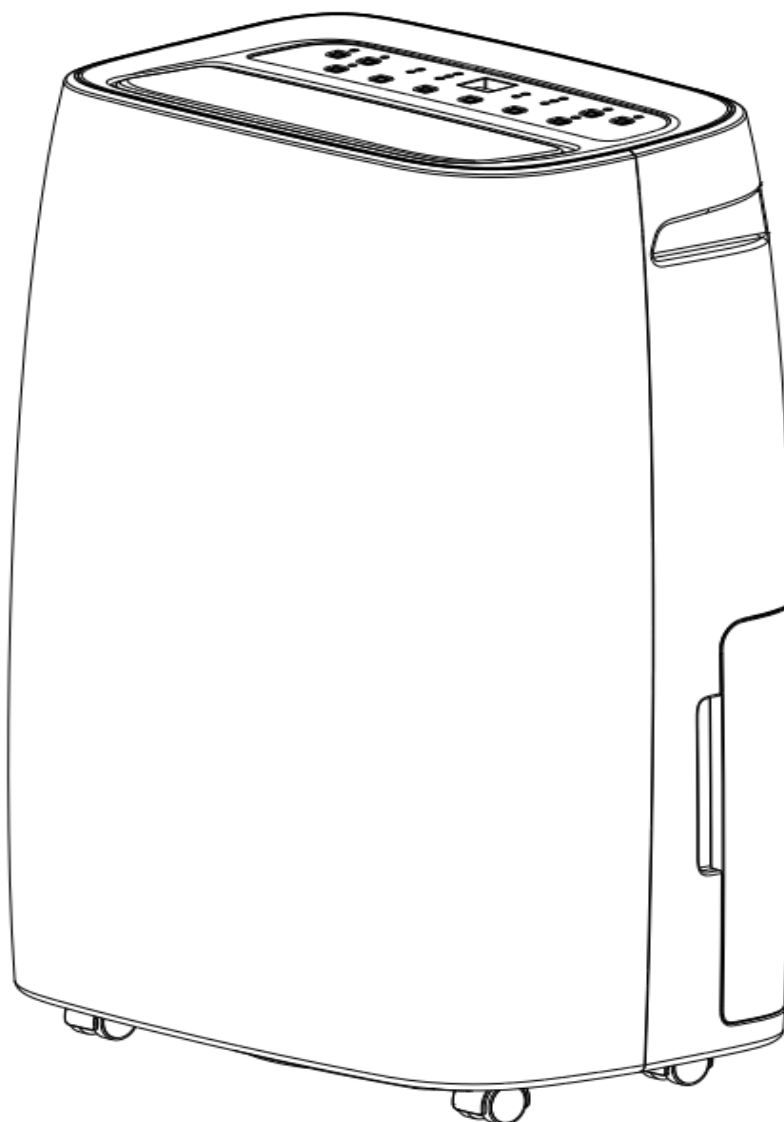




## **USER MANUAL**



# **COMMERCIAL LARGE HOME OFFICE DEHUMIDIFIER WITH DIGITAL HUMIDISTAT PD45E – 40 litres per day**

Thank you for choosing electriQ.

Please read this user manual before using this innovative Dehumidifier and keep it safe for future reference

Visit our page [www.electriQ.co.uk](http://www.electriQ.co.uk) for our entire range of Intelligent Electricals

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# SAFETY INSTRUCTIONS

## IMPORTANT

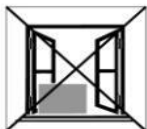
- Carefully read the instructions before operating the unit
- This appliance is for indoor use only and intended for use in a domestic environment only. Any other use is not recommended by the manufacturer and may cause fire, electrical shocks or other injury to user or property.
- Rating: This unit 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 dehumidifier has been tested and is safe to use. However, as with any electrical appliance - use it with care.
- Disconnect the power before dismantling, assembling or cleaning.
- Avoid touching any moving parts of the appliance.
- Never insert fingers, pencils or any other objects through the guard
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities. It is also not intended for use by those with a lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
- Do not leave children unsupervised with this appliance.
- 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 a power outlet is not available, one should be installed by a qualified electrician.
- Never operate this appliance if the cord, power adapter or plug is damaged. Ensure the power cord is not stretched or exposed to sharp objects/edges.
- A damaged power supply cord should be replaced by the manufacturer or a qualified electrician in order to avoid a hazard.
- Any service other than regular cleaning or filter replacement should be performed by an authorized service representative. Failure to comply could result in a voided warranty.
- Do not use the appliance for any purpose other than its intended use.
- Do not tilt the unit while in use. The unit is design to work only in vertical position.
- This dehumidifier must always be stored and transported upright, otherwise irreparable damage may be caused to the compressor; if in doubt we suggest waiting at least 24 hours before starting the unit.
- Avoid restarting the dehumidifier unless 5 minutes have passed since being turned off. This prevents damage to the compressor.
- Never use the plug as a switch to start or turn off the dehumidifier. Use the provided ON/OFF switch located on the control panel.
- Always place the unit on a dry and stable surface.
- The appliance should not be installed in laundry or wet rooms where the humidity is higher than 85% RH
- Do not dry laundry above the unit to prevent water entering the dehumidifier. Place the laundry at least 1 meter away from your dehumidifier.

- The appliance must be placed in a room without sources of ignition (for example: open flames, an operating gas appliance or an operating electric heater).
- R290 refrigerant gas complies with European environmental directives.
- R290 has a low GWP (Global Warming Potential) of 3.
- The unit contains about 145g of R290 refrigerant gas.
- Do not use or store the dehumidifier in an unventilated space with an area smaller than 7.0m<sup>2</sup> per unit.
- If the appliance is installed, used or stored in an unventilated room, the room must be such as to prevent stagnation of possible leaks of refrigerant gas as there could be a danger of fire or explosion should the refrigerant come into contact with electric heaters, stoves or other sources of ignition.
- Refrigerant gas may be odourless.
- Do not use the product and contact the retailer for advice, if damage has occurred to the unit which may have compromised the refrigerant system.
- Any repairs or maintenance must only be carried out on the unit by a suitably qualified engineer. Before opening and servicing the unit the authorized engineer must be in possession of a copy of the manufacturer's service manual and must follow the safety information contained within it to ensure all hazards are minimized.
- The refrigerant system should not be perforated or punctured.
- Do not place the unit next to heat sources (e.g. electrical fires, fireplaces, etc.)
- Avoid mishandling the dehumidifier. Dropping, throwing the unit can cause damage to its internals and increases the risks of operating it.
- Do not store or use gasoline, petrol, paint, solvents or other flammable vapours or liquids in the vicinity of this dehumidifier or any other appliance.
- This dehumidifier must not be used in spaces where there is a high concentration of gases, solvent or other volatile organic compounds; in very dusty environments; in any domestic, commercial or industrial environment where the air composition is flammable.

## **ENERGY SAVING AND UNIT SAFETY PROTECTION TIPS**

- Do not cover or restrict the airflow from the outlet or inlet grills. Do not operate and follow troubleshoot procedure if the self-opening louvers do not open on power on.
- For maximum performance the minimum distance from a wall or objects should be 20 cm
- Keep the filters or grills of the unit clean. Under normal conditions, filters or grills should only need cleaning once every three weeks (approximately).
- Since the filters remove airborne particles, more frequent cleaning maybe necessary, depending on the air quality. Vacuum both mesh and optional carbon filters and wash the mesh filters with hot soapy water and dry them before placing them back in the unit.

## QUICK VISUAL SAFETY GUIDE ON WHERE OR WHEN NOT TO USE YOUR DEHUMIDIFIER



Exposed to the weather outdoors



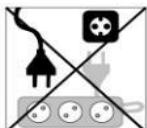
Near water



If the power cable wires are frayed or cut



Where small children may be left unattended



If an extension lead may become overloaded



Where the power cable may be damaged



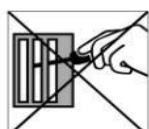
On a slope or uneven surface



Where there is risk of fire or close to a naked flame



Where it may be damaged by chemicals



Where there is a risk of interference by foreign objects



This product is not made for DIY repair



If there is a risk of water falling on the unit

## INSTALLATION

Remove any water from within the water tank before starting the unit. In order to save energy do not open windows or doors while the unit is running. Place the unit on a hard / flat surface. On first use run the unit continuously for 24 hrs.

### **TO REDUCE NOISE LEVELS:**

Place a piece of carpet or a rubber mat under the unit to reduce any vibrations while the unit is running.

The PD45E dehumidifier uses compressor technology to extract water from the environment. Compressor dehumidifiers are ideal for normal domestic or office environments which are heated during the winter months and maintain a temperature above 12-15°C.

