

electriciQ

USER MANUAL



ELECTRIC DESIGNER RADIATOR WITH SMART APP (DUAL HEATING ELEMENTS)

HS24-600-2DGW

HS24-600-2WW

HS24-600-2LGW

HS24-600-2BW

VS6-1800-2DGW

VS6-1800-2WW

VS6-1800-2BW

VS6-1800-2LGW

VS8-1800-2.4LGW

VS8-1800-2.4WW

VS8-1800-2.4DGW

VS8-1800-2.4BW

Thank you for choosing electriciQ

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?

We hope this has been helpful to you.

We would love to see how you're getting on with your new purchase, so please share any snaps you have on the platform of your choice below.

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



@electriQUK

#electriQUK

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,
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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.
- 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.
- 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 the appliance on or off 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.
- Do not use an external timer.
- The heater must not be located immediately below a socket outlet.
- Always ensure the unit is secure before operation. It must be securely attached to a suitable wall.
- Avoid keeping the unit in direct sunlight for a long periods 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.
- 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 IPX4 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.
- The unit 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.
- Installation must be in accordance with all relevant local regulations applicable at the time of installation.
- If electrical work is carried out within the bathroom which involves addition or alteration of existing circuits, it may be notifiable to your local building control department (Part P). If unsure, professional advice should be sought.
- Ensure that your heater is filled with glycol. If filling up your heater with Glycol, ensure to leave room inside the unit for expansion. It is recommended to leave 10 percent of the unit empty to allow for expansion of the liquid during operation.
- As the room temperature sensor is close to the radiator, it is unavoidable that heat from the radiator will affect the room temperature reading during operation. This is normal for all heaters with built in room temperature sensors.
- Illustrations in this manual may differ from the final product, this is due to constant product development and improvement. There may also be slight variations between different models covered by this manual.

PARTS SUPPLIED



HEATER



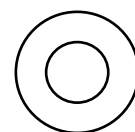
SCREWS (B) X8



WALL PLUGS X8



SPANNER X1



RUBBER WASHER X2
METAL WASHER X4



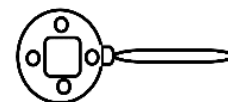
UPPER AND LOWER
BRACKET X4



PTFE TAPE X1



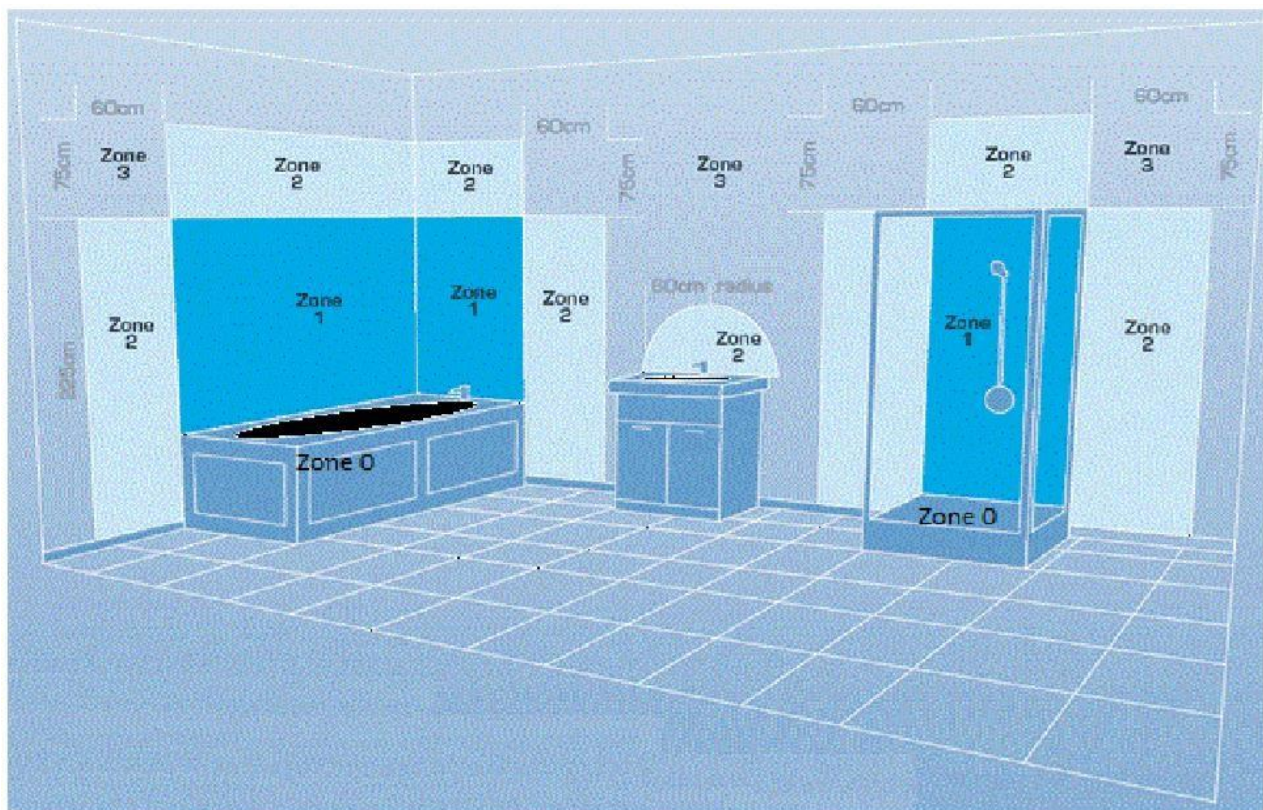
BRACKET COVER X4



HEATING ELEMENT X2

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 |

INSTALLATION OF THE HEATING ELEMENT

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

On the unit, you will find a sticker indicating the direction to insert the heating element.

The heating element **MUST** be positioned at the base of the unit during operation.



IMPORTANT: This heater is heavy. Two people are recommended for installation.

First ensure that you have all the correct parts needed for installation of the heating element:

- Heating Element
 - PTFE Tape
 - Spanner
-
- The heating element is designed to be fitted into the bottom of the unit and can be fitted into either the left or right port. Before installing, decide on the location where your heater will be mounted, take care to ensure that the element will be accessible and that the power cord can reach a suitable socket when your heater is mounted to the wall.
 - Wrap a few layers of the provided PTFE tape around the thread of the heating element, ensuring the full thread is covered.
 - Then carefully turn the heater so that the port you have chosen for installation is facing upwards. This allows for easy installation of the element and prevents the possible glycol from leaking while the port is open.
 - Remove the locking nut from the port using the provided spanner and keep safe for future installation.
 - Gently insert the element into the port and screw into place. Ensure that the control panel is facing the front of the unit before installing onto the wall.
 - Repeat these steps to fit the second heating element.



WALL MOUNTING

NOTE: Depending on your wall type alternative fixings may be required to secure the heater to your wall. If in any doubt advice should be sought from a competent person.

