel until the child lock is deactivated.

CHANGING THE POWER LEVEL

Repeatedly press the PROGRAM button to change between the 3 available power modes:

| High Heat | The heater will operate at High Power(2KW), the desired temperature can be specified between 5°C and 50°C. |
|-----------------|---|
| Low Heat | The heater will operate at Low Power (1KW), the desired temperature can be specified between 5°C and 50°C. |
| Anti-Frost × | The heater will operate to keep the room temperature between 5°C and 9°C in order to prevent freezing within the room. The desired temperature cannot be changed. |

OPEN WINDOW PROTECTION

If the temperature of the room drops by 5 degrees within a 10 minute period while the unit is operating, it will assume that a window or door is open and will enter standby mode to preserve energy. The unit must be turned back on using the STANDBY button following rectifying the cooling influence.

WEEKLY TIMER

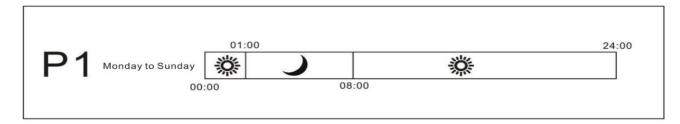
TURNING THE WEEKLY TIMER ON AND OFF

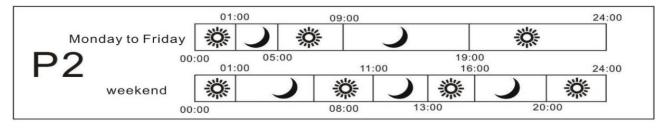
Hold the TIMER button for 3 seconds to activate or deactivate the timer. The timer icon will be illuminated when the timer is activated.

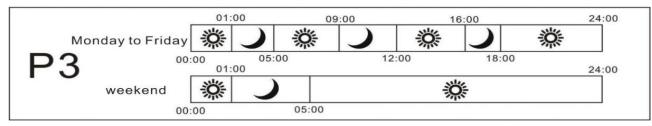
CHOOSING BETWEEN THE TIMER PRESETS

There are 4 timer presets built into the machine: P0 – P3. The presets specify in which mode the unit operates throughout the day, changing the appliance between High Heat and Low Heat options.

Press and hold the PROGRAM button for 3 seconds to change between the presets. Po is fully customizable whereas the other three presets are as given below:

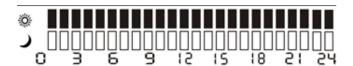






PROGRAMMING THE CUSTOMISABLE PRESET (P0)

- 1. With the timer set to P0 mode, press the TIMER button.
- 2. Use the UP and DOWN buttons to select the day which you want to adjust.
- 3. Press the TIMER button to confirm the day selected.
 The bottom of the display will show how the unit is currently programmed to work throughout that day.



- 4. Use the UP and DOWN buttons to select which hour to adjust.
- 5. Once the hour to adjust is selected, the PROGRAM button can be used to change the heating mode operational within that time period.
- To set the desired temperature for the hour selected, press the TIMER button to allow adjustment of the temperature using the UP and DOWN buttons.
- 7. Once the desired temperature has been changed, press the TIMER button to allow selection of a different hour, using the UP and DOWN buttons.
- 8. Once you have finished adjusting the timer, press the STANDBY button or leave the unit for 10 seconds to save.

CONNECTING THE APPLIANCE TO WIFI

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 Wi-Fi connection between your phone and the heater to upload the network details.

When first turned on using the switch on the rear of the unit, the WiFi will be turned off. To turn on the WiFi, press and hold the UP button for 3 seconds. The WiFi symbol will flash quickly to indicate the unit is in quick connection mode

Please ensure your device is in the correct Wi-Fi 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 DOWN button for 3 seconds.

To change back to Quick connection mode, press and hold the UP button for 3 seconds.

TURNING THE WIFLOFF

To turn the WiFi off, the appliance must be turned off using the switch on the rear. When the unit is turned back on it will start with the WiFi turned off, until reactivated following the steps above.

