electriQ

USER MANUAL

EAP600HCUV-WIFI

Thank you for choosing electriQ
Please read this user manual before using this innovative
Air Purifier and keep it safe for future reference.

Visit our page www.electriQ.co.uk for our entire range of Intelligent Electricals

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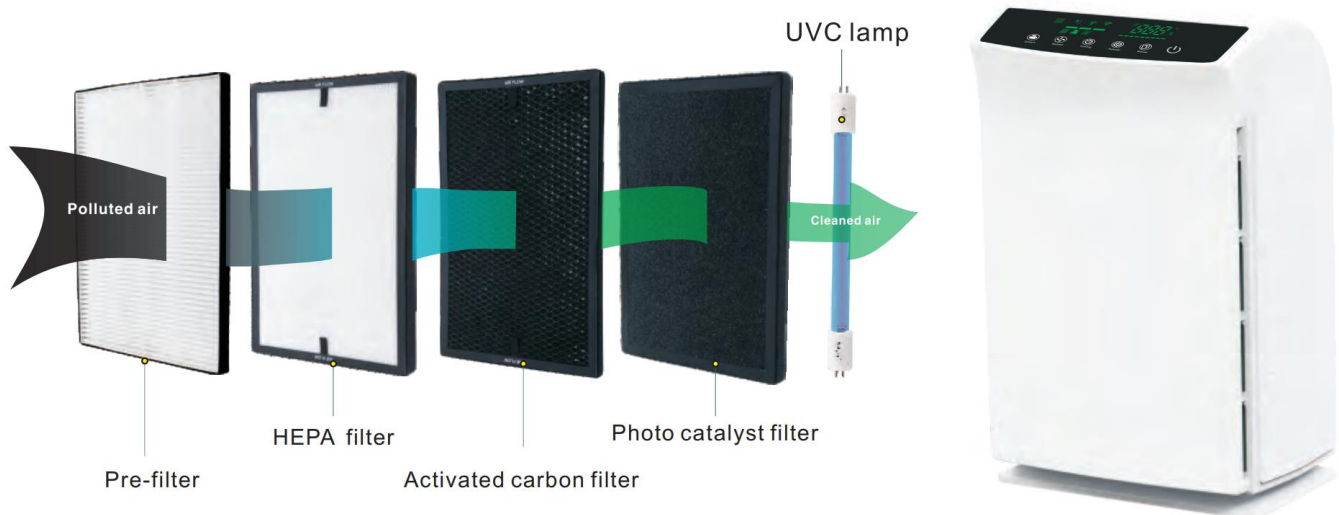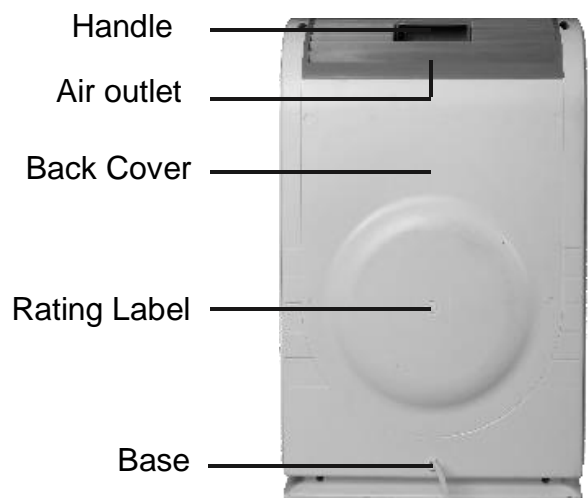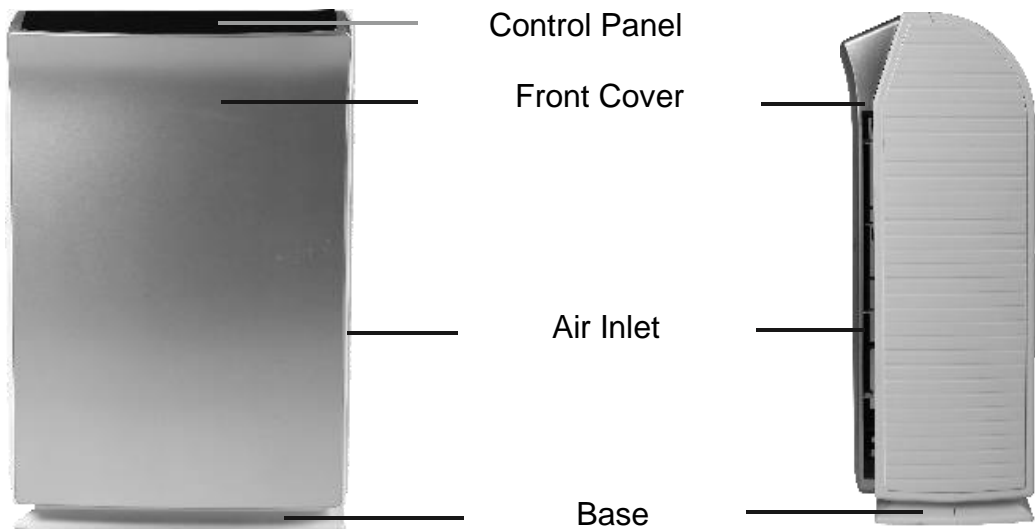# SAFETY INSTRUCTIONS

Important!

- Carefully read the instructions before operating the unit.
- This appliance is for indoor use only.
- This unit must only be connected to a 220-240V / 50Hz 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 air purifier has been tested and is safe to use. However, as with any electrical appliance – use it with care.
- Disconnect the air purifier from the socket when changing the filters or cleaning the unit.
- Avoid touching any moving parts within the appliance.
- Never insert fingers, pencils or any other objects through the guard.
- This device 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 device.
- Do not clean the unit by spraying it or immersing it in water. Use a damp cloth only. Never allow water or vapours to enter the unit.
- Do not clean with strong chemical agents or other abrasive materials.
- 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 or power supply are damaged. Ensure the power cord is not stretched or exposed to sharp objects/edges.
- A damaged power supply should be replaced by the manufacturer. Never extend or attempt to change the power supply lead.
- Any service other than regular cleaning or filter replacement should be performed by an authorised service representative. Failure to comply could result in a voided warranty.
- Do not use the appliance for any purpose other than its intended use.
- Avoid removing the power cord from the socket whilst the unit is still in operation. This could cause electrical damage.