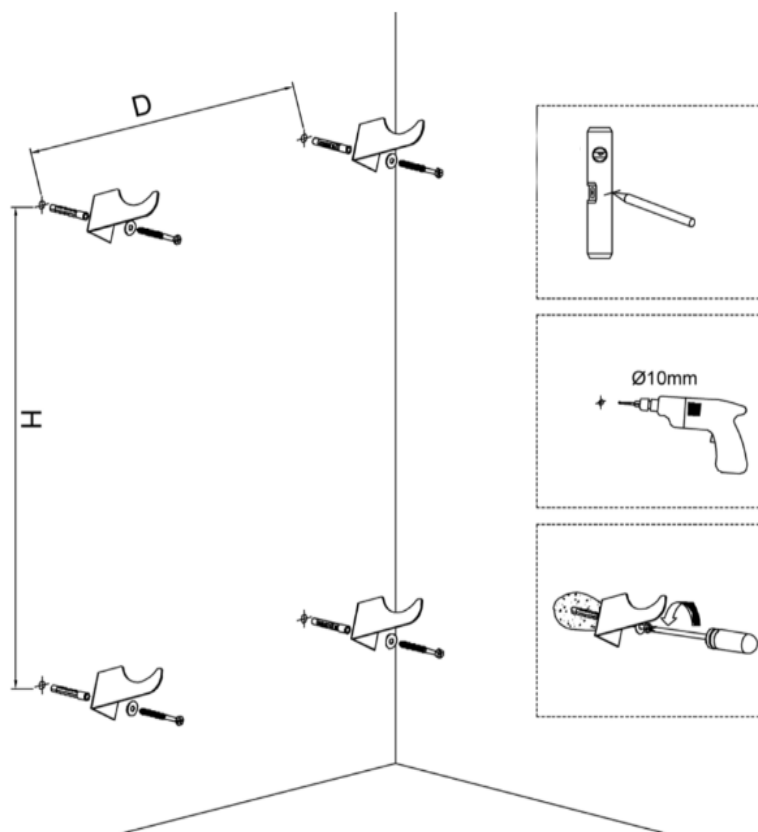
Step 1

Measure the distance between the two columns that you will be hanging your heater from on the top of the heater and the two ends on the bottom of the rail. Then measure the distance vertically between the top and bottom holes. Make a note of the measurement, and mark four points on the wall that distance apart. Use a spirit level to ensure that they are level.

Step 2

Drill 4 holes into the wall in the positions marked using a $\text{\O}10\text{mm}$ drill bit and insert the wall plugs provided. Secure the brackets to the wall using the screws and washers provided with the grooves all facing upward, then insert the bracket covers onto the grooves.

Ensure that the brackets are secure before commencing onto the next step.



Step 3

Carefully hang the radiator onto the brackets. It is highly recommended that two people perform this step, due to the weight of the radiator.

OPERATION

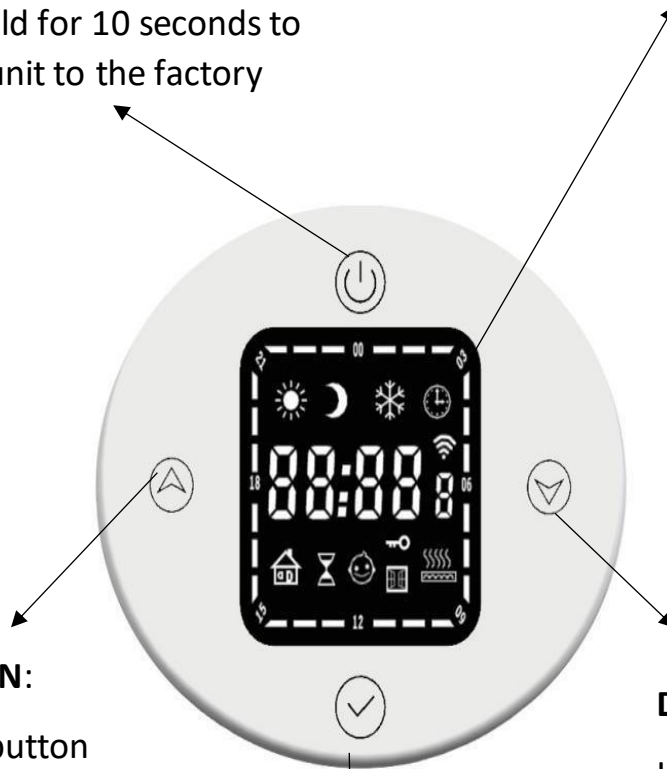
POWER BUTTON:

Press once to turn the unit on.
Press again to put the unit in standby mode.

Press and hold for 10 seconds to restore the unit to the factory settings.

DISPLAY:

Displays the current time, temperature and mode.



INCREASE BUTTON:

Use the increase button to increase the desired temperature.

With the unit in standby, press and hold the INCREASE button to amend the additional settings.

DECREASE BUTTON:

Use the decrease button to reduce the desired temperature.






MODE BUTTON:

Press to cycle through the five operating modes, the relevant symbol will display on the display.





With the unit in standby, press and hold the MODE button to enter the Wi-Fi connection mode. See "WiFi Set-Up" for more information.

MODES

Press the Mode button to change between the five different modes. The symbol on the display will indicate the currently selected mode:

| ICON | MODE | DESCRIPTION |
|---|---------------------|---|
|  | COMFORT | Use the DECREASE and INCREASE buttons to set the desired room temperature between 7°C and 30°C. When the desired temperature is set the radiator will heat (to the set Radiator temperature) and will remain at that until the desired room temperature is reached, at which point it will then work to maintain the temperature set. |
|  | ECO | Use the DECREASE and INCREASE buttons to set the desired room temperature between 7°C and 30°C. When the desired temperature is set the radiator will heat (to the set Radiator temperature) and will remain at that until the desired room temperature is reached, at which point it will then work to maintain the temperature set. |
|  | ANTI-FROST | Anti-frost Mode is ideal for long term anti-frost protection. Within this mode it will aim to keep the radiator at 7°C which will help prevent freezing temperatures within the room. |
|  | WEEKLY TIMER | This mode should be selected for the unit to operate on a 7 day timer. The timer can be set using the control panel, but for easier setup we would advise on using the App. Before activating the Weekly timer, it is advisable to go into Comfort and Eco modes to confirm that the desired room temperature set is correct. |
|  | RADIATOR / BOOST | Use the DECREASE and INCREASE buttons to set the temperature of the radiator between 40°C and 80°C. This setting will run for 2 hours. To adjust the length of BOOST operation, press and hold the MODE button for 3 seconds until the time displays, then use the INCREASE and DECREASE buttons to adjust the duration. |

OTHER FUNCTIONS

| ICON | MODE | DESCRIPTION |
|---|-----------------------------|---|
|  | CHILD LOCK | Press and hold the increase and decrease buttons for 5 seconds to activate the child lock. In child lock mode no other functions are accessible, and the lock symbol will show on the screen. Repeat to exit the child lock. |
|  | Wi-Fi | Used to indicate when the unit is ready to connect to WiFi, or when the WiFi connection is active. See the WiFi section for more information. |
|  | OPEN WINDOW DETECTION | When this feature is activated, the unit will monitor the room temperature, and if it drops by 2°C in a 5-minute period, it will change from the current operating mode to ANTI-FROST mode. After 60 minutes in ANTI-FROST mode it will return to the previously selected mode. |
|  | HEATING INDICATOR | When the heating element is running, the degree symbol on the display will flash. |

ADDITIONAL SETTINGS

To Access the additional settings, press and hold the INCREASE button for 10 seconds while the unit is in standby. While within the additional settings use the INCREASE and DECREASE buttons to change their values, and the MODE button to move to the next setting.



| OPTION | MODE | DESCRIPTION |
|--------|---|--|
| F0 | TEMPERATURE COMPENSATION | If the room temperature displayed is not accurate, the temperature compensation option can be altered to improve the accuracy of the temperature displayed. (Note due to the proximity of the sensor to the heat source it is unavoidable for the sensor not to be affected by the heat emitted from the heater) |
| F1 | OPEN WINDOW DETECTION | Turn the open window detection feature between Off, 30 and 60. The two figures indicate how long the unit will stay in ANTI-FROST mode after a significant drop in room temperature is detected. |
| F2 | RADIATOR SURFACE TEMPERATURE (COMFORT MODE) | Use to set the desired maximum temperature of the radiator when heating in comfort mode. This defaults to 80°C, but can be set between 40°C and 80°C. |
| F3 | RADIATOR SURFACE TEMPERATURE (ECO MODE) | Use to set the desired maximum temperature of the radiator when heating in eco mode. This defaults to 60°C, but can be set between 40°C and 80°C. |
| F4 | Wi-Fi | Use to turn the Wi-Fi on or off. Using the appliance with Wi-Fi turned off will reduce the amount of standby power consumed by the unit, but will prevent the use of the features within the app. |

The radiator surface temperature option can be used to limit the external temperature of the radiator. At lower temperatures, this can help prevent the radiator from getting too hot, should it be in close proximity to vulnerable people such as children. Even when a low surface temperature is set, we would advise that children are supervised by a responsible person when in close proximity to the radiator.