REGISTER THE APP

1. Press on the register button at the bottom of the screen.



- 2. Read the Privacy policy and press the Agree Button.
 - ← Privacy Policy

Update date: 2018.4

Disagree

Privacy Policy of Tuya Smart Platform

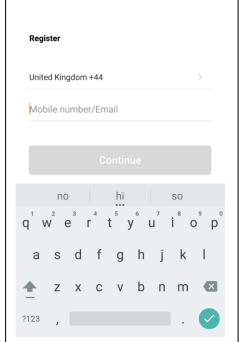
Come into force date: 2018.5

So you have purchased our TuyaSmart device hardware and are starting to use the TuyaSmart device software and all its functionalities! Any information you share with us (e.g. for creating a Tuya Account) will help us to provide you with services related to TuyaSmart device and to improve them to make them even better. We explain here our ways of collecting and using information, and how we protect your privacy. In the policy, "personal data" means information are used to identify an inceither from that information along that information and other information are that information and other information.

Agree

Enter your email address or phone number and press continue to register.

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 A verification code will be sent by the method selected in step
 Enter the code into the app.

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Verification Code

Verification code has been sent to: Resend(57s)

1 2 3 -4 5 6 , 7 8 9 ☑ . 0 _ 5. Type in the password you would like to create. This needs to be 6-20 characters, with letters and numbers.

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Set Password

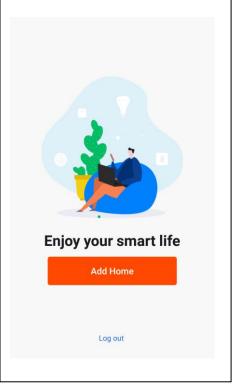
Password must contain 6-20 letters and numbers

Done

no hi so
q w e r t y u i o p

a s d f g h j k l

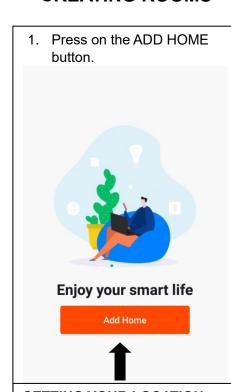
2. The app is now registered. It will automatically log you in following registration.



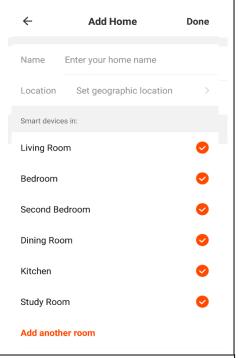
SETTING UP YOUR HOME WITHIN THE APP

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



- 3. Type in a name for your home.
- Press on the location button to select the location of your home. (See SETTING YOUR LOCATION below)
- New rooms can be added by pressing the ADD ANOTHER ROOM option at the bottom. (See ADD ANOTHER ROOM below)
- 6. Untick any rooms that are not required on the app.
- 7. Press DONE in the top right corner.

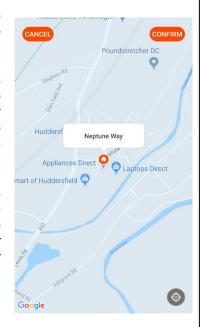


SETTING YOUR LOCATION

Use your finger to move the orange HOME symbol.

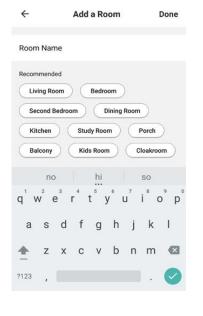
When the symbol is in the approximate location of your home, press the confirm button in the top right corner.

Location details allows the app to be set up later to respond to weather conditions in your area.



ADD ANOTHER ROOM

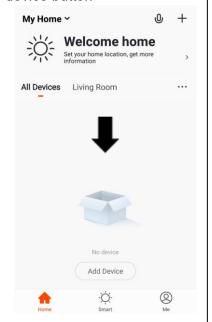
Type in the name of the room, and press Done in the top right corner



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 WiFi 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)

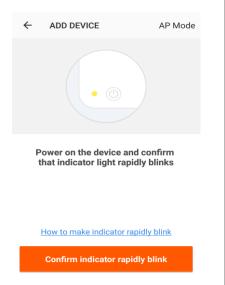
 Open app and press "+" to add device, or use the add device button



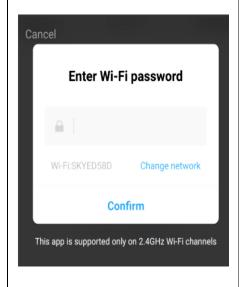
2. Select the type of device as "Heater" within the Home Appliance tab.