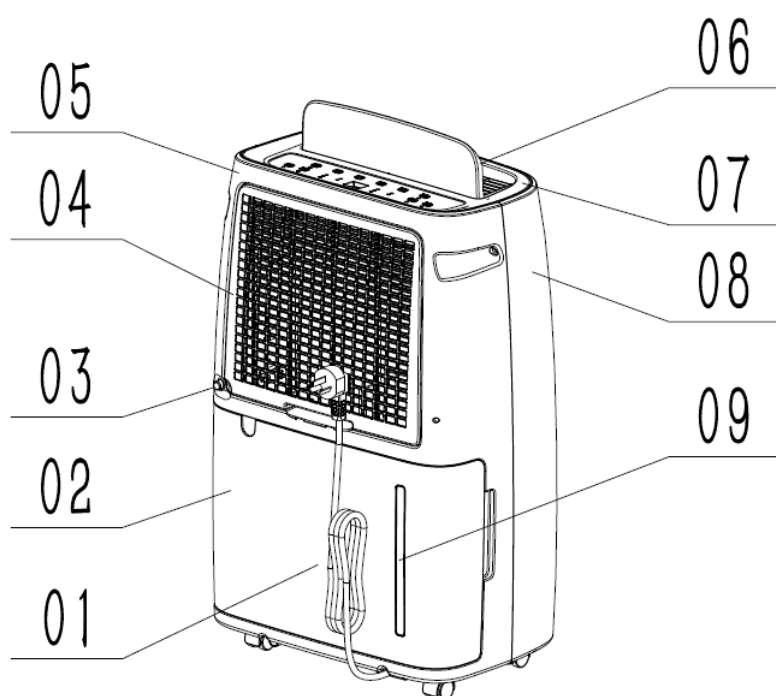
The dehumidifier is easy to move around on castors and are designed to extract unwanted humidity while saving money due to its power saving logic. Its features an intelligent humidistat where the desired relative humidity can be adjusted in increments of 5% between 30 and 90% ensuring your room is not dried too much and power is not wasted.

## FEATURES

Your electriQ dehumidifier belongs to the electriQ Pro range of domestic and commercial dehumidifiers. They are designed to provide the best combination of:

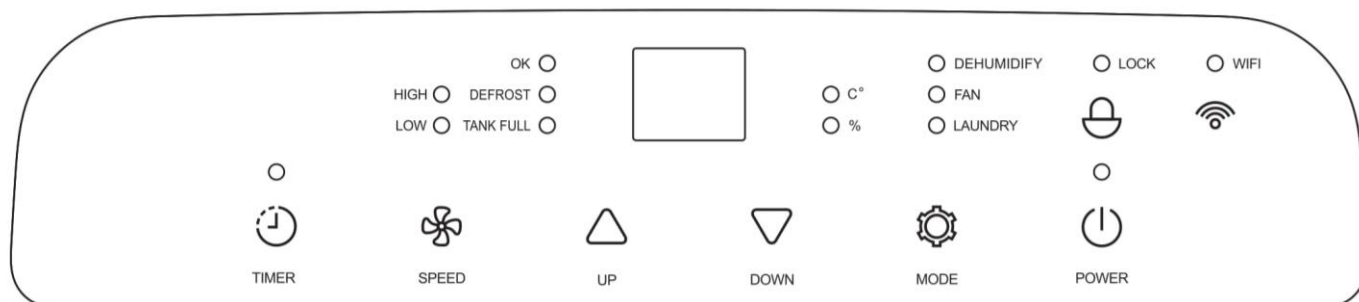
1. Efficient, easy to use to use controls
2. Great for larger living areas such as spacious flats, offices and homes and for commercial applications
3. Designed to complement any modern space






## PARTS










1	Power cord
2	Water tank
3	Continuous drainage port
4	Filter
5	Rear casing
6	Air outlet
7	Top cover
8	Front casing
9	Water indicator

## CONTROL PANEL



	<b>POWER</b> Turn the appliance on/off
	<b>MODE Button</b> Select the function of the unit between: DEHUMIDIFY, FAN and LAUNDRY modes. The LED's will illuminate to show which mode is selected. <b>DEHUMIDIFY:</b> The unit will dehumidify and aim for the humidity set using the up and down buttons. <b>FAN:</b> Only the fan will run and water is not extracted. <b>LAUNDRY:</b> The unit will dehumidify at the maximum level, ideal for drying clothes.
	<b>HUMIDITY SETTING</b> Press the UP and DOWN buttons to select the desired relative humidity level. DOWN can be repeatedly pressed until CO is displayed, or UP can be repeatedly pressed until AU is displayed <b>CO:</b> Continuous mode, the unit will run continuously, and will only stop for defrosting, or if the water tank is full. <b>AU:</b> Automatic mode. The desired humidity is dependant on the room temperature $\leq 20^{\circ}\text{C}$ - Desired humidity is set to 60% $21 \leq \text{room temp} \leq 27^{\circ}\text{C}$ - Desired humidity is set to 55% $> 27^{\circ}\text{C}$ - Desired humidity is set to 50%
	<b>FAN SPEED</b> Use to select the fan speed. The LED's above will illuminate to show the fan speed selected. <b>Note:</b> The fan speed cannot be changed in AU mode when the temperature is above $27^{\circ}\text{C}$
	<b>TIMER</b> Press the TIMER button to program the timer. When the timer is activated the "TIMER" light will be illuminated. Before programming the timer, ensure the timer function has not been activated (the light must be off). The following timer programs are available. <b>DELAYED POWER-ON FUNCTION:</b> With the appliance in stand-by, repeatedly press the TIMER button to select in how many hours time you require the unit to start (0~24 hours). <b>DELAYED POWER-OFF FUNCTION:</b> While the appliance is running with the desired settings, repeatedly press the timer button to set in how many hours time you require the unit to stop (0~24 hours).

	<b>CHILD LOCK</b> Hold the LOCK button for 5 seconds to activate the child lock. The LED indicator will illuminate to show the child lock is activated. To turn it off hold the LOCK button again for 5 seconds.
	<b>WIFI</b> Hold the WIFI button for 6 seconds to reset the WIFI module ready for connection, or to change the connection method between AP (Access point) and CF (Quick Connection) modes. This also resets the WIFI module.
OK 	<b>OK INDICATOR</b> When lit, shows that the desired humidity set has been reached, and the compressor is in standby mode
DEFROST 	<b>DEFROST INDICATOR</b> The appliance will defrost automatically when the coil sensor detects that the internal temperature is too low. During defrosting the indicator will light up. Once the defrost cycle has finished, the appliance will return to the mode that was previously operating.
TANK FULL 	<b>TANK FULL</b> When the water tank is full, the TANK FULL indicator light will flash, and the unit will stop operating. Once emptied and replaced, the appliance will resume operation.
 	<b>DISPLAY</b> As default, the unit will display the current humidity of the room. The unit is also able to display the current room temperature. Press the UP and DOWN buttons at the same time to change between the units shown. If the UP or DOWN button are pressed, the display will show the desired humidity set on the dehumidifier. While the timer is set, the unit will display the duration of the timer.



## QUICK REFERENCE GUIDE



**POWER Button:** Press to turn the dehumidifier on and off.



**MODE Button:** Press to change the unit between dehumidify, fan and laundry mode.



**TIMER:** Repeatedly press the timer button to adjust the duration of the timer (1-24 hrs, start/ stop timer).

**If set while the unit is running:** The number will represent the number of hours the unit will operate before turning off. This will not be affected if the unit enters defrost mode or the tank is emptied and reinserted.

**If set while the unit is in standby:** The set number represents the period in hours after which the unit will start. To cancel start / stop mode press the timer key again.



**Up and Down Buttons:** While the unit is in dehumidify mode these buttons can be used to adjust the desired humidity level. The desired relative humidity can be set between 30 and 90% in 5% increments. Pressing DOWN below 30% will put the unit in continuous mode (CO). Pressing UP above 90% will put the unit in auto mode. In auto mode the desired humidity will be based on the room temperature.

AUTO MODE (AU)	
ROOM TEMPERATURE	DESIRED HUMIDITY (%)
$\leq 20^{\circ}\text{C}$	60
$21 \leq \text{Room Temp} \leq 27^{\circ}\text{C}$	55
$> 27^{\circ}\text{C}$	50

**LAUNDRY MODE:** When drying clothes it is advised for the dehumidifier to operate continuously with maximum water extraction until the water tank is full. Set the unit to the laundry mode, and the unit will work until the water tank is full. Do not place clothes directly over any of the vents on the dehumidifier. Make sure that there is nothing blocking the hot air exhaust air flow and for best results place the laundry within 1.5 meters of the dehumidifier.

### NOTES:

- If a permanent drainage pipe is fitted the unit will not stop operating. Setting the desired humidity to around 35% is good for laundry mode, a quick drying boost, or in emergencies. It is not recommended for long normal operation in a domestic or office environment.
- To allow more moisture in the air, press the up button and set to a higher desired humidity (e.g. 60-70%).
- We recommend setting the humidity to 50-55%. This is great for domestic operation and dry storage
- Setting the humidity to 60% is great for personal comfort and applications where 50% RH is considered too dry
- Setting the humidity to 70% is ideal for unoccupied properties or where an economical run is needed without the need to reduce the humidity further.