- Never use the power supply as a switch to start and turn off the air purifier. Use the provided ON/OFF button located on the control panel.
- Always place the unit on a dry and stable surface.
- The use of accessory attachments that have not been approved by the appliance manufacturer is not recommended, as this may result in fire, cause an electric shock and/or cause personal injury.
- Ensure hands are fully dried before plugging or unplugging the appliance.
- The appliance should not be installed in laundry or wet rooms.

Energy Saving and Unit Safety Protection Tips

- Do not cover or restrict the airflow from the outlet or inlet grills.
- For maximum performance and safety the minimum distance from a wall or objects should be 30cm. Keep away from other electrical appliances.
- Keep the filters clean. Under normal conditions, filters should only need cleaning once every two weeks (approximately). Since the filters remove airborne particles, more frequent cleaning may be necessary, depending on the air quality.

AIR PURIFIER DIAGRAM

Control Panel

Front Cover

Air Inlet

Base

Handle

Air outlet

Back Cover

Rating Label

Base

Polluted air

Cleaned air

UVC lamp

Pre-filter

HEPA filter

Activated carbon filter

Photo catalyst filter

ABOUT YOUR AIR PURIFIER

The **EAP600HCUV-WIFI** provides multiple stages of air purification using professional air filtration and intelligent sterilisation technologies. This unit features advanced HEPA and photocatalytic and activated carbon filters for improved air filtration.

- Primary filter, made of non-woven materials, are used for removing large particles like hair and dust.
- Antibacterial HEPA filter to remove 99.9% of airborne particles of 0.25 micrometres or larger.
- Activated carbon filter removes unpleasant odours and absorbs harmful substances such as formaldehydes and benzenes.
- Molecular sieve absorption layer removes smaller particles
- Photocatalytic filter using titanium dioxide (TiO2) to further decompose pollutants.
- UVC lamp removes airborne bacteria and viruses.
- Plasma Ioniser sterilises the air further and removes mould spores and allergens from the air.

The EAP600HCUV-WIFI also features an air quality indicator bar that will provide a visual indication of the current air quality.

In addition the appliance can be connected to your home network, allowing settings to be changed and the device to be monitored through your smartphone from anywhere in the world. The app also provides the ability to program the air purifier for even smarter operation.

Applications:

- Personal use in domestic and office space to improve air quality
- Helps smokers to reduce contaminants within the air
- Can help improve the symptoms of asthma and pollen allergies.
- Great for children's rooms and small offices

NOTE: This air purifier is not a substitute for proper ventilation, regular vacuum cleaning or for use in place of a cooker hood whilst cooking. If the relative humidity is above 60% we recommend using a dehumidifier to reduce the humidity.

INFORMATION ON INDOOR POLLUTANTS

VOC (Volatile Organic Compound): VOCs come from motor vehicle exhausts, gasoline vapour, pollutants such as formaldehyde, ammonia and many other common and chemical solvents such as paints and glues, or can be a by-product of mould growth. VOCs cause irritation to the eyes and or nose as well as causing headaches, nausea and even potential damage to the central nervous system. Pressed wood furniture, newly decorated rooms, paint and cleaning solvents are common sources of VOCs.

Mould / Fungus: These can affect our respiratory system and cause allergic reactions, like a runny nose, eye and throat irritation, headaches, fatigue and aggravation of asthma.

Other indoor pollutants include bacteria, viruses, dust mites and pollen.

Emissions from electronic office equipment: Many studies, including those from EPA and the University of California Berkley, have reported that emissions from office equipment such as computers and printers, include VOCs, ultra-fine particles and ozone. These emissions have been proven to have a negative effect on the health of many people which can be reduced by using an air purifier.

Using HEPA filters, Activated Carbon filters and Plasma Ionisation: An effective HEPA filter is absolutely necessary to remove particles, even at a microscopic level; it ensures that the particles are not spread. Plasma Ionisers will sterilise the air and reduce bacterial growth.

The antibacterial activated carbon on the EAP600HCUV is a natural material biosynthesized from walnut shell, the absorption area of activated carbon is very large at up to 300,000 square meters. The activated carbon filter will absorb unpleasant odours and reduce the VOC content in the air.

The Plasma Ioniser will sterilise the air and reduce bacterial growth.

OPERATION INSTRUCTIONS

USING THE TOUCH CONTROLS

- The controls respond to touch, so you don't need to apply any pressure.
- Use the ball of your finger, not its tip.
- Make sure the controls are always clean, dry, and that there is no objects covering them.
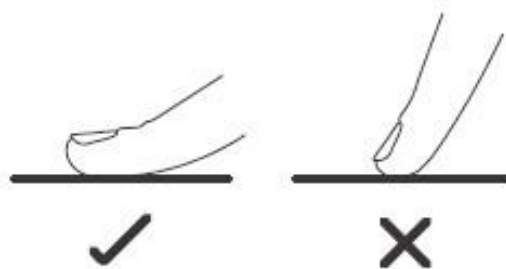
BEFORE FIRST USE:

1) Unpack the appliance and remove the filter cover from the front of the unit by pulling both sides of the cover at the top and then lifting away from the base.

2) Remove the filters from the plastic protective packaging

3) Install the activated Carbon and Photo Catalyst filter into the front of the unit.