THE WEEKLY TIMER

To use the WEEKLY TIMER, the unit must be changed into WEEKLY TIMER mode using the MODE button.

The weekly timer is split into 1 hour time slots, and for each timeslot the unit can be set to run in COMFORT MODE, ECO MODE or DEFROST MODE.

- The days are labelled P1 (Monday) to P7 (Sunday)
- The appliance will use the target temperatures set for each mode. i.e. If while in comfort mode the desired temperature was set to 30°C, the target temperature when the timer changes to comfort mode will also be 30°C.

DEFAULT TIMER PATTERN

The timer is set to change between modes, following the table below, but this can be fully customised by the user.

| DAY | TIME | MODE |
|----------------------------------|---------------|------------|
| P1 to P5 (Monday to Friday) | 0:00 - 5:59 | Anti-Frost |
| | 6:00 - 7:59 | Comfort |
| | 8:00 - 17:59 | Anti-Frost |
| | 18:00 - 21:59 | Comfort |
| | 22:00 - 23.59 | Anti-Frost |
| P6 to P7 (Saturday to Sunday) | 00:00 – 7:59 | Anti-Frost |
| | 8:00-9:59 | Comfort |
| | 10:00-16.59 | Anti-Frost |
| | 17:00-21.59 | Comfort |
| | 22:00 – 23.59 | Anti-Frost |

PROGRAMMING THE TIMER

Although for ease of use, we do advise for the timer to be set up through the app, it is also possible to program the 7 day timer using the control panel on the unit. The weekly timer allows the operation for each day to be set independently.

To enter the programming mode for the timer, the appliance must first be changed into WEEKLY TIMER mode using the MODE button. Although the unit will automatically set the time when connected to the internet, the date and time must be confirmed before adjusting the timer. To adjust the timer follow the steps below (We would advise that these are read prior to making adjustments to familiarise yourself with the process)

CONFIRMING THE TIME

When the unit is powered on, press the MODE button until the unit enters WEEKLY TIMER mode. Then, press and hold the MODE button for 3 seconds to adjust the time. Use the INCREASE and DECREASE buttons to adjust the hour value between 0-23 hours. Press the mode button to confirm the hour value.



The minute value will start to flash. Use the INCREASE and DECREASE buttons to adjust the minutes value if required between 0 and 59. Press the mode button to confirm the minute value.

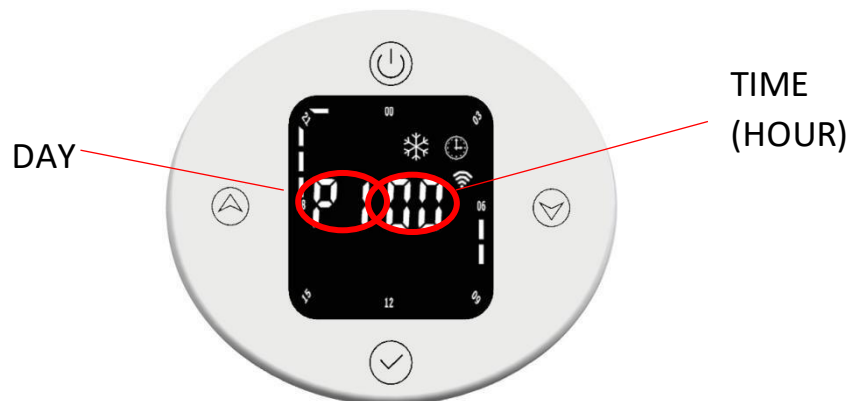


The day value will start to flash (1 – Monday to 7 – Sunday) . Use the INCREASE and DECREASE buttons to adjust the current day. Press the MODE button again to finalise setting the time. You are now ready to adjust the timer.






ADJUSTING THE TIMER PATTERN

When adjusting the timer, each day is adjusted separately. Once the current day and time have been confirmed as per the previous page, the unit will then be ready to adjust the timer. This will start at 00:00 on P1 (Monday)



For each hour, check the symbol that is showing for the operating mode:

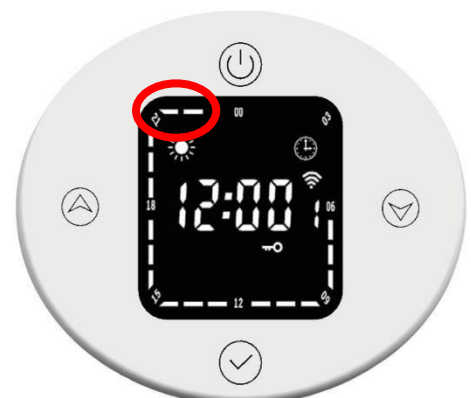
| | |
|---|------------|
|  | COMFORT |
|  | ECO |
|  | ANTI-FROST |

WITHIN THE TIMER SETTINGS YOU HAVE THE FOLLOWING OPTIONS:

- Press the MODE button to change the operating mode starting at the hour displayed
- Press the INCREASE button to change to review the mode for the next hour.
- Hold the MODE button for 3 seconds to confirm the settings for that day and move to the next day.

Once the settings for all 7 days have been confirmed, you have completed setting the timer.

In addition to the information above, the edge of the screen also shows the periods of operation with each of the 24 symbols representing a 1 hour time slot, running clockwise from the POWER button. When these are illuminated it indicates the unit is in COMFORT or ECO mode for that time period, and when not shown indicates the unit is in ANTI-FROST mode for that time period.



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 appliance has 2 different modes that can be used for connection, Bluetooth mode and Access Point (AP) mode. It is recommended to use Bluetooth connection to connect your unit to Wi-Fi. This is the easiest connection method and will ensure that no time is wasted in getting to use your new heater to its fullest potential.

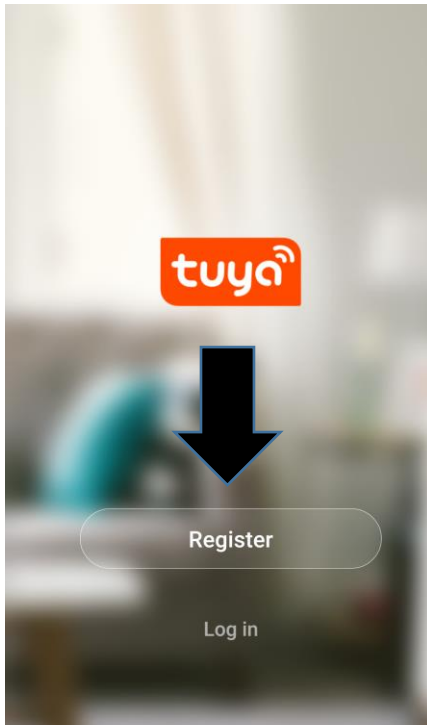
If connecting the unit to Wi-Fi using the Bluetooth connection method, ensure your mobile phone has Bluetooth enabled. For both connection methods ensure that WiFi has not been disabled in the additional settings on the thermostat (See Page 11).

Press and hold the MODE button for 5 seconds until the display shows lines moving in a clockwise direction to enter connection mode. A timer will also appear in the centre of the display for 3 minutes. After the 3 minutes has elapsed, the connection mode will stop. If connection is unsuccessful the MODE button should be held again, and the process repeated.