## OTHER FEATURES AND INDICATORS

### TANK FULL LIGHT

When the water tank is full, removed or incorrectly inserted the unit will stop dehumidifying, the tank full light will illuminate. Empty the tank and reinsert it correctly to resume operation.

### AUTO DEFROST

When frost builds up on the evaporator coils, the compressor will cycle off and the unit will go in to defrost mode. Following completion of the defrost mode, the unit will return to the previously operating settings.

- When the unit is running in a room with a temperature between 5°C and 12°C, it will enter defrost mode roughly every 30 minutes.
- When the unit is running in a room with a temperature between 12°C and 20°C, it will enter the defrost mode roughly every 45 minutes.

### HUMIDISTAT CONTROL AND FAN/COMPRESSOR OPERATION

- When the humidity of the room is 2% lower than the desired humidity the compressor will turn off automatically but the fan will continue to operate to ensure that the air within the room is not stale. The unit will use only a minimal amount of energy in fan mode.
- When the humidity of the room is equal to or higher than the desired humidity the compressor will restart after a 3 minutes delay to protect the compressor.

### AUTO-RESTART (on some models)

If the unit stops unexpectedly due to the power cut, it will restart with the previous function selected automatically when the power resumes, and the 3 minute compressor protection has elapsed.

### POWER

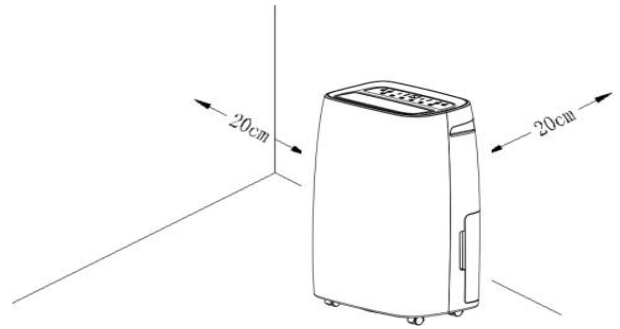
After the unit has stopped, to protect the compressor it is not recommended to resume operation for at least 10 minutes. Operation can resume after this period lapses. When the unit is restarted there is a 3 minutes delay before compressor will start.

## POSITIONING THE DEHUMIDIFIER

A badly positioned dehumidifier will have little effect. In positioning the dehumidifier please ensure circulation of air is not restricted around the unit.

Allow at least 20 cm space around the unit. This dehumidifier is designed only for indoor residential or office applications and any industrial use will invalidate the warranty.

Use in an enclosed area for maximum efficiency. Close all doors, windows to create an effective operating environment. Do not use outdoors.



Your electriQ dehumidifier will begin to protect your space from the harmful effects of excessive moisture as soon as it is turned on. Excess moisture is dispersed throughout your home. For this reason, the dehumidifier should be positioned in a central and clear location so that it can draw this moist air towards it from all over the home. A warm hallway or landing is an excellent position for your dehumidifier. If possible, leave interior doors ajar to allow air circulation.

Alternatively, if you have a serious problem in one area you can begin by positioning the dehumidifier there and moving it to a more central location at a later date. For the most effective use, run your dehumidifier with external doors and windows kept closed. Please note the unit should not be placed directly against a radiator or other heat source.

When positioning your electriQ dehumidifier, ensure that it is placed clear of any obstacle that may limit the air movement. Place the dehumidifier on a flat dry surface.

**Note:** Do not move the unit with water in the tank as it may tip over and spill water.

## WATER DRAINAGE

When the water tank is full, the unit will stop automatically. When this happens the **TANK FULL** light will show on the control panel.

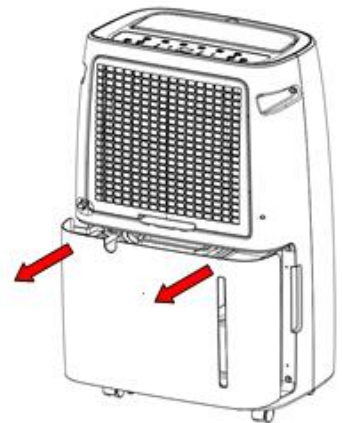
**NOTE:** Only empty the water tank when it is full or before moving or storing the unit.

There are two ways to dispense collected water.

### 1. USE THE TANK

When the tank is full, the unit will automatically stop running, and the Tank Full indicator will flash.

Slowly pull out the tank. Grip the tank by its handle securely, and carefully pull it out. Empty the water tank and reinsert it into the dehumidifier. The tank must be in place and securely seated for the dehumidifier to operate again. The dehumidifier will re-start when the tank is restored in its correct position.



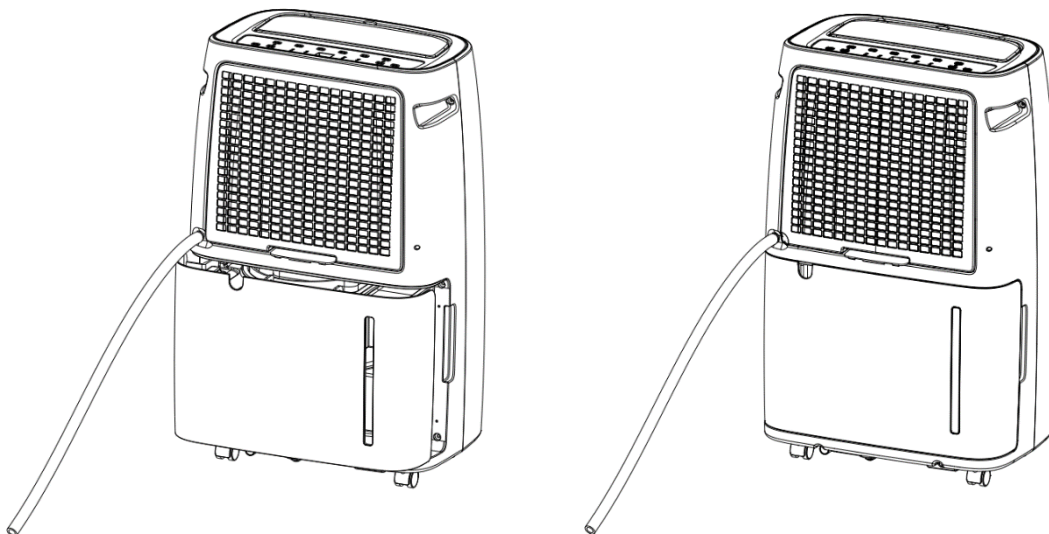
#### NOTES:

When you remove the water tank, do not touch sensors or any parts which are situated behind tank. Doing so may damage the product. Be sure to push the tank gently all the way into the unit. Banging the bucket against anything or failing to push it in securely into place may cause the unit not to operate.

Do not remove any parts from the water tank or tank enclosure. The water full sensor will no longer be able to detect the water level correctly and water may leak from the water tank.

### 2. CONTINUOUS DRAINAGE

Water can be automatically plumbed in or drained into a sink, a larger recipient or through the wall into an outside drain by attaching a pipe to the unit (10 mm internal diameter) (not included). Remove the rubber bung and Insert the pipe into the drain outlet on the back of the unit as shown here.



Make sure the connection between pipe and the drain outlet is tight and does not leak. Then direct the pipe to a suitable drainage point. This unit uses gravity to dispose of water hence the drain should be lower than the water outlet on the unit. Put the tank back into the unit. Be sure to run the water pipe downward and let the water to flow out smoothly. Do not kink or bend the pipe.

The permanent drain can be used in conjunction with a water pump (e.g. when draining from a cellar) to lift the water upwards.

# SETTING UP THE WIFI FUNCTION

## BEFORE YOU START

- Ensure your router provides a standard 2.4ghz connection.
- If your router is dual band ensure that both networks have different network names (SSID). The provider of your router / Internet service provider will be able to provide advice specific to your router.
- Place the dehumidifier as close as possible to the router during setup.
- Once the app has been installed on your phone, turn off the data connection, and ensure your phone is connected to your router via 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

## CONNECTION METHODS AVAILABLE FOR SETUP

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

Before starting the setup, please ensure that your dehumidifier is in the correct standby mode for the connection type you are attempting, the display your dehumidifier will indicate this.

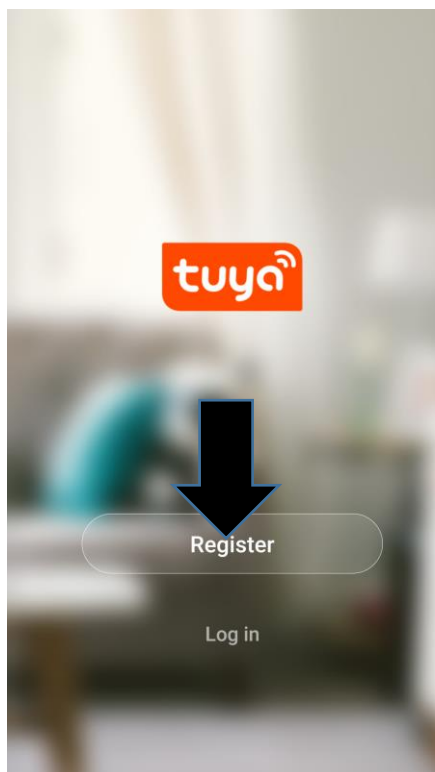
## CHANGING BETWEEN CONNECTION MODES / WIFI RESET

To change the unit between the two connection types, hold the WIFI button for 6 seconds. The connection mode is signified by the frequency of the flashing wifi light. This will also remove any previous WIFI configuration.