4) Install the HEPA filter into the front of the unit.
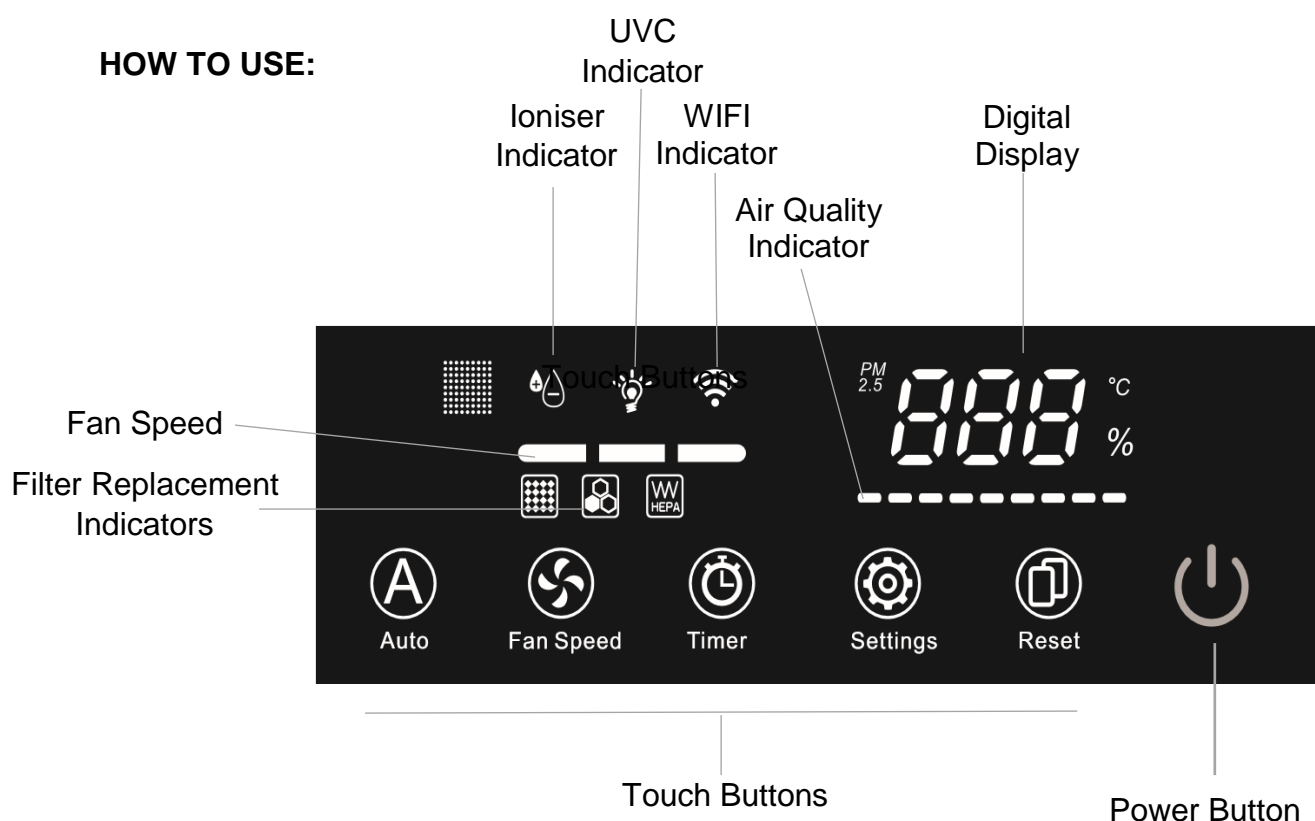

5) Install the pre filter into the front of the unit.

6) Replace the filter cover on the side of the appliance, ensuring it clicks into place.
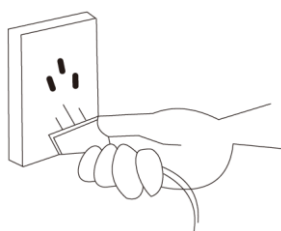
7) Connect the plug to an earthed socket

HOW TO USE:

UVC
Indicator

Ioniser
Indicator

WIFI
Indicator

Digital
Display

Air Quality
Indicator

Fan Speed

Filter Replacement
Indicators

Touch Buttons

PM
2.5

°C

%

Auto   Fan Speed   Timer   Settings   Reset

Touch Buttons

Power Button

POWER	Press to turn the appliance on and off.
SETTINGS BUTTON	Allows the Ioniser and UVC functions to be turned on and off. When activated the relevant indicator will be displayed on the control panel.
FAN SPEED BUTTON	Press to change between the three fan speeds. The current fan speed will be indicated by the length of the fan speed bar.
TIMER BUTTON	With the unit turned on, Press and hold the timer button to activate the timer. Repeatedly press the timer button to select in how many hours it should turn off. The duration can be set between 1 and 12 hours in 1 hour increments. To turn off the timer, press and hold the timer button again.
RESET	Press when the filter replacement lights are illuminated to reset the counter for the filter life monitor after changing the filter.

AUTO BUTTON	Press to activate auto mode, the fan speed will be automatically adjusted based on the air quality. Please note: • The features (Ioniser and UV Light) cannot be used in auto mode. • After selecting Auto mode the unit will take approx. 3 minutes to monitor the air before the mode becomes active.
AIR QUALITY DISPLAY	The unit utilises a PM2.5 sensor to measure the air quality. When turning on the unit will take around 90 seconds before showing the air quality on the screen.
FILTER REPLACEMENT INDICATORS	The display will show when the filters require replacement. Replace the filters then press the Reset button to reset the filter life monitor
ADJUSTMENT OF THE PM 2.5 READING	If the reading for the air quality is abnormal, this may be caused by particles attached to the sensor. To correct the reading press and hold the Settings button until a bleep is heard. Then use the Auto and Settings buttons as Up and Down to adjust the value.

DIGITAL DISPLAY

During use the display panel will automatically cycle through showing the Temperature, Humidity, Timer Duration and Air quality (PM) figures.

TEMPERATURE

HUMIDITY

TIMER DURATION

AIR QUALITY

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**

CONNECTION METHODS AVAILABLE FOR SETUP

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

Before starting the setup, with the air purifier plugged in and in standby mode, press and hold the power button for 5 seconds (until you hear a bleep) to enter the WIFI connection mode.

Please ensure your device is in the correct WIFI connection mode for the connection type you are attempting, the flashing of the WIFI light on your air purifier will indicate this.