 Ensure the Wifi indicator on the heater is flashing twice per second, then press on the orange button at the bottom of the screen.



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



 This will then transfer the settings to the heater. Wait for this to complete. If this fails, retry. If still unsuccessful please review the troubleshooting section for further help.



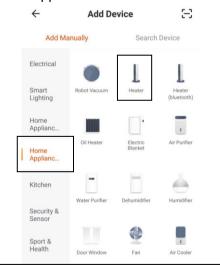
CONNECTING USING APP MODE ALTERNATIVE METHOD

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

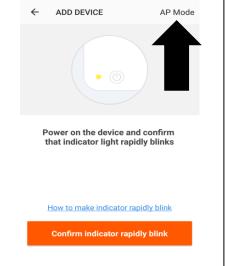
 Open app and press "+" to add device, or use the add device button



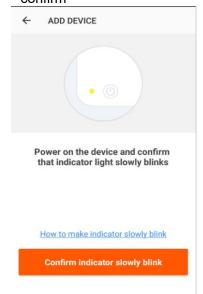
2. Select the type of device as "Heater" within the Home Appliance tab.



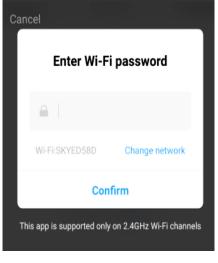
3. Press on the AP mode button in the top right of the screen.



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 Wi-Fi password and press confirm.



 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.

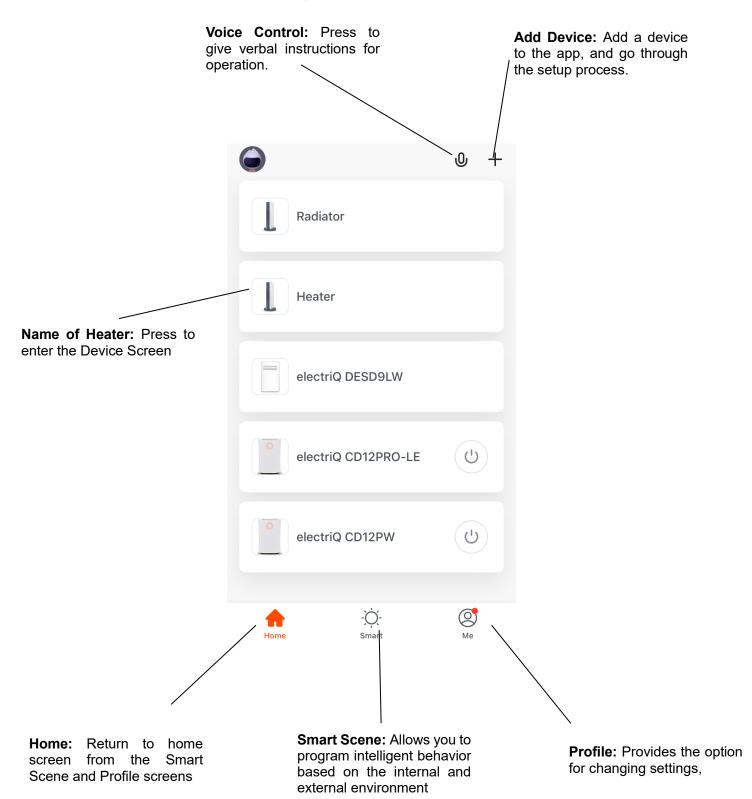


This will then transfer the settings to the heater.

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

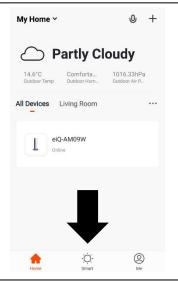
SMART SCENES

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

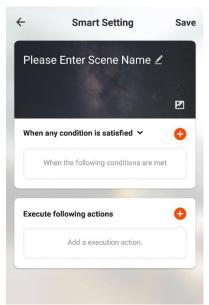
Scene allows for a one touch button to be added to the Home Screen. The button can be used to change a number of settings in one go, and can change all the settings within the unit. A number of scenes can easily be setup, allowing the user to easily change between a number of preset configurations. Below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



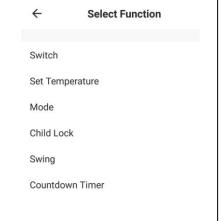


3. Press the Pen next to "Please Enter Scene Name" to input the name for your Scene

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. 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.