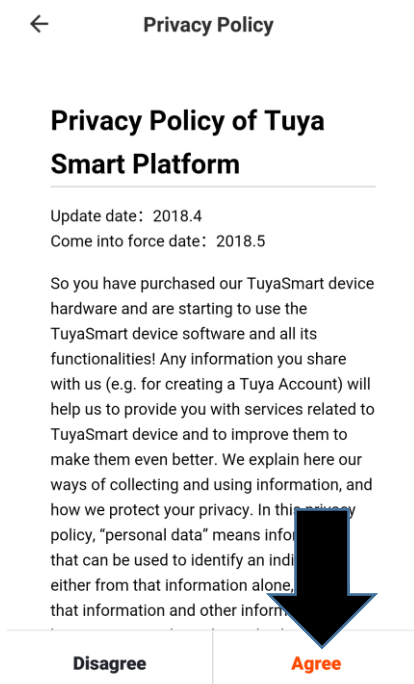
Connection Type	Frequency of Flashes
CF (Quick Connection)	Flashes twice per second
AP (Access Point)	Flashes once per second

## REGISTER THE APP

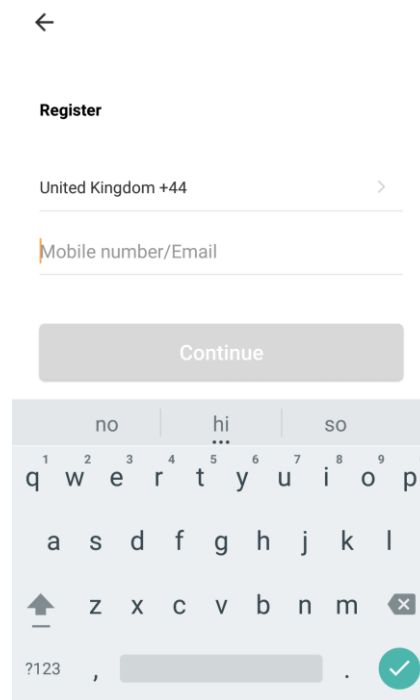
1. Press on the register button at the bottom of the screen.



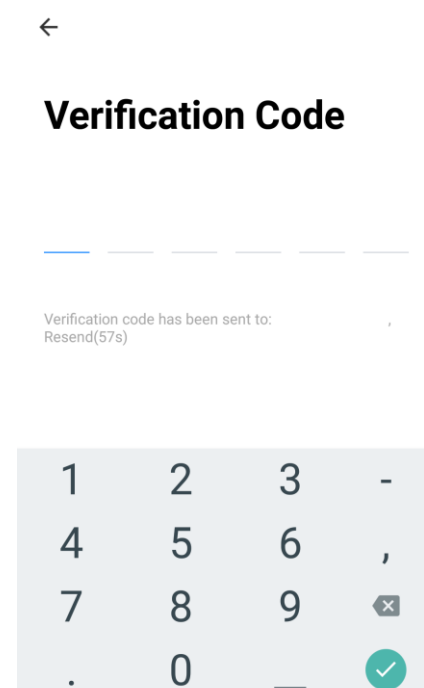
2. Read the Privacy policy and press the Agree Button.



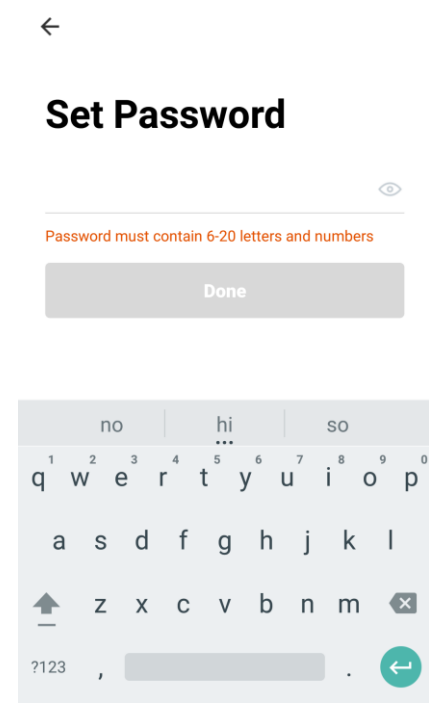
3. Enter your email address or phone number and press continue to register.



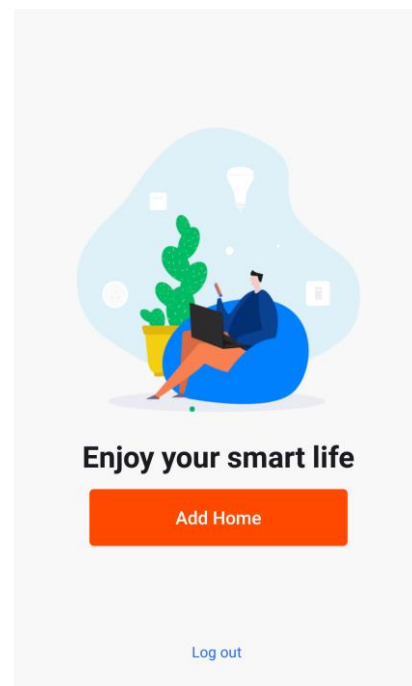
4. A verification code will be sent by the method selected in step 3. Enter the code into the app.



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



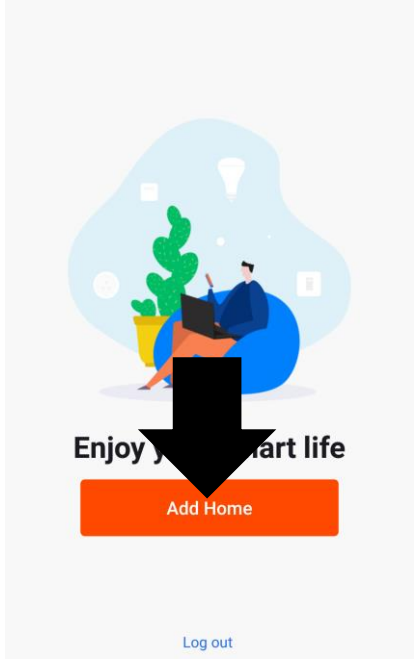
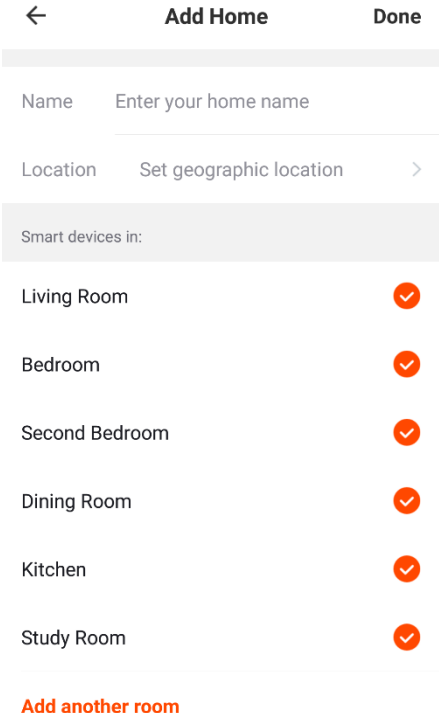
2. The app is now registered. It will automatically log you in following registration.

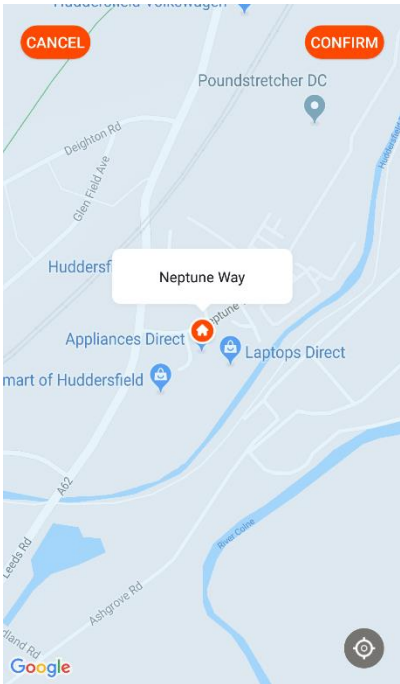
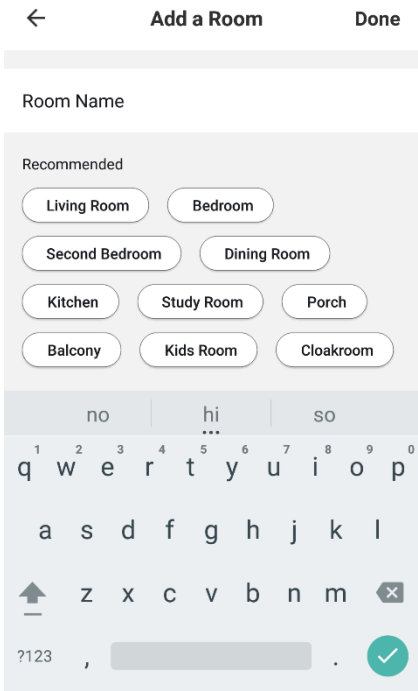


## SETTING UP YOUR HOME WITHIN THE APP

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 devices are then added, they are assigned to one of the rooms you have created.