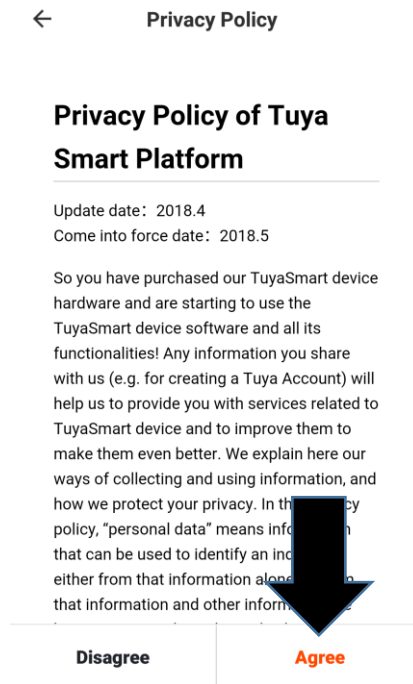
The connection process should be repeated for the second heating element.

REGISTER THE APP

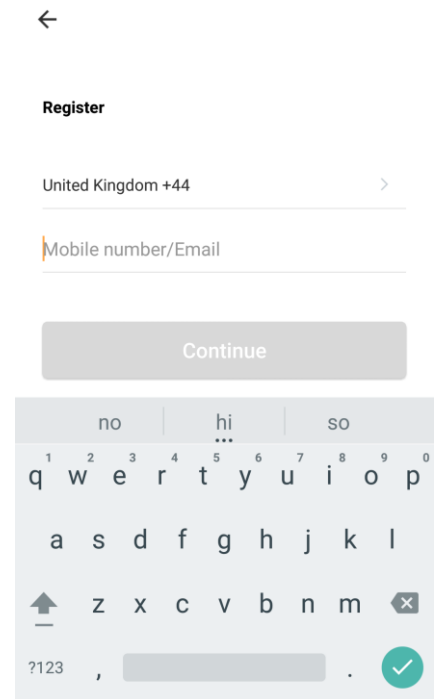
1. Press on the register button at the bottom of the screen.



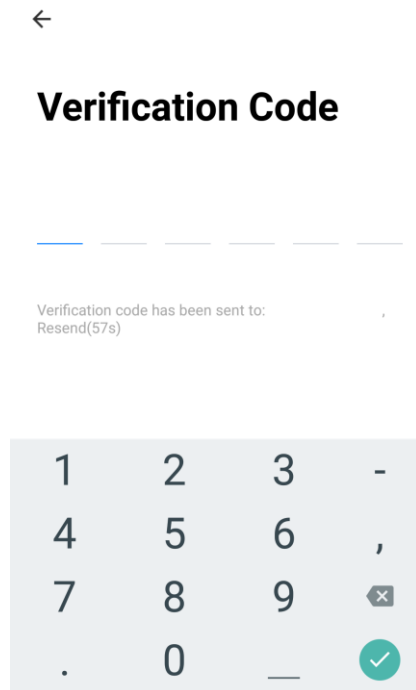
2. Read the Privacy policy and press the Agree Button.



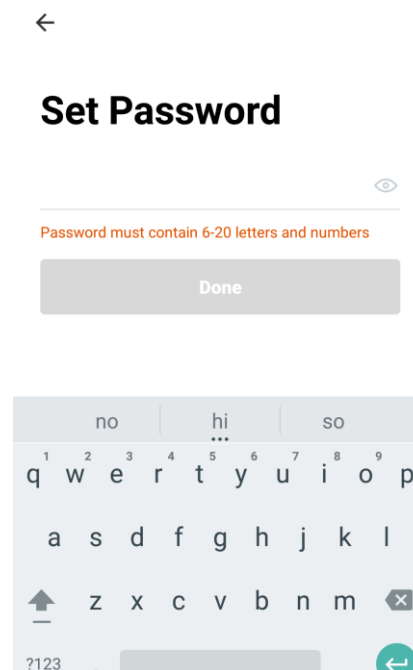
3. Enter your email address or phone number and press continue to register.



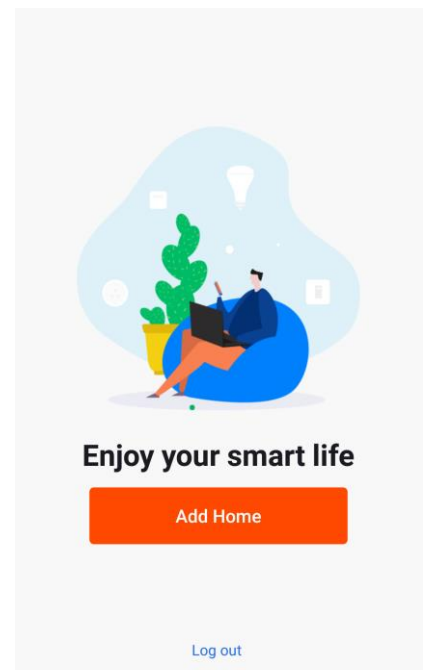
4. A verification code will be sent by the method selected in step 3. Enter the code into the app.



5. Type in the password you would like to create. This needs to be 6-20 characters, with letters and numbers.



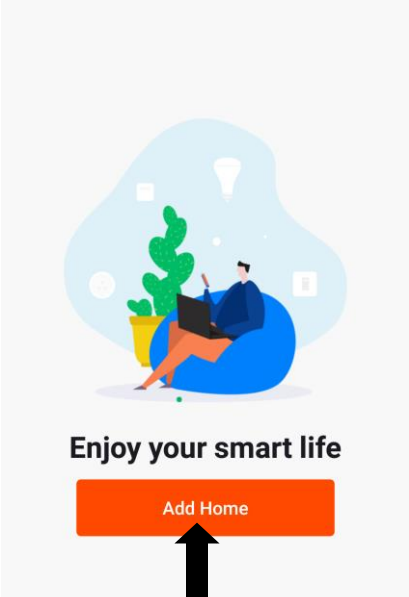
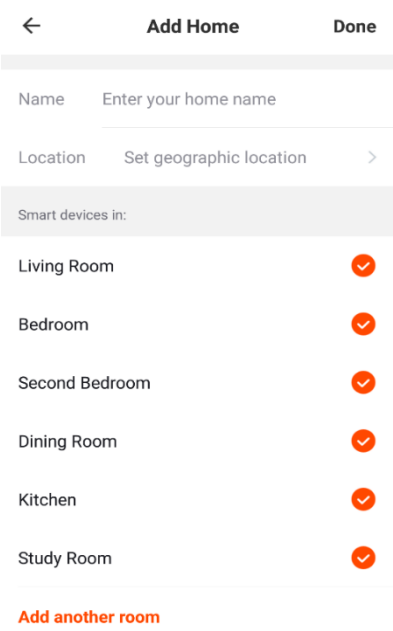
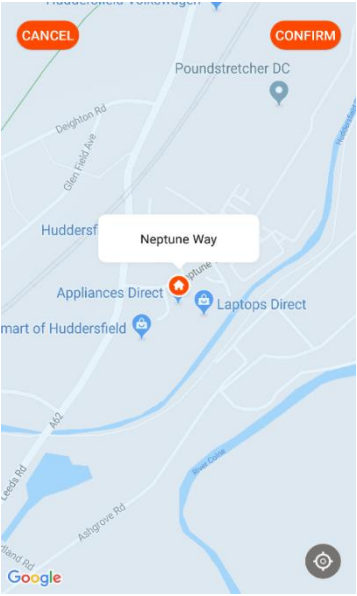
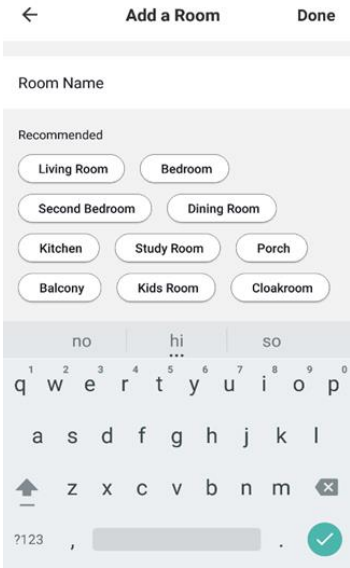
6. The app is now registered. It will automatically log you in following registration.