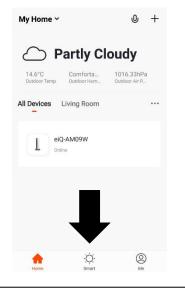


6. Once all the functions required have been added, press the Save button in the top right corner to finalize and save your new Scene. It will then be saved to the home screen

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 Scene tab at the bottom of the Home screen

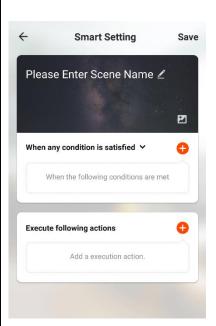


2. Press on the Automation tab at the top of the screen.



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



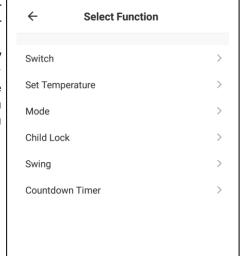


4. Setup is very similar to the scene setup on the previous page, and includes an extra section for specifying a trigger for the scene to start.

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

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.

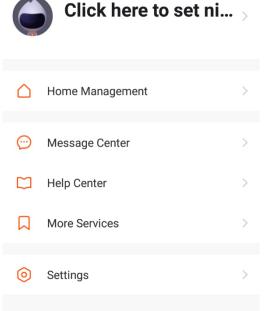


7. Once all the functions required have been added, press the Save button in the top right corner to finalize and save your new scene.

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

PROFILE TAB

The profile tab gives you the option to edit both your detail, and use the added features of the unit.



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HOME MANAGEMENT

Home Management proves options for managing your TUYA account, giving options such as adding a home, adding and removing rooms, and sharing devices with family.

MESSAGE CENTRE

View notifications from devices, if alarms are set up (dependent on device)

HELP CENTRE

Provides assistance using the features provided within the app

MORE SERVICES

This allows the unit to be integrated with your favorite home automation hardware such as Google Home and the Amazon Echo.

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.
- 5. 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; unauthorized repair attempts will invalidate the warranty and may cause bodily harm.

| Issue | Possible Reason | Solution |
|---------------------------------------|--|---|
| No power | The power cord is disconnected There is no power from the 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 | New unit. When the unit is used for the first time the unit may produce an odour which will dissipate within a week of use | 1. No action required |
| Strong vibrations and noise | Unit is not placed on a flat surface 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. |

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

DECLARATION OF CONFORMITY

Hereby, electriQ declares that this heater is compliant with 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

TECHNICAL DATA

| Model No. | EAH2000W |
|--------------------|--------------|
| Voltage | 220V-240V |
| Frequency | 50Hz-60Hz |
| Max power | 1000W/2000W |
| Model colour | White/ Black |
| Product dimensions | 850x260x580 |
| Net weight (Kg) | 10.5 |

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: 0871 620 1057 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 J6, Lowfields Business Park

Lowfields Way, Elland

West Yorkshire, HX5 9DA

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.

PRODUCT FICHE

| | | N | Model Ide | entifier: EAH2000W | |
|--------------------------------------|-------------------|---------|--------------------------|--|------|
| 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 _{nom} | 1.8-2.0 | kW | manual heat charge control, with integrated thermostat | No |
| Minimal heat output | P _{min} | 1.0 | kW | manual heat charge control with room and/or outdoor temperature feedback | No |
| Maximum continuous heat output | P _{max} | 2.0 | kW | electronic heat charge control with room and/or outdoor temperature feedback | No |
| Auxiliary electricity consumption | | | fan assisted heat output | No | |
| At nominal heat output | el _{max} | N/A | kW | Type of heat output/room temperature cont (select one) | rol |
| At minimum heat output | el _{min} | N/A | kW | single stage heat output and no room temperature control | No |
| In standby mode | elsB | 0.00038 | 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) | |
| | | | | room temperature control with presence detection | No |
| | | | | room temperature control, with open window detection | Yes |
| | | | | with distance control option | No |
| | | | | with adaptive start control | No |
| | | | | with working time limitation | Yes |
| | | | | with black bulb sensor | No |