### CREATING ROOMS

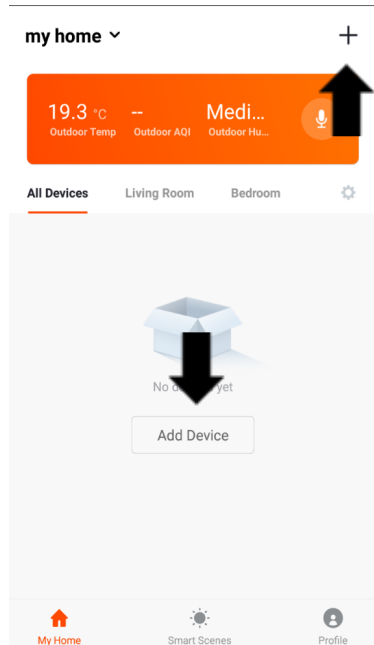
<p>1. Press on the ADD HOME button.</p> 	<p>3. Type in a name for your home, 4. Press on the location button to select the location of your home. (See SETTING YOUR LOCATION below) 5. New rooms can be added by pressing the ADD ANOTHER ROOM option at the bottom. (See ADD ANOTHER ROOM below) 6. Untick any rooms that are not required on the app. 7. Press DONE in the top right corner.</p> 
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<h3>SETTING YOUR LOCATION</h3> <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> 	<h3>ADD ANOTHER ROOM</h3> <p>Type in the name of the room, and press Done in the top right corner</p> 
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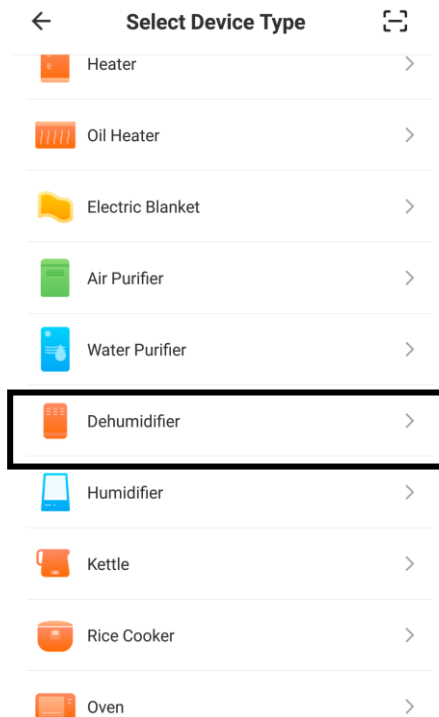
## CONNECTING USING QUICK CONNECTION

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

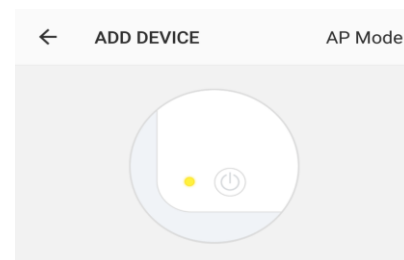
1. Open app and press “+” to add device, or use the add device button



2. Select the type of device as “Dehumidifier”



3. Ensure the wifi light on the dehumidifier is flashing twice per second, then press on the orange button at the bottom of the screen to confirm.

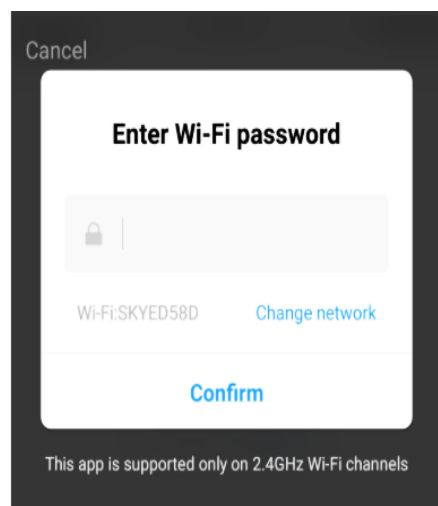


Power on the device and confirm that indicator light rapidly blinks

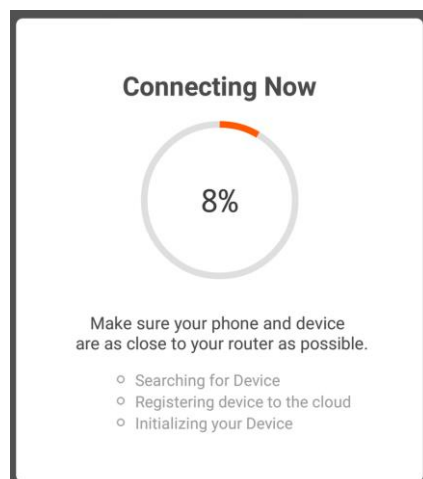
[How to make indicator rapidly blink](#)

**Confirm indicator rapidly blink**

4. Enter your wifi password and press confirm.



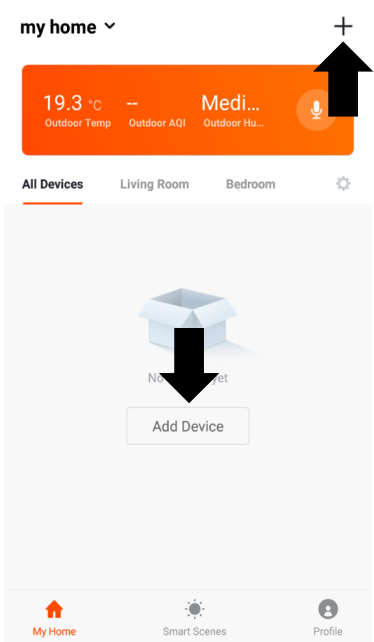
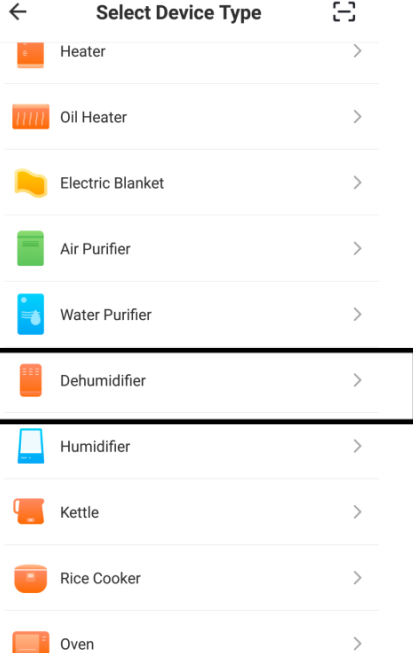
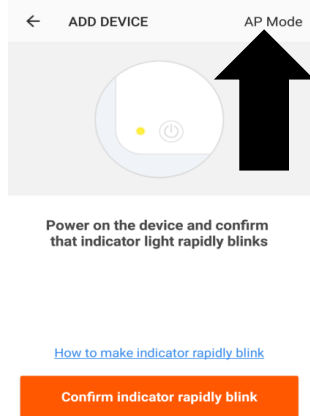
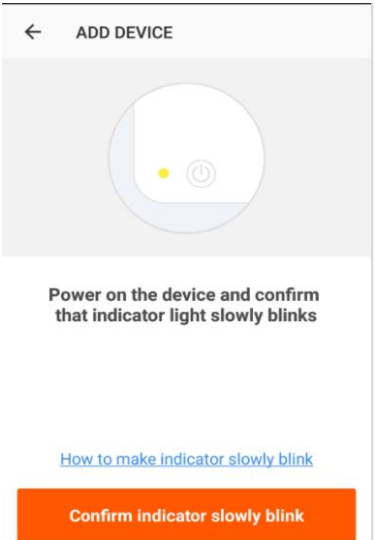
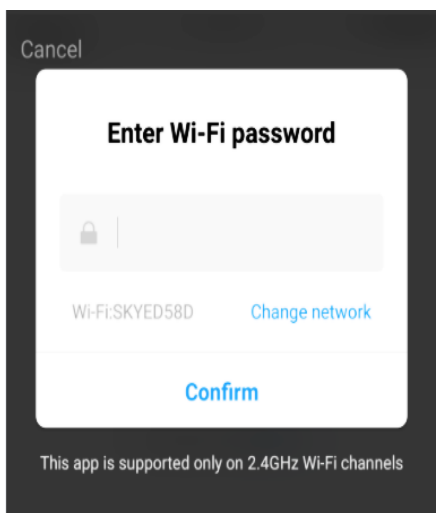
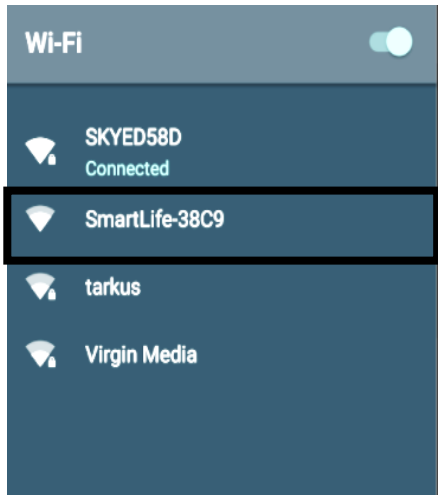
5. This will then transfer the settings to the dehumidifier. Wait for this to complete. If this fails, retry. If still unsuccessful please review the troubleshooting section for further help.