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

CHANGING BETWEEN CONNECTION TYPES

To change the unit between the two WIFI connection modes, press and hold the Power button for 5 seconds.
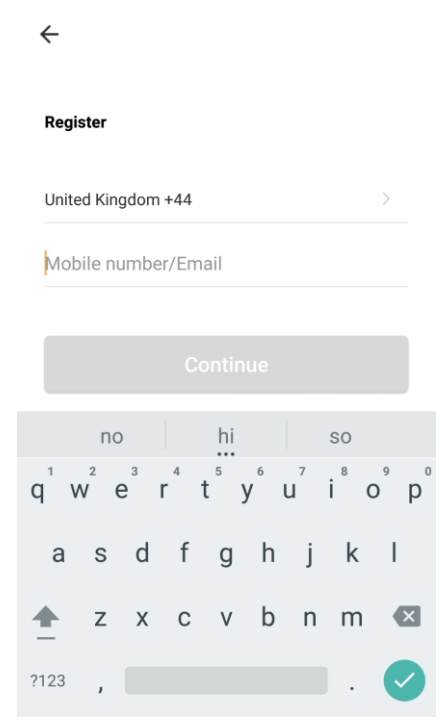
REGISTER THE APP

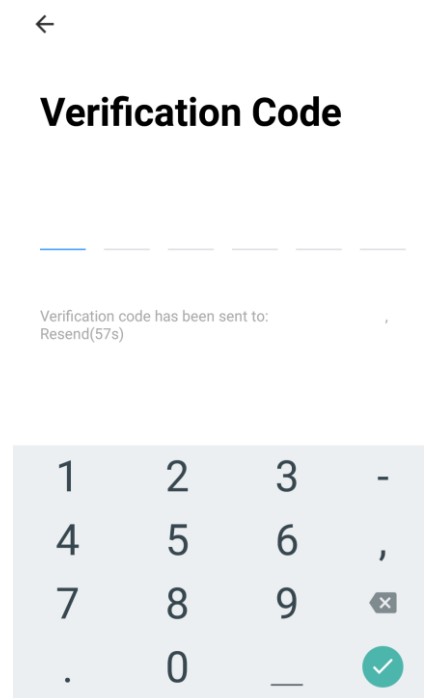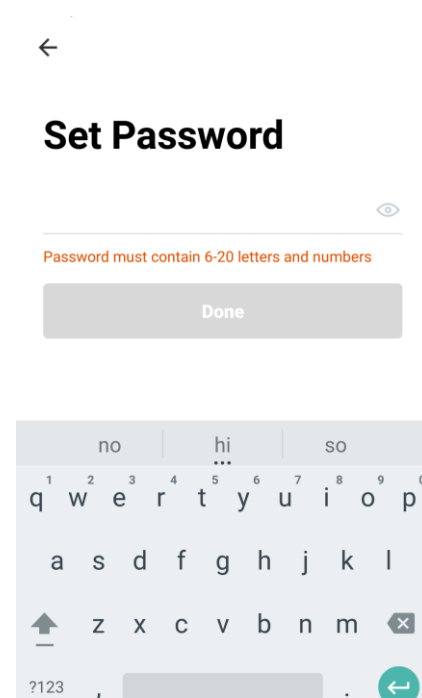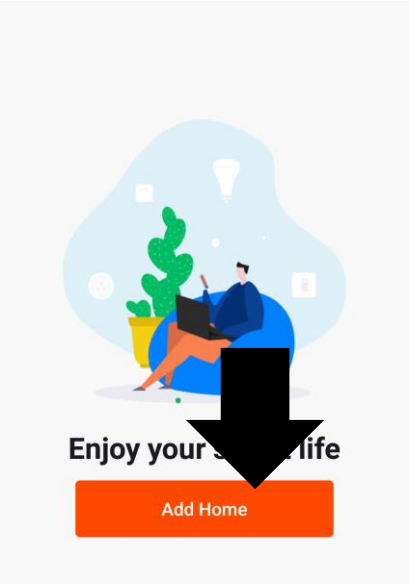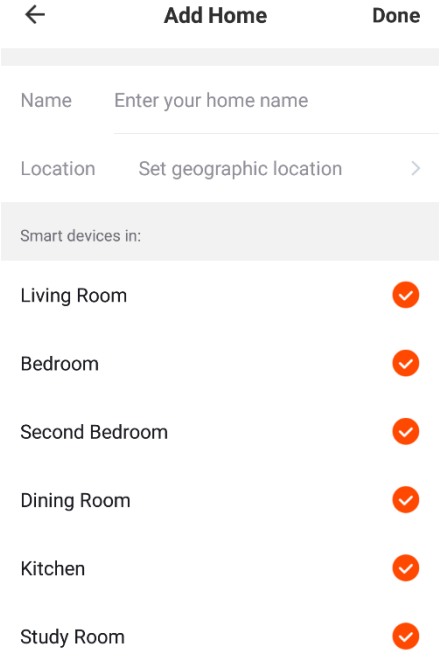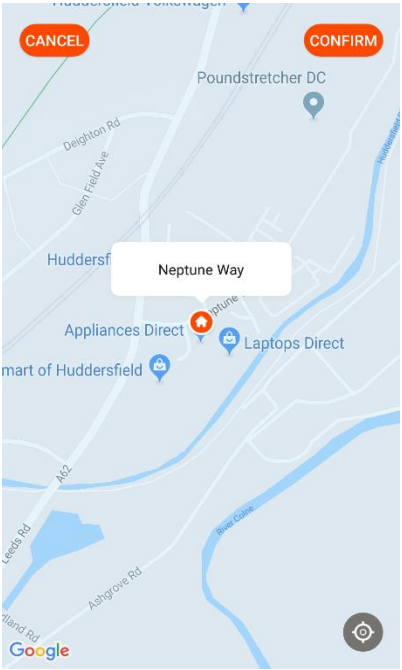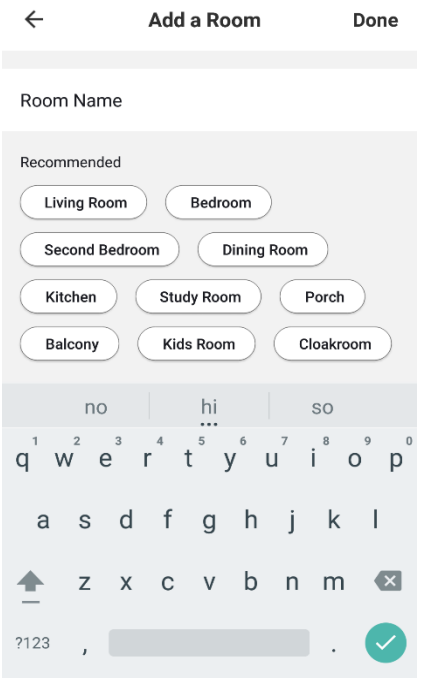| 1. Press on the register button at the bottom of the screen.	2. Read the Privacy policy and press the Agree Button.	3. Enter your email address or phone number and press continue to register.
4. A verification code will be sent by the method selected in step 3. Enter the code into the app.	5. Type 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.
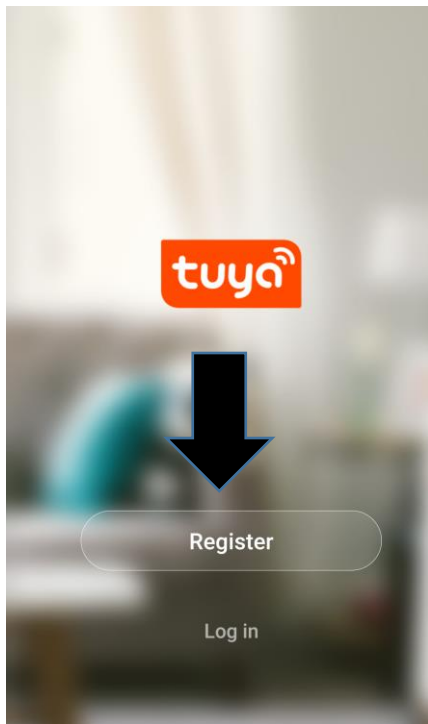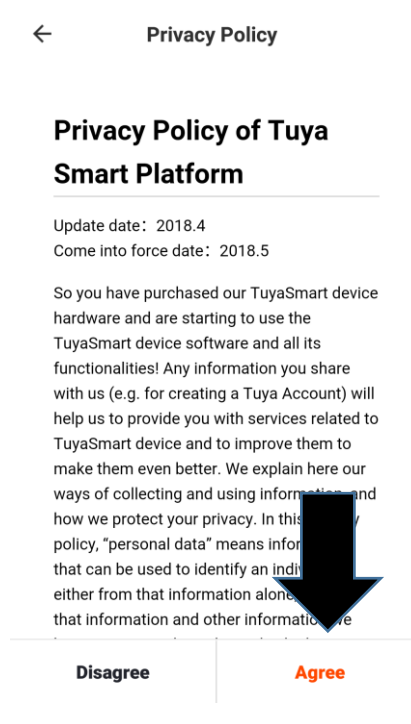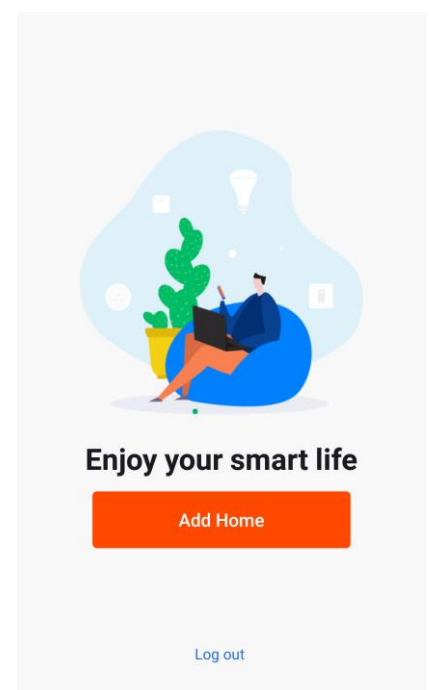
SETTING UP YOUR HOME WITHIN THE APP