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.

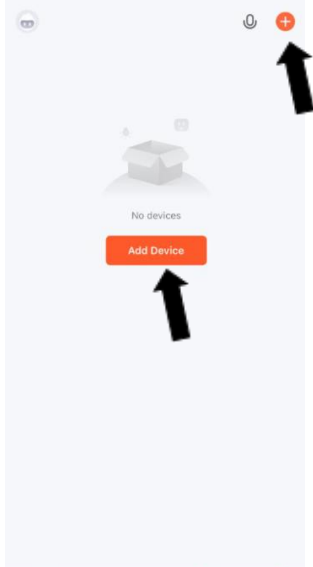
CREATING ROOMS

| | | |
|---|---|--|
| <p>1. Press on the ADD HOME button.</p>  | <p>2. Type in a name for your home, 3. Press on the location button to select the location of your home. (See SETTING YOUR LOCATION below) 4. New rooms can be added by pressing the ADD ANOTHER ROOM option at the bottom. (See ADD ANOTHER ROOM below) 5. Untick any rooms that are not required on the app. 6. Press DONE in the top right corner.</p> |  |
| <p>SETTING YOUR LOCATION</p> <p>Use your finger to move the orange HOME symbol.</p> <p>When the symbol is in the approximate location of your home, press the confirm button in the top right corner.</p> <p>Location details allows the app to be set up later to respond to weather conditions in your area.</p>  | <p>ADD ANOTHER ROOM</p> <p>Type in the name of the room, and press Done in the top right corner</p>  | |

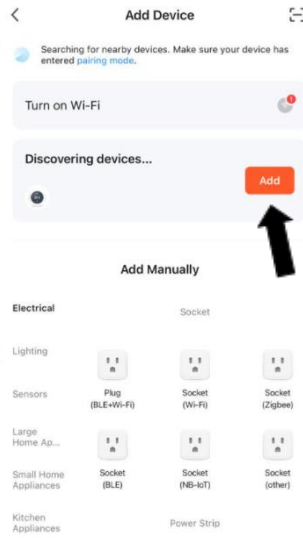
CONNECTING USING THE BLUETOOTH CONNECTION METHOD

Before initiating the connection, make sure your mobile phone has Bluetooth enabled and that the unit is plugged in, with the WiFi turned on within the additional settings. Also ensure your phone is connected to the WiFi network you want to add the device to. (We advise turning mobile data off during setup).

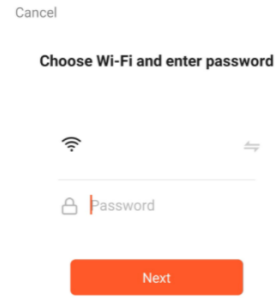
1. Open app and enter the home screen. Turn the unit on and on the app, press add device or the + in the top right corner.



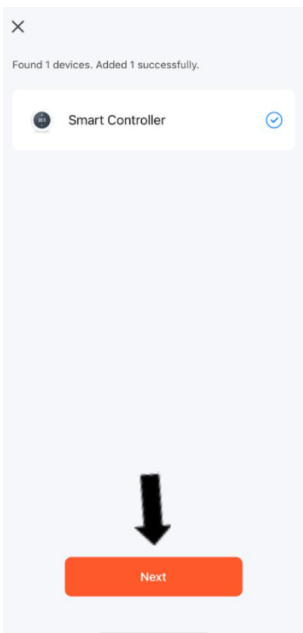
2. The app will now use Bluetooth to search for the device, once it has been found, press the Add button.



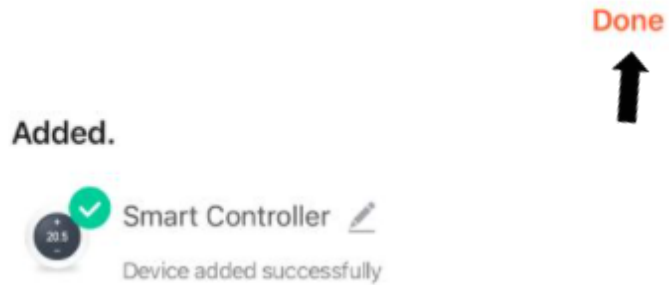
3. Select your WiFi network and enter your WiFi password, this is usually found on the back of your router. If you are already connected to the router through your phone, this will usually be pre-filled.



3. The network details will be uploaded to your device via Bluetooth and it will then begin to connect. Once successfully connected, press next.

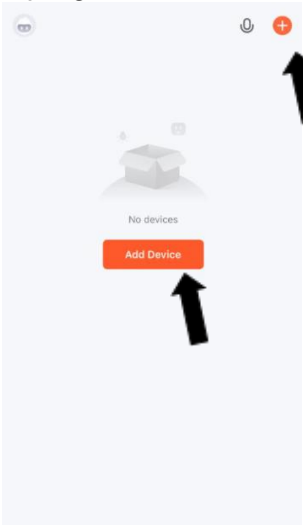
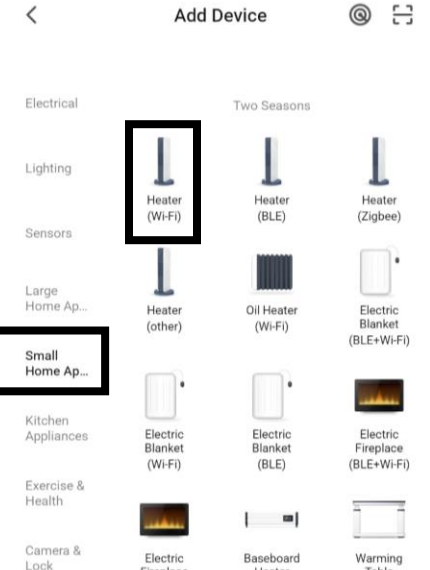
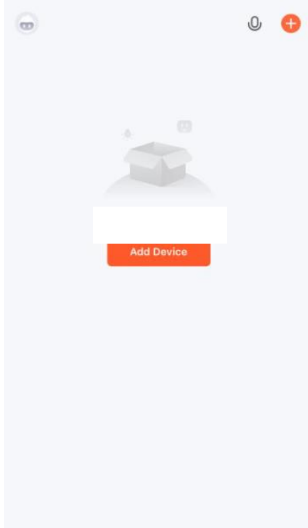

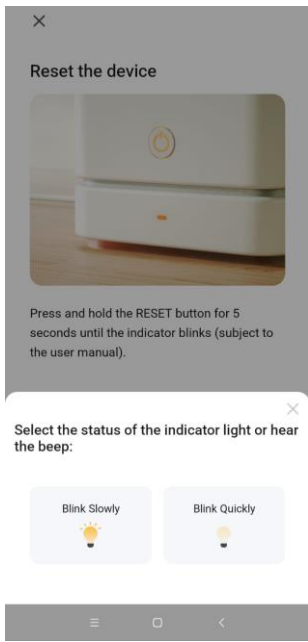
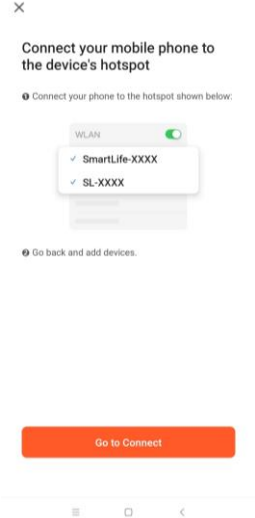