## CONNECTING USING AP MODE (ALTERNATIVE METHOD)

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

<p>1. Open app and press “+” to add device, or use the add device button</p> 	<p>2. Select the type of device as “Dehumidifier”</p> 	<p>3. Press on the AP mode button in the top right of the screen.</p> 
<p>4. Ensure the wifi light on the dehumidifier is slowly flashing (once per second), then press on the orange button at the bottom of the screen to confirm</p> 	<p>5. Enter your wifi password and press confirm.</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 dehumidifier. 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 DEVICE THROUGH THE APP

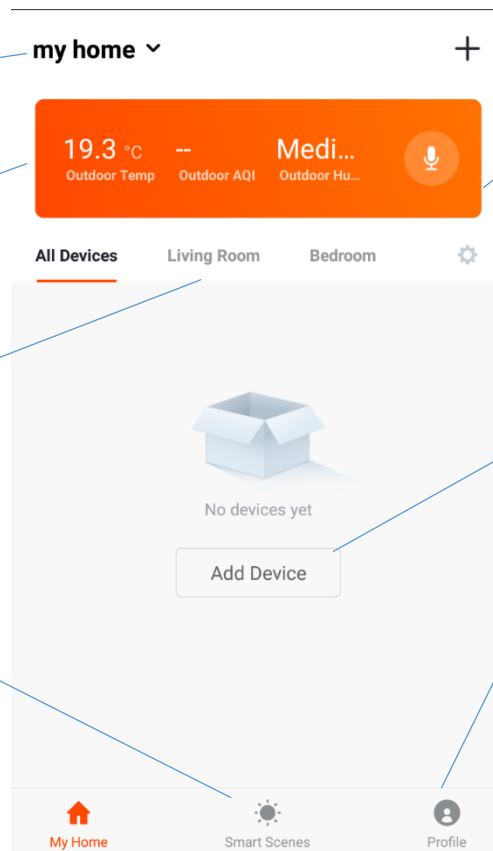
## THE HOME SCREEN

**Change Home:** If you have a number of units at different houses, you can change between them

**Environmental information:** Provides outdoor temperature and humidity based on the location details entered

**Rooms:** Use to view the units set up within each room

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



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

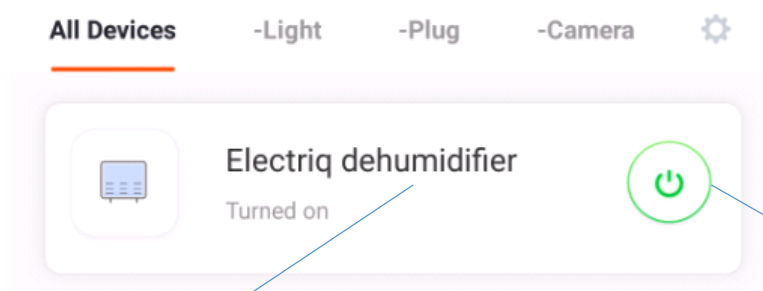
**Room Management:** Allows rooms to be added, removed or renamed.

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

**Profile:** Provides the option for changing settings, and adding devices using a QR code provided by a friend.

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

**Name of dehumidifier:** Press to enter the Device Screen

**ON / OFF Button:** Use to quickly turn the unit on or off.

## DEVICE SCREEN

The device screen is the main control screen for the dehumidifier, providing access to the controls to amend the functions of the dehumidifier

**Back:** Returns to the Home Screen

**Desired Humidity Down Button:** Use to decrease the desired humidity. Going below 30% will put the unit into Continuous Mode (CO)

**Current Room Humidity:** Displays the current room humidity

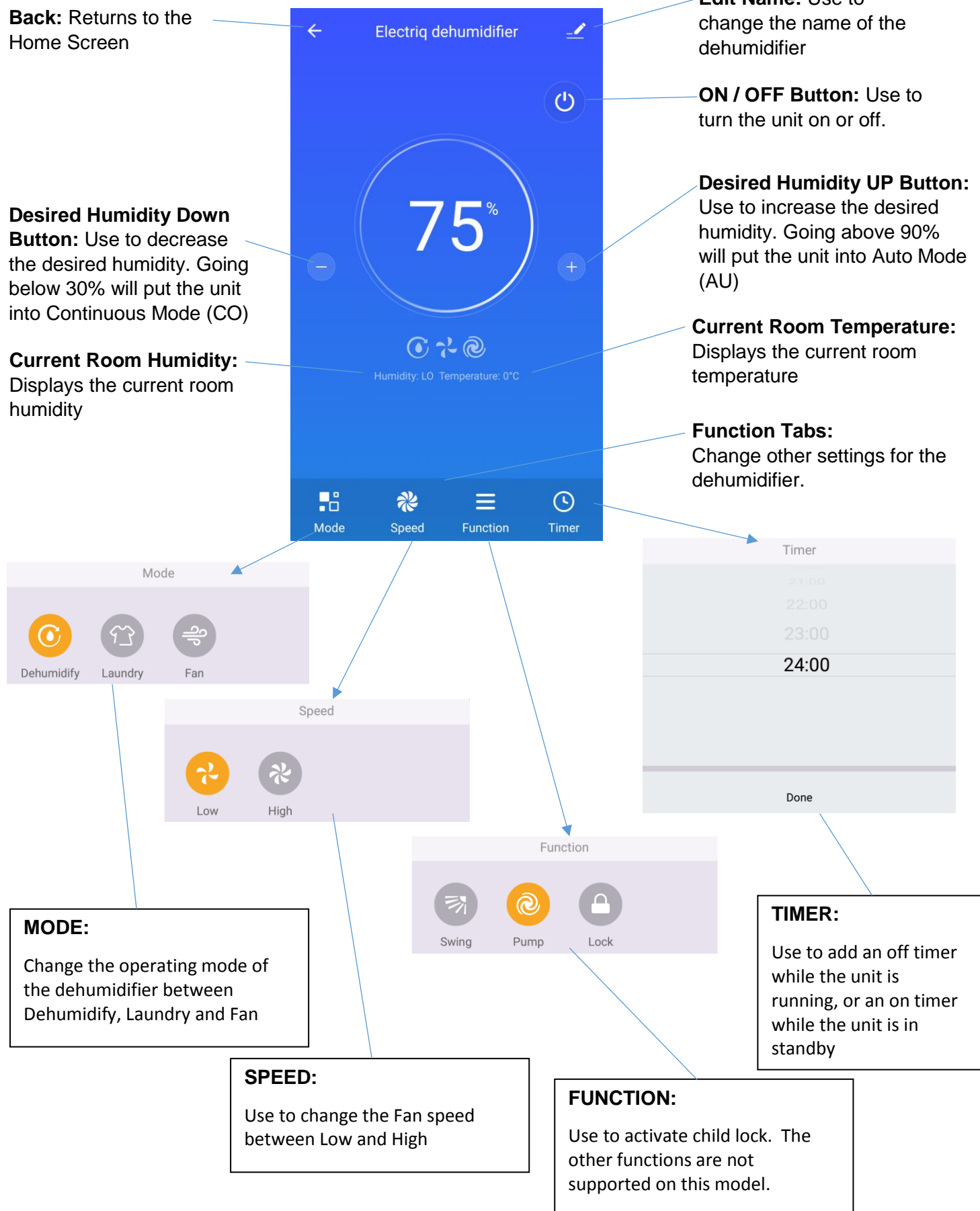
**Edit Name:** Use to change the name of the dehumidifier

**ON / OFF Button:** Use to turn the unit on or off.

**Desired Humidity UP Button:** Use to increase the desired humidity. Going above 90% will put the unit into Auto Mode (AU)