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

CREATING ROOMS

| 1. Press on the ADD HOME button.

Enjoy your smart life
Add Home | 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. | ← **Add Home** Done

Name   Enter your home name

Location   Set geographic location >

Smart devices in:

Living Room ✓

Bedroom ✓

Second Bedroom ✓

Dining Room ✓

Kitchen ✓

Study Room ✓ |

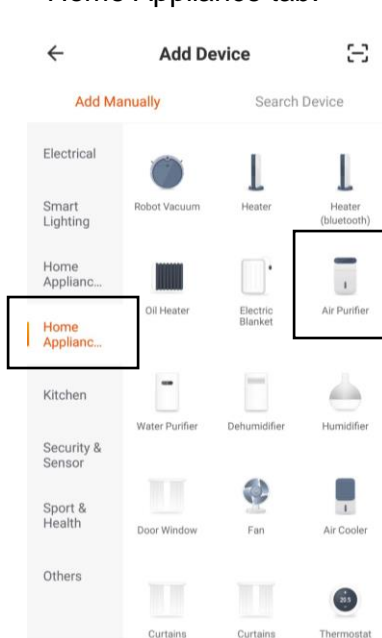| **SETTING YOUR LOCATION**

Use your finger to move the orange HOME symbol.

When the symbol is in the approximate location of your home, press the confirm button in the top right corner. | **ADD ANOTHER ROOM**