5. Your smart controller will now be ready to use, press done to access the control screen. See page 20.



CONNECTING USING AP MODE (ALTERNATIVE METHOD)

Before initiating the connection, make sure the unit is in standby mode, with the WiFi turned on within the additional settings. Also ensure your phone is connected to the WiFi network. (We advise turning mobile data off during setup)

| | | |
|---|---|---|
| <p>1. Open app and enter the home screen. Turn the unit on and on the app, press add device or the + in the top right corner.</p>  | <p>2. Select the type of device as "Heater (Wi-Fi)" within the "Small Home Appliance" tab.</p>  | <p>3. Select your WiFi network and enter your WiFi password, this is usually found on the back of your router. I</p>  |
| <p>4. Ensure that the unit is still in connection mode, if not restart connection mode by holding the MODE button for 5 seconds. Then press the orange button on the app.</p>  | <p>5. Select the option for "Blink Slowly"</p>  | <p>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.</p>  |
| <p>This will then transfer the settings to the heater.</p> <p>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.</p> | | |

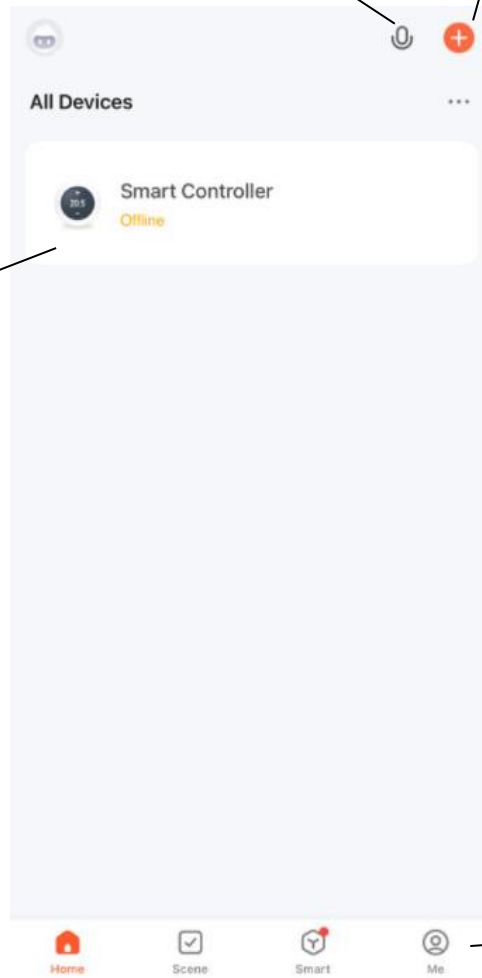
CONTROLLING YOUR APPLIANCE THROUGH THE APP

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.

Voice Control: Press to give verbal instructions for operation.

Add Device: Add a device to the app, and go through the setup process.



Name of Heater: Press to enter the Device Screen

Home: Return to home screen from the Smart Scene and Profile screens

Scene: Scene allows for a one touch button to be added to the Home Screen.

Smart Scene: Allows you to program intelligent behaviour based on the internal and external environment

Profile: Provides the option for changing settings,

DEVICE SCREEN

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

Back: Returns to the Home Screen

Device Name: TD-E07 Element

Device Profile: Use to change the name of the heater

Desired Temperature: Displays what has been set as the target temperature for the room

Current Room Temperature: Displays the current temperature.

Decrease Desired Temperature: Temperature range 7-30°C

Increase Desired Temperature: Temperature range 7-30°C

Mode: Comfort Mode

22.0°C
Current Temperature 23.5°C

SWITCH: Use to turn the unit on or off.

MODE: Select the mode that the heater will function in. See OPERATION for more information on each mode.

PROGRAM DATA / WEEKLY TIMER: Use to program the heater to change the operation and desired temperature throughout the week.

SETTINGS:

- Child lock – Turn the child lock on/off. All functions will be locked until child lock is disabled.
- Temp correction – Adjust the temperature compensation between -5 and 5.
- Boost time – Select the length of time the unit will stay in BOOST (Radiator) mode.
- Radiator Temperature (Comfort) – Set the maximum surface temperature of the radiator in comfort mode.
- Radiator Temperature (Eco) – Set the maximum surface temperature of the radiator in eco mode.




Switch, Mode, Program Data, Setting

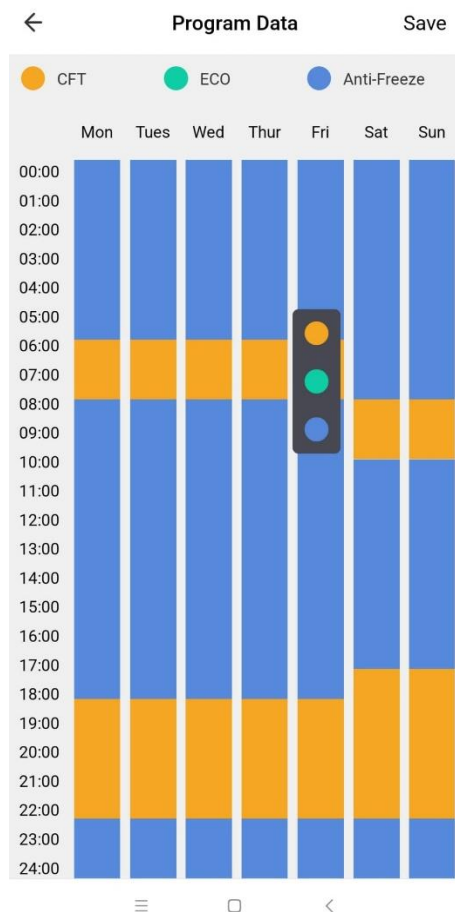
NOTE: Due to continuous development of the app, the layout and available features may be subject to change.

PROGRAM DATA / WEEKLY TIMER:

This screen can be used to easily program the weekly timer on the device.

The screen gives a visual representation of the weekly timer, with all the 1 hour time slots visible. To change a timeslot, press on it, and then choose the mode you want to operate for that hour between

| | | |
|---|--------|--------------|
|  | ORANGE | Comfort Mode |
|  | GREEN | ECO Mode |
|  | Blue | Anti-Frost |



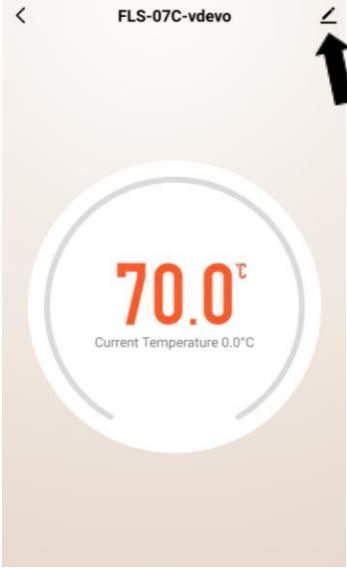
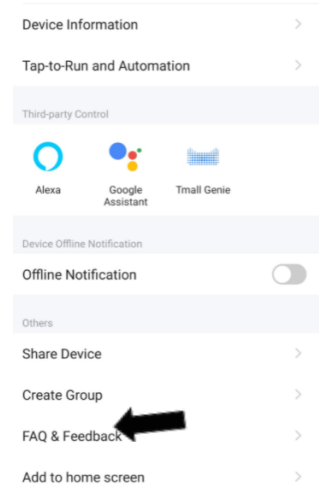
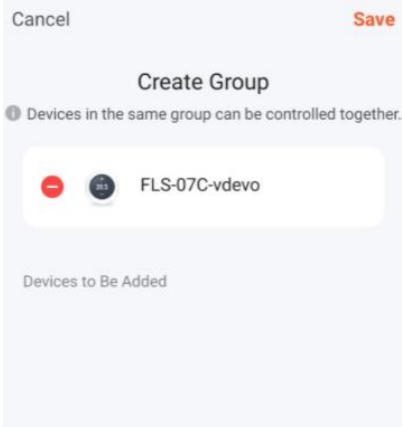
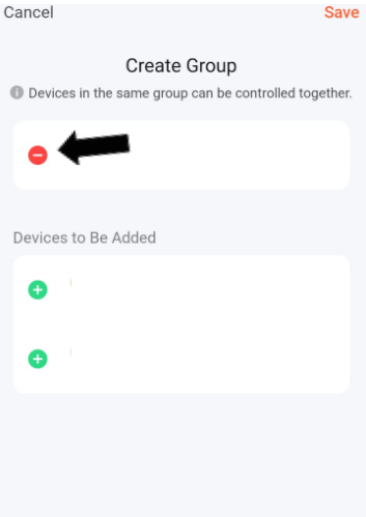
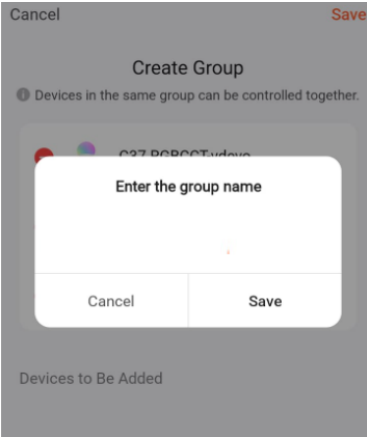
Once you have updated the schedule as required, press the save button in the top right hand corner.