**Current Room Temperature:** Displays the current room temperature

**Function Tabs:** Change other settings for the dehumidifier.



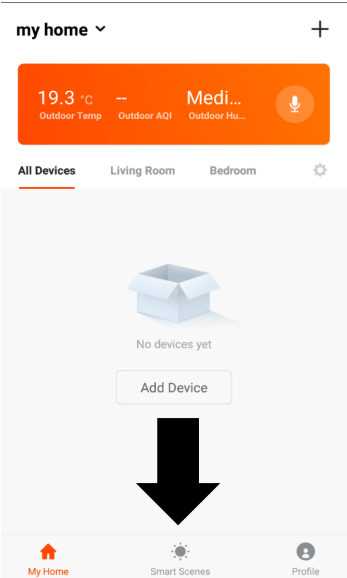
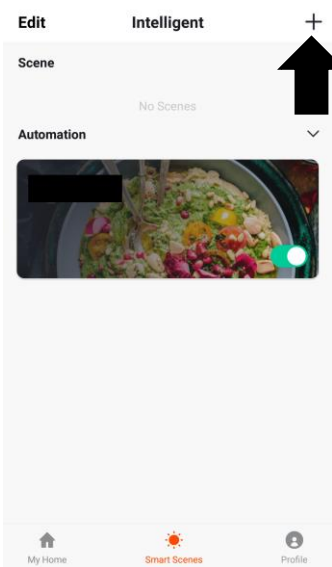
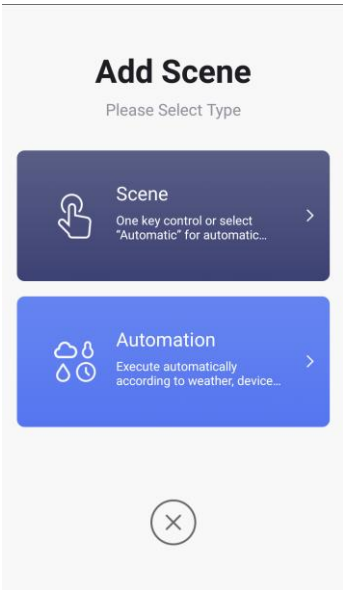
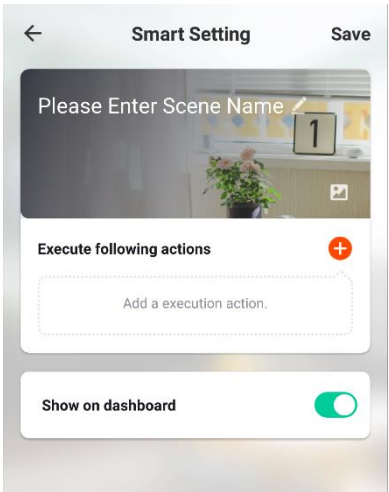
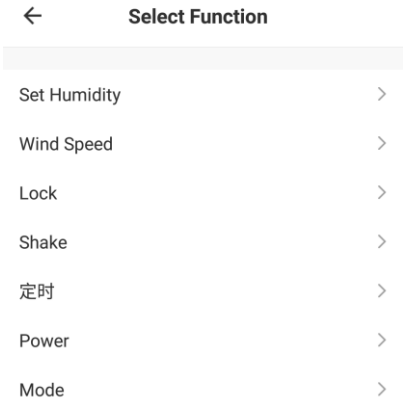
## SMART SCENES

Smart Scenes is a powerful tool providing the option to customise the operation of the dehumidifier 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

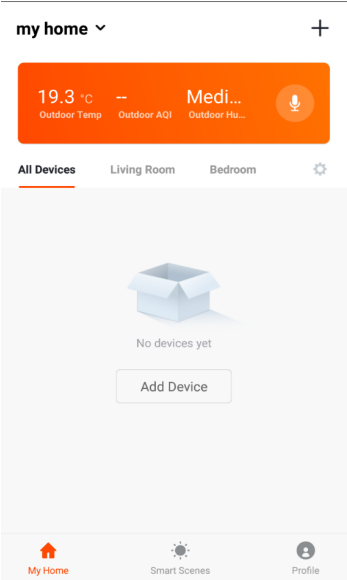
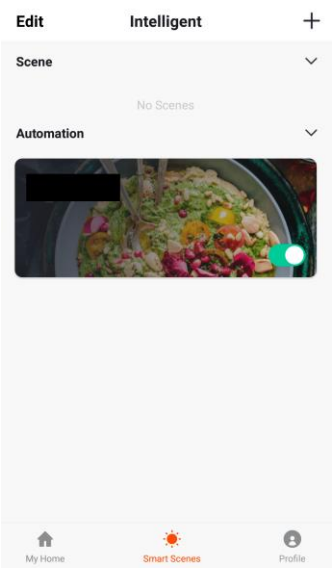
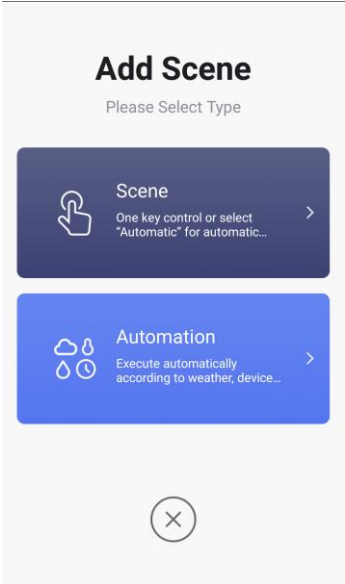
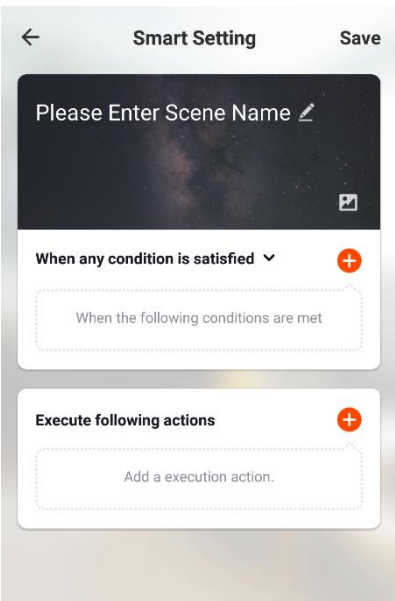
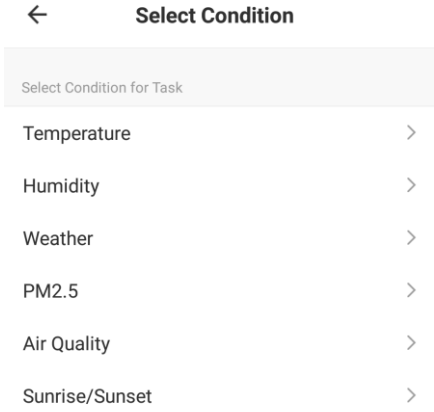
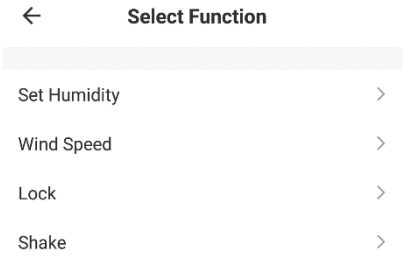
Scene allows for a one touch button to be added to the Home screen. The button can be used to change a number of settings in one go, and can change all the settings within the unit. A number of scenes can easily be setup, allowing the user to easily change between a number of preset configurations.

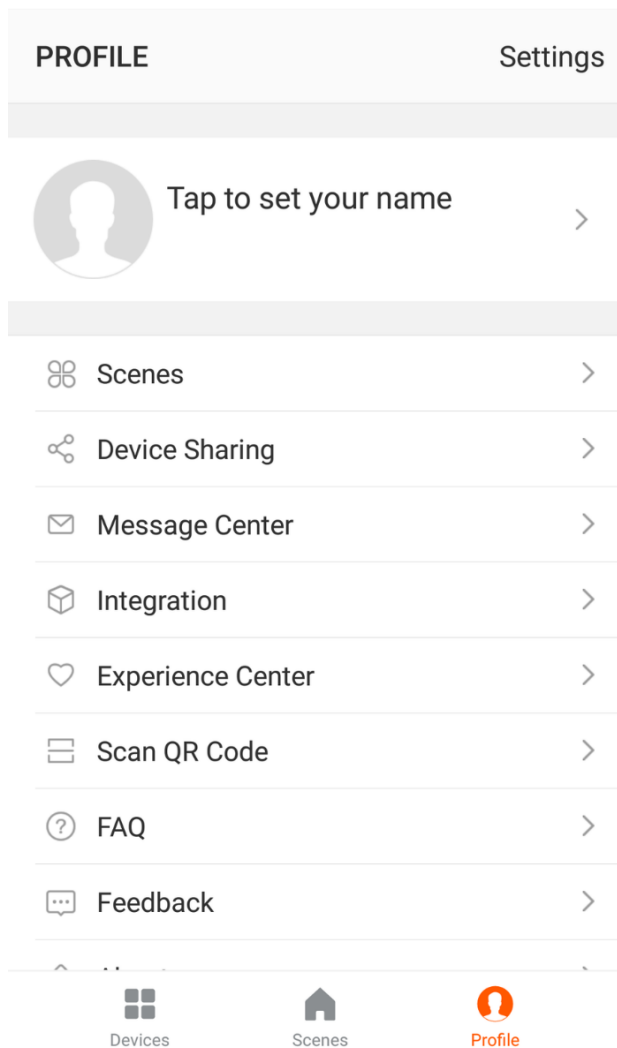
Below is an example of how to set up a scene:

<p>1. Press on the Smart Scene tab at the bottom of the Home screen</p> 	<p>2. Press on the Plus in the top right corner to add a smart scene.</p> 	<p>3. Select Scene to create a new Scene</p> 
	<p>4. 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 dehumidifier from the list of devices.</p>	<p>5. 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>6. Once all the functions required have been added, press the Save button in the top right corner to finalise and save your new Scene</p>		

## AUTOMATION

Automation allows an automatic action to be set up for the device. This can be triggered by the Time, indoor temperature, humidity of the room, weather conditions, and a range of other influences.