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

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)
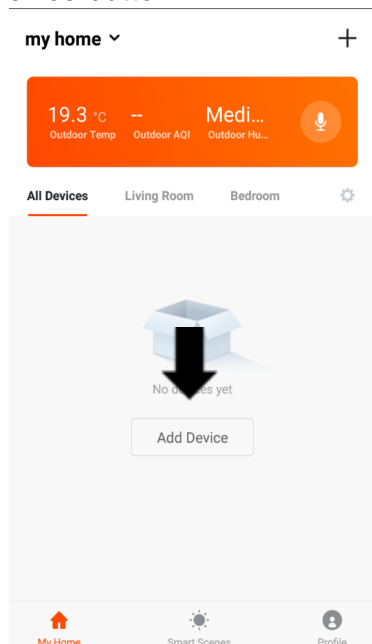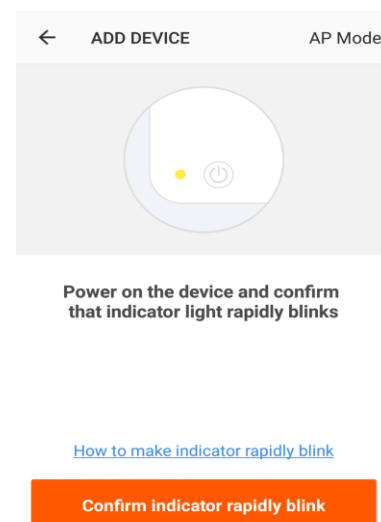
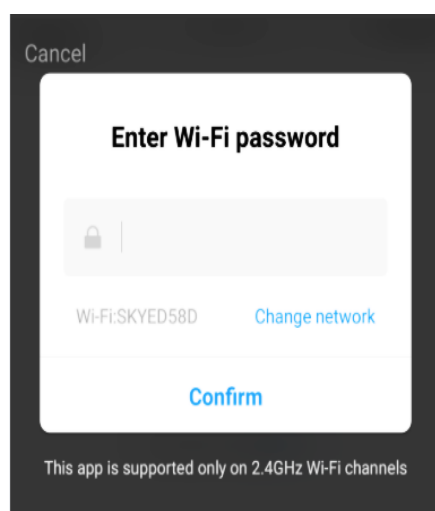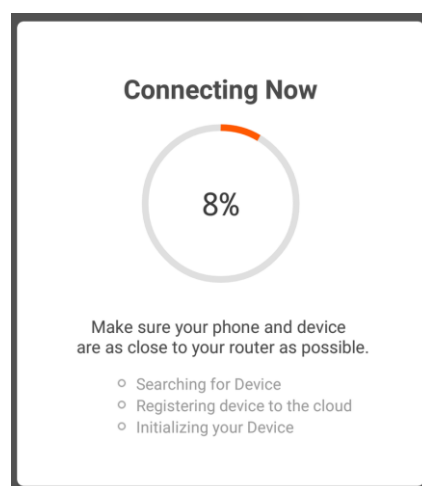|		
1. Open app and press "+" to add device, or use the add device button	2. Select the type of device as "Air Purifier" within the Home Appliance tab.	3. Ensure the WIFI light on the air purifier is flashing twice per second, then press on the orange button at the bottom of the screen to confirm.

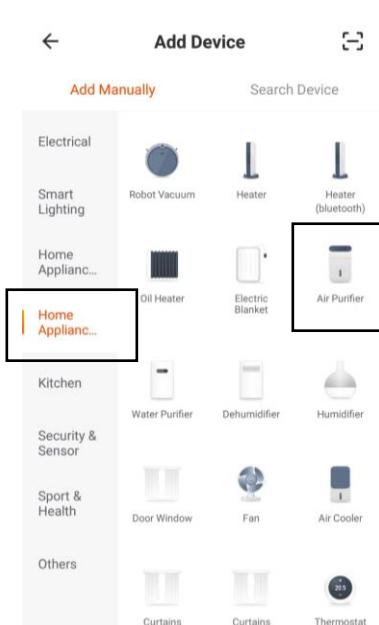|	
4. Enter your WIFI password and press confirm.	5. This will then transfer the settings to the air purifier. Wait for this to complete. If this fails, retry. If still unsuccessful please review the troubleshooting section for further help.

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 WIFI connection mode. Also ensure your phone is connected to the WIFI network. (We advise turning mobile data off during setup)
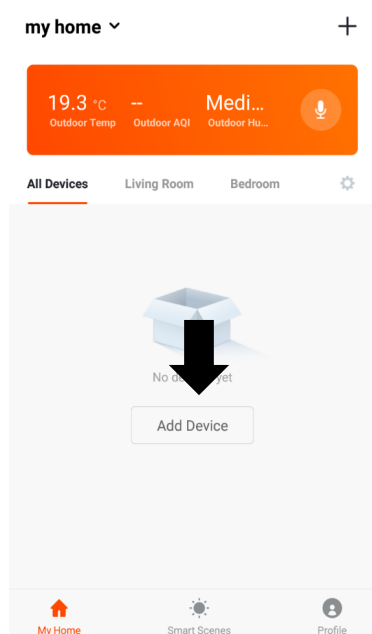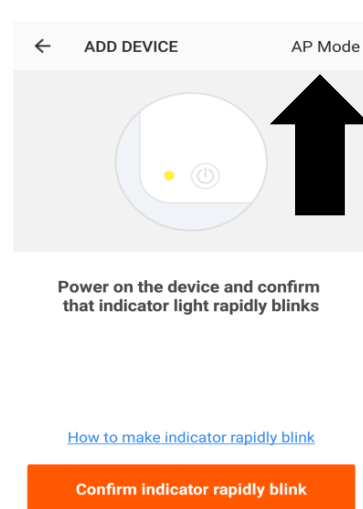
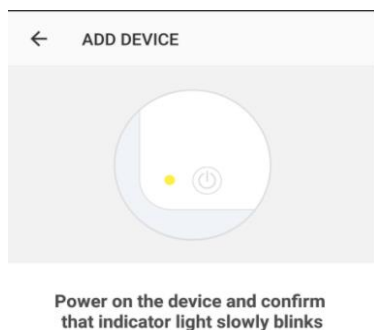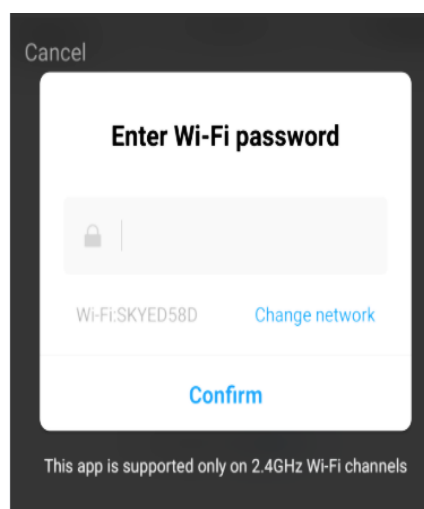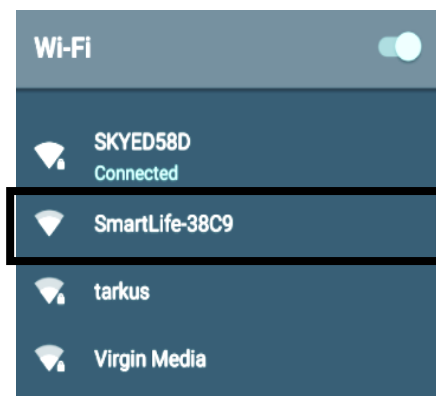|		
1. Open app and press "+" to add device, or use the add device button	2. Select the type of device as "Air Purifier" within the Home Appliance tab.	3. Press on the AP mode button in the top right of the screen.
4. Ensure the WIFI light on the air purifier is slowly flashing (once per three seconds), then press on the orange button at the bottom of the screen to confirm	5. Enter your WIFI password and press confirm.	6. Go to network settings in your phone and connect to the "SmartLife xxx" connection. There is no password to enter. Then return back to the app to complete setup.
This will then transfer the settings to the air purifier. Once the connection process has completed, go back to the network settings on your phone to ensure your phone has reconnected to your WIFI router.		

# CONTROLLING YOUR APPLIANCE THROUGH THE APP

THE HOME SCREEN

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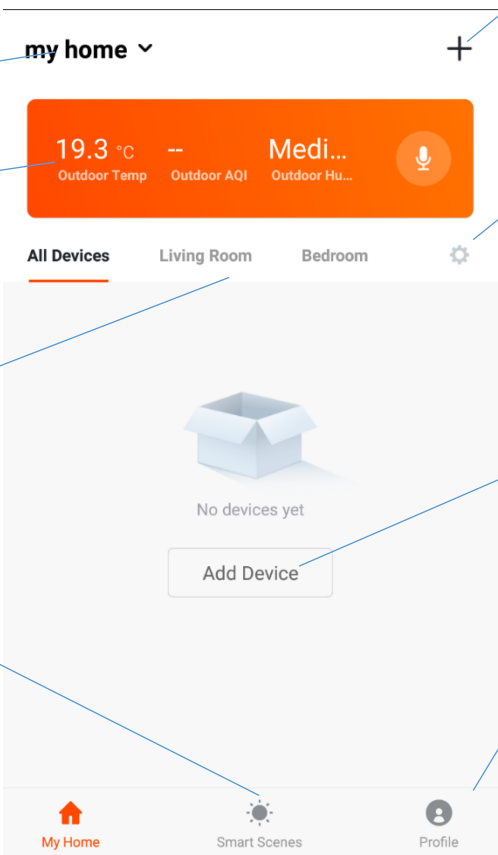
**Add Device:** Add a device to the app, and go through the setup process.

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.

my home ∨   +

19.3 °C   --   Medi...
Outdoor Temp Outdoor AQI Outdoor Hu...

All Devices   Living Room   Bedroom   ⚙

No devices yet

Add Device

🏠 My Home   ☀ Smart Scenes   👤 Profile

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

All Devices   -Light   -Plug   -Camera   ⚙

Electriq
Turned on   ⏻
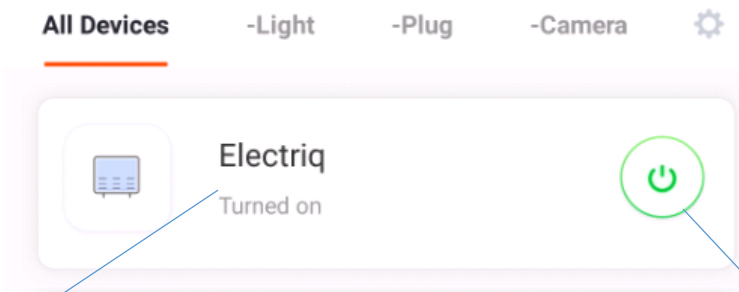
Name of Air Purifier: Press to enter the Device Screen

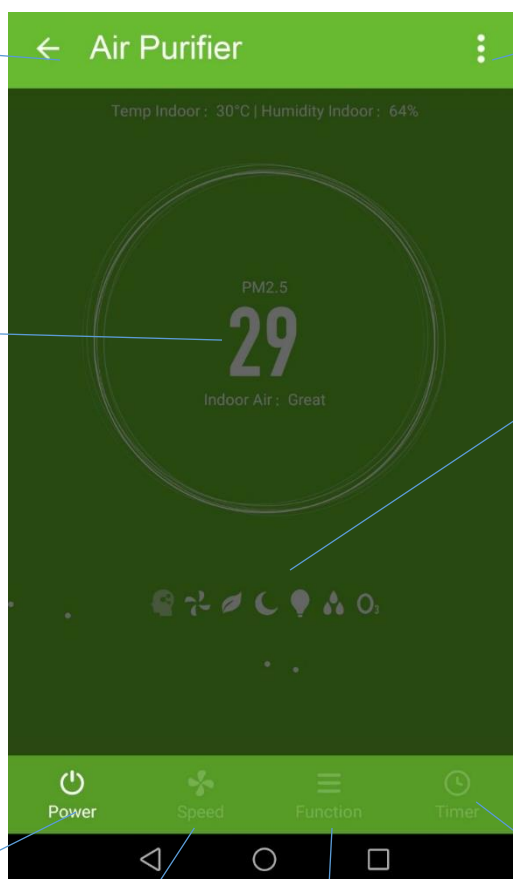**POWER Button:** Use to quickly turn the unit on or off.

DEVICE SCREEN

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

Back: Returns to the Home Screen

Edit Name: Use to change the name of the air purifier.

Current Air Quality: Displays the current PM 2.5 air quality reading and a description of the air quality.

Functions / Settings:

Displays the features currently active

Power Button: Use to turn the unit on or off.

SPEED:

Use to change the Fan speed between Low, Medium and High

FUNCTION / SETTINGS:

Use to activate the Ioniser and UV Light.

TIMER:

Use to add an off timer while the unit is running, or an on timer while the unit is turned off

NOTES:

- Due to continuous development of the app, the layout and available features may be subject to change.
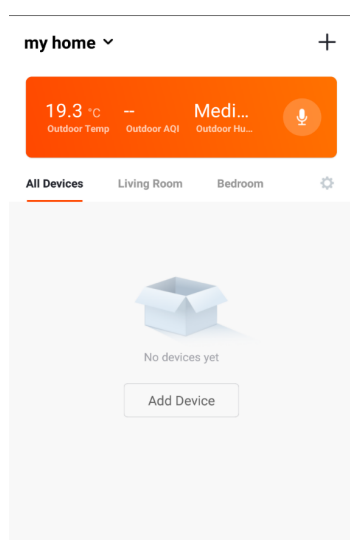
SMART SCENES

Smart Scenes is a powerful tool providing the option to customise the operation of the air purifier 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.
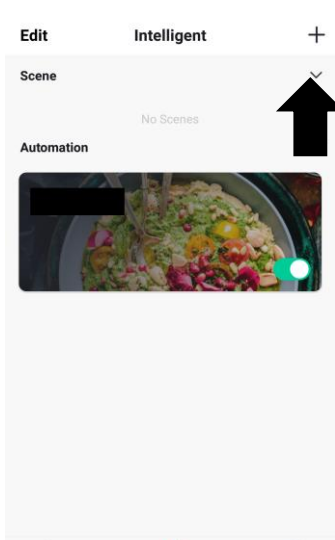
SCENE

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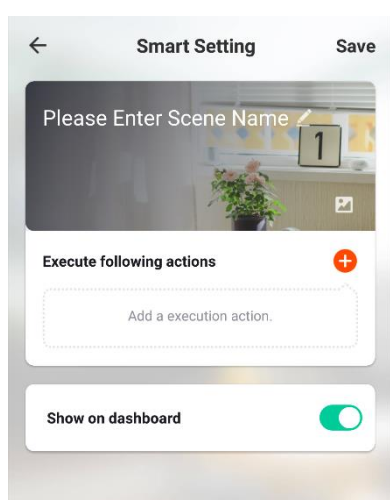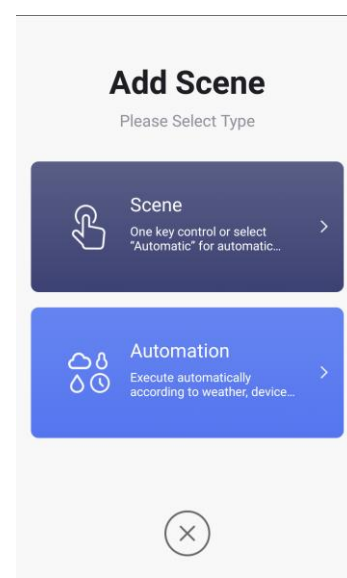
Below is an example of how to set up a scene:

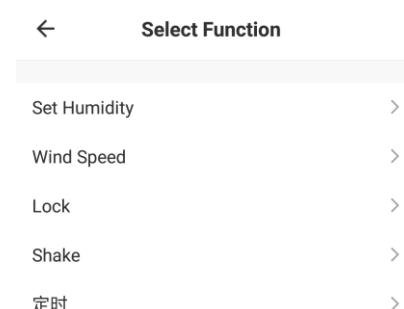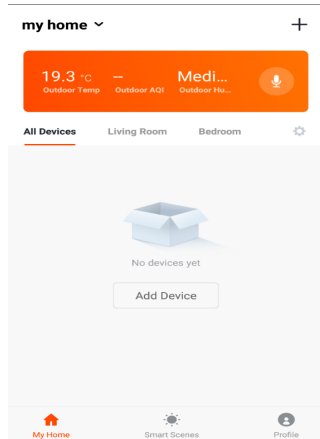|		
1. Press on the Smart Scene tab at the bottom of the Home screen	2. Press on the Plus in the top right corner to add a smart scene.	3. Select Scene to create a new Scene
	4. Press the Pen next to "Please Enter Scene Name" to input the name for your Scene Show on Dashboard: Leave this on if you require the scene to be displayed as a button on the Home Screen Press the Red Plus to add the action required. Then select the air purifier from the list of devices.	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.

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
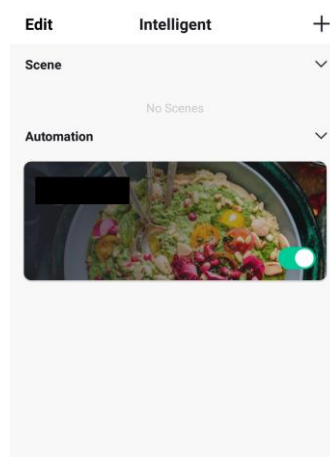
AUTOMATION

Automation allows an automatic action to be set up for the device. This can be triggered by the Time, air quality of the room, weather conditions, and a range of other influences.
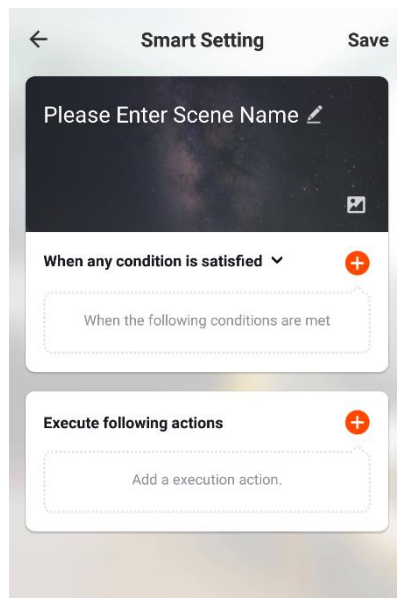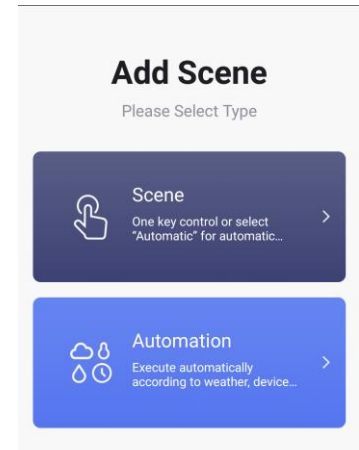
| 1. Press on the Smart Scene tab at the bottom of the Home screen	2. Press on the Plus in the top right corner to add a smart scene.	3. Select Automation to create a new Automation Scene

	4. Setup is very similar to the scene setup on the previous page, and includes an extra section for specifying a trigger for the scene to start. Press the Pen next to "Please Enter Scene Name" to input the name for your Scene Press the Red Plus next to "When any condition is satisfied" to add the trigger Press the Red Plus next to "Execute following actions" to add the action required. Then select the air purifier from the list of devices.	5. Select the condition when the automation should start. A number of triggers can be combined.