Notes:

- Please note changes to the schedule can take upto 30 seconds to update on the heater.
- Any changes will only start for the following hour. i.e. if you amend the schedule at 14:30, the schedule will be followed from 15:00.

GROUPING

Your heater is equipped with two heating elements that are controlled independently providing the flexibility to run the heater at a lower power to conserve electricity. Within Tuya the elements can also be grouped allowing them to also be controlled together as a single appliance, simplifying their operation. Follow the steps below to group the heating elements:

| | | |
|--|---|---|
| <p>1. On the main device page, press the device profile button to enter the device settings.</p>  | <p>2. Scroll down and press the “Create Group” button.</p>  | <p>3. You will now be able to group your two heating elements. Ensure that both heating elements are connected to the Wi-Fi. The device that needs to be added will be shown in “devices to be added” drop down.</p>  |
| <p>4. Press the green plus button to add the new heating element to your group. You can remove items from your group by pressing the red minus button.</p>  | <p>5. Press the save button to save your new group. You will then have the option to name the group i.e “Bathroom Heaters”. You can now control both heaters from the same device screen.</p>  | |

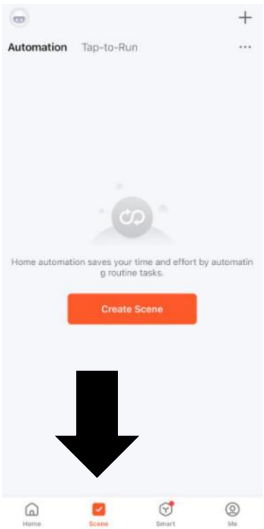
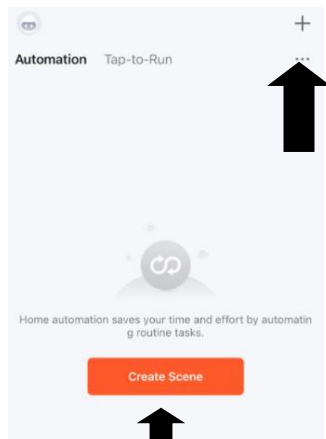
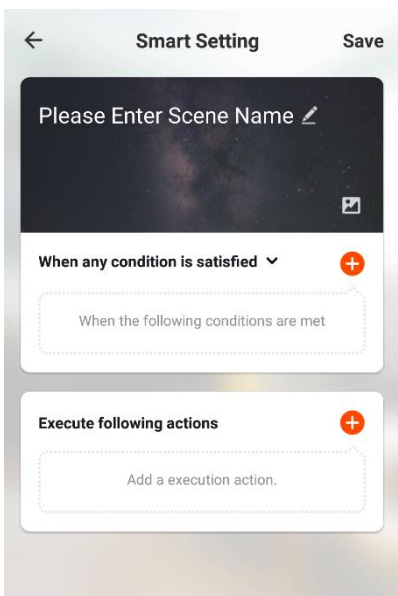
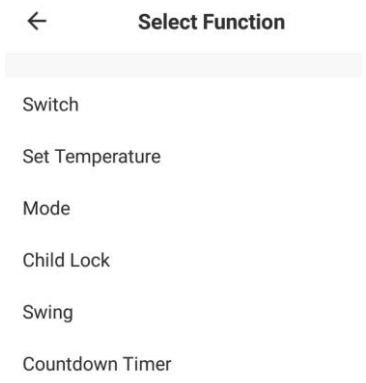
SMART SCENES

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

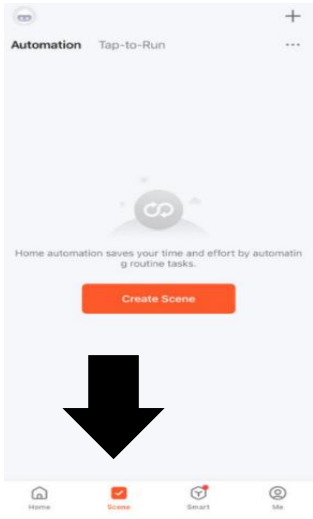
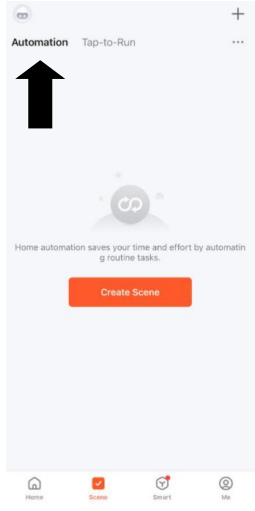
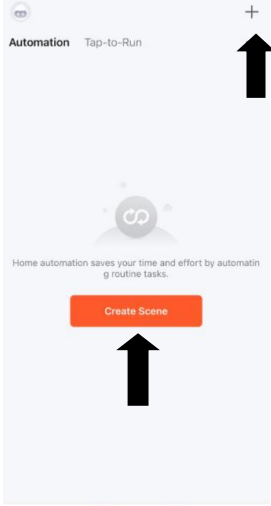
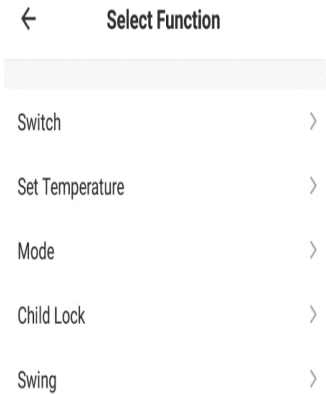
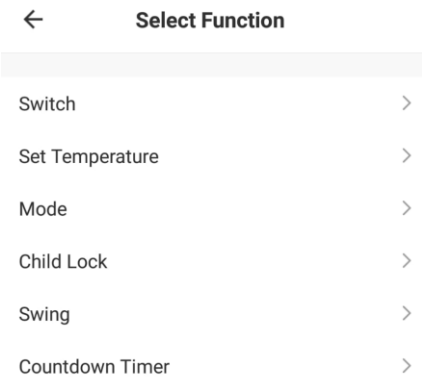
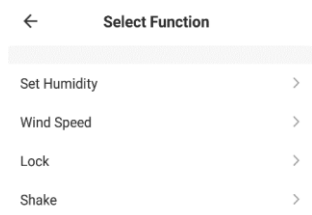
Scene allows for a one touch button to be added to the Home Screen. The button can be used to change a number of settings in one go, and can change all the settings within the unit. A number of scenes can easily be setup, allowing the user to easily change between a number of preset configurations.

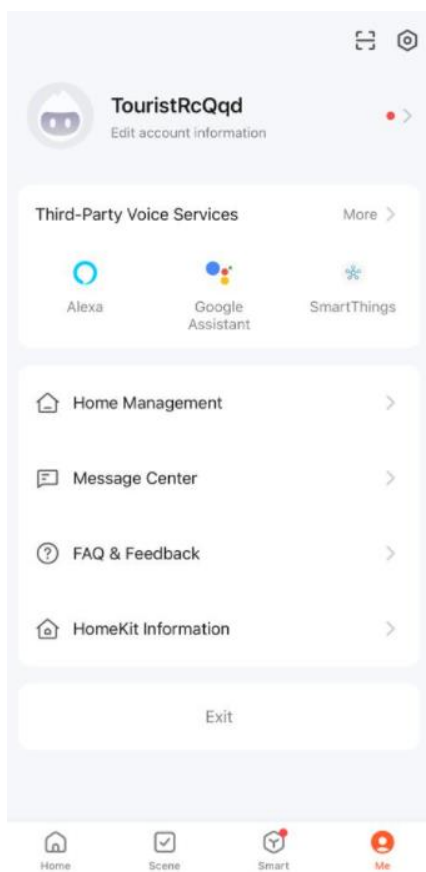
Below is an example of how to set up a scene:

| | |
|---|---|
| <p>1. Press on the Smart tab at the bottom of the Home screen</p>  | <p>2. Press on the Plus in the top right corner or on Add Scenario to add a smart scene.</p>  |
|  <p>3. Press the Pen next to "Please Enter Scene Name" to input the name for your Scene</p> <p>Show on Dashboard: Leave this on if you require the scene to be displayed as a button on the Home Screen</p> <p>Press the Red Plus to add the action required. Then select the heater from the list of devices.</p> | <p>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.</p>  |
| <p>5. 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</p> | |

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.

| | | |
|---|---|--|
| <p>1. Press on the Scene tab at the bottom of the Home screen</p>  | <p>2. Press on the Automation tab at the top of the screen.</p>  | <p>3. Press on the + at the top of the screen or press on Add Automatic Action</p>  |
|  | <p>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.</p> <p>Press the Pen next to “Please Enter Scene Name” to input the name for your Scene</p> <p>Press the Red Plus next to “When any condition is satisfied” to add the trigger</p> <p>Press the Red Plus next to “Execute following actions” to add the action required. Then select the heater from the list of devices.</p> | <p>5. Select the condition when the automation should start. A number of triggers can be combined.</p>  |
| <p>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.</p>  | <p>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.</p> <p>The automation is now set up, it can be turned on and off using the toggle on the home page.</p> | |



PROFILE TAB

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

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)

FAQ & FEEDBACK

Provides assistance using the features provided within the app

THIRD PARTY VOICE SERVICES

This allows the unit to be integrated with your favourite 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 WiFi connection mode, if not please refer to the MODES AVAILABLE FOR SETUP section.
2. Ensure that WiFi has not been disabled on the Heater (See ADDITIONAL SETTINGS section)
3. Ensure the WiFi password has been entered into the app correctly (Case sensitive)
4. Check that the phone is connected to the WiFi you are connecting the device to.
5. Ensure the network you are connecting it to is 2.4Ghz (5Ghz WiFi networks are not supported), and that there is a strong WiFi signal to the item.
6. 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.
7. Check the settings on the router. Encryption should be WPA2-PSK and authorisation type should be set to AES
8. Try using the alternative connection method. i.e. If connection is failing when attempting to connect through bluetooth, 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 | <ol style="list-style-type: none">1. The power cord is unconnected2. There is no power from the socket3. The power switch on the rear of the unit is turned off. | <ol style="list-style-type: none">1. Connect the power cord2. Check socket is turned on3. Ensure the power switch on the rear of the unit is in the on position |
| Odour emission from the unit | <ol style="list-style-type: none">1. 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 | <ol style="list-style-type: none">1. No action required |
| Strong vibrations and noise | <ol style="list-style-type: none">1. The Unit is not placed securely placed onto the wall2. The unit may be damaged | <ol style="list-style-type: none">1. Ensure that the unit is properly secured to the wall and level.2. 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 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>

TECHNICAL DATA

| MODEL | Voltage | Frequency | Max power | IP Rating |
|-----------------|----------|-----------|-----------|-----------|
| HS24-600-2DGW | 220-240V | 50Hz | 1000W | IPX4 |
| HS24-600-2WW | | | | |
| HS24-600-2LGW | | | | |
| HS24-600-2BW | | | | |
| VS6-1800-2DGW | | | | |
| VS6-1800-2WW | | | | |
| VS6-1800-2LGW | | | | |
| VS6-1800-2BW | | | | |
| VS8-1800-2.4DGW | 220-240V | 50Hz | 2400W | IPX4 |
| VS8-1800-2.4WW | | | | |
| VS8-1800-2.4LGW | | | | |
| VS8-1800-2.4BW | | | | |

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, Leeds Road, 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.

PRODUCT FICHE

| HS24-600-2DGW, HS24-600-2WW, HS24-600-2LGW, HS24-600-2BW | | | | | |
|--|--|-------|------|---|------|
| 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} | 2.0 | kW | manual heat charge control, with integrated thermostat | No |
| Minimal heat output | P _{min} | 0.8 | 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 | e _{lmax} | - | kW | Type of heat output/room temperature control (select one) | |
| At minimum heat output | e _{lmin} | - | kW | single stage heat output and no room temperature control | No |
| In standby mode | e _{lsb} | 0.5 | 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 | No |
| | | | | with black bulb sensor | No |
| Contact Details | electriQ, Unit J6, Lowfields Business Park, Lowfields Way, Elland, West Yorkshire, HX5 9DA BuyItDirect, The Black Church, St Mary's Place, Dublin 7 | | | | |

| VS6-1800-2DGW, VS6-1800-2WW, VS6-1800-2LGW, VS6-1800-2BW | | | | | |
|--|--|-------|------|---|------|
| 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} | 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 | e _{lmax} | - | kW | Type of heat output/room temperature control (select one) | |
| At minimum heat output | e _{lmin} | - | kW | single stage heat output and no room temperature control | No |
| In standby mode | e _{lsb} | 0.5 | 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 | No |
| | | | | with black bulb sensor | No |
| Contact Details | electriQ, Unit J6, Lowfields Business Park, Lowfields Way, Elland, West Yorkshire, HX5 9DA BuyItDirect, The Black Church, St Mary's Place, Dublin 7 | | | | |

| VS8-1800-2.4DGW, VS8-1800-2.4WW, VS8-1800-2.4LGW, VS8-1800-2.4BW | | | | | |
|--|--|-------|------|---|------|
| 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} | 2.4 | kW | manual heat charge control, with integrated thermostat | No |
| Minimal heat output | P _{min} | 1.2 | kW | manual heat charge control with room and/or outdoor temperature feedback | No |
| Maximum continuous heat output | P _{max} | 2.4 | 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 | e _{lmax} | - | kW | Type of heat output/room temperature control (select one) | |
| At minimum heat output | e _{lmin} | - | kW | single stage heat output and no room temperature control | No |
| In standby mode | e _{lsb} | 0.5 | 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 | No |
| | | | | with distance control option | No |
| | | | | with adaptive start control | No |
| | | | | with working time limitation | No |
| | | | | with black bulb sensor | No |
| Contact Details | electriQ, Unit J6, Lowfields Business Park, Lowfields Way, Elland, West Yorkshire, HX5 9DA BuyItDirect, The Black Church, St Mary's Place, Dublin 7 | | | | |