<p>1. Press on the Smart Scene tab at the bottom of the Home screen</p> 	<p>2. Press on the Plus in the top right corner to add a smart scene.</p> 	<p>3. Select Automation to create a new Automation Scene</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 dehumidifier 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 finalise 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 image shown on step 2.</p>



## PROFILE TAB

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

### CHANGING THE NAME OF YOUR DEVICE

When in any of the device screens further settings for the device can be accessed, by pressing on the three dots in the top right hand corner. The top option within this allows you to change the name of the device to something relevant to the use of the product, such as “Living Room Dehumidifier”. Within the menu, you also have the option of setting up a pattern lock or change your password.

### DEVICE SHARING

This allows you to share access to the controls of your dehumidifier with friends and family.

### INTEGRATION

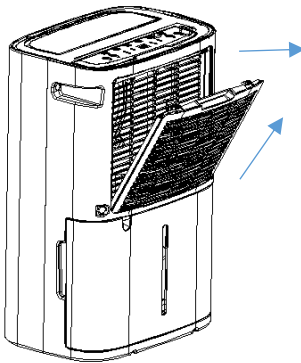
This allows the unit to be integrated with your favourite home automation hardware such as Google Home and the Amazon Echo.

## CONNECTION TROUBLESHOOTING

1. Check whether the device is powered on and is in the correct standby mode, if not please refer to the CHANGING BETWEEN CONNECTION MODES section on page 12.
2. Ensure the wifi password has been entered into the app correctly (Case sensitive)
3. Check that the phone is connected to the wifi you are connecting the device to.
4. 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.
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.

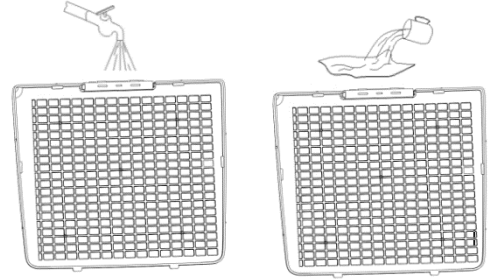
## CARE AND MAINTENANCE

Always shut off the unit and unplug from the mains before cleaning or performing any maintenance. When it is not in use for long periods it is advisable to remove the plug from the power socket. Do not use chemical solvents (such as benzene, alcohol or gasoline) as they may cause irreversible damage to the unit.



### 1. CLEAN THE GRILLE AND CASE

Use water and a mild detergent to clean the washable mesh filters. Do not use bleach or abrasives. Do not splash water directly onto the main unit. Doing so may cause an electrical shock and can lead to the insulation to deteriorate, or cause the unit to rust. The air intake and outlet grilles get soiled easily, so use a vacuum attachment or soft brush to clean. Wipe the dehumidifier body with a soft damp cloth or kitchen towel.



Remove the ABS filter frame. If the mesh filter is dirty, Hoover it. If it is heavily soiled wash it with warm soapy water and dry thoroughly before reinserting it in the unit.

When filter cleaning is finished and filters are dry placed them back into the unit.

**NOTE:** Never run the unit without the mesh filter frame correctly inserted.

### 2. CLEAN THE WATER TANK

Every few weeks, clean the tank to prevent growth of mould, mildew and bacteria. Partially fill the tank with clean water and add a little mild detergent. Swish it around and then empty the tank and rinse.

**NOTE:** Do not use a dishwasher to clean the tank. After cleaning and drying, the tank must be reinserted securely into dehumidifier in order to restart operation.

### END OF SEASON MAINTENANCE

1. Empty and clean the water tank.
2. Clean the unit and the filters as per cleaning procedure above.
3. Coil the power cord on the special cord storage rest at the back of the unit
4. Cover the unit and keep it in a dry place.



## FREQUENTLY ASKED QUESTIONS

### Why doesn't the dehumidifier seem to extract much water if the temperature is low?

This is a compressor dehumidifier which works best in temperatures above 15°C. If the temperature is low and the air is dryer than the setting on the humidistat the unit will not extract water. If you want to use a dehumidifier for outside buildings, unheated properties, boats or garages please check our desiccant range.

### Why doesn't the unit work /or stops suddenly?

The water tank may be full or displaced. To rectify: empty the tank and carefully place the tank back in the unit. Also the unit may be running in dehumidifying mode with a low room temperature. Please check if the room temperature is lower than 5°C. If so, the unit will stop working while in dehumidifying mode. (unit may be defrosting).

The ambient operating range is between 5°C and 35°C with a relative humidity ranging from 30% to 80%. For maximum efficiency use the unit between 15°C and 32°C.

### Sometimes cold and/or hot air comes out from the air outlet grill, why?

When the unit is in dehumidifying mode it absorbs humid air from room and freezes it to reduce the humidity.

During the cold cycle there should be cold air coming out of the unit

During the hot cycle hot dry air should be coming out of the outlet grill.

## TROUBLESHOOTING

Issue	Cause	Solution
Hot or cold air being produced	Normal Operation	When the unit is in dehumidifying mode it absorbs humid air from room and freezes it to reduce the humidity. During the cold cycle there should be cold air coming out of the unit During the defrost cycle hot dry air should be coming out of the outlet grill.
Unit does not operate	Is the plug properly inserted in the socket?	Insert the plug into the socket and turn the switch on.
	Does the tank full indicator is red?	Tank full, float displaced or tank not properly inserted. Empty tank, check float and make sure tank is properly inserted in unit.
Front louvres do not open	Louvre motor is blocked	Check if anything is blocking the louvre Try to move gently the louvres up and down while the unit is off If the above fails return the unit to service centre
Dehumidifier does not extract water	Is the unit set to a humidity level lower than the one in the room?	Set the humidity level on the humidistat below current humidity reading.
	Is the temperature too low for water extraction to be efficient?	Increase temperature in the room or reposition the unit.
	Is any intake grill or discharge blocked? Is the unit too close to walls.	Remove obstructions and restart the unit. Ensure a distance of at least 20 [cm between the unit & walls
Airflow seems weak	Is filter dirty or clogged?	Please service the filters regularly as per user manual.
Unit is noisy during operation	Is the unit on an uneven surface?	Please place on flat horizontal surface.
	Is filter clogged?	Please service the filters regularly as per user manual.
E1 Error	Coil sensor error	Use the unit within the prescribed temperature range. Unplug the unit, rest and plug it back in. If error repeats, call for service centre.
Defrost light on and unit stops regularly	Unit is defrosting	Allow the unit to automatically defrost. The protection will clear after the unit self defrosts. Increase temperature in the room if this repeats too often
Tank full red light	Water tank full notification	Tank is full or is not in the right position-- Empty the tank and replace in the right position.
Any other malfunctions will need to be reported to electriQ service centre. Do not attempt unauthorised repairs as these may invalidate the warranty.		



## TECHNICAL DATA

Model	<b>PD45E-V2</b>
Voltage	1Ph, 220-240V ~ 50Hz
Dehumidifying capacity	40 L / day (at 30° C / 80%RH)
Fan Speeds	2
Power Consumption	600W
Running Amps	2.8 Amps
Tank Capacity	6 litres
Humidity settings range	30%~90%
Refrigerant	R290, 145 grams
Airflow m3/h	450
High / Low Pressure	2.6/1.0MPa
Max noise level dB(A)	56dB
Dimensions mm (WxDxH)	371x595x251
Weight kgs	17.5
GWP	3

**Disposal: Do not dispose this product as unsorted 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 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.



[www.electriQ.co.uk/support](http://www.electriQ.co.uk/support)

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

1. Has the unit been standing upright for at least 2 hours?
2. Is the unit plugged into the mains?
3. Is the fuse OK?
4. Switch the unit off and wait three minutes to see if the issue is resolved. Restart the unit.
5. Check if the water tank is full.
6. Was the troubleshooting guide followed?

If the unit still fails to operate call: 0871 620 1057 or complete the online form

Office hours: 9AM - 5PM Monday to Friday

Unit J6, Lowfields Business Park,  
Lowfields Way, Elland  
West Yorkshire, HX5 9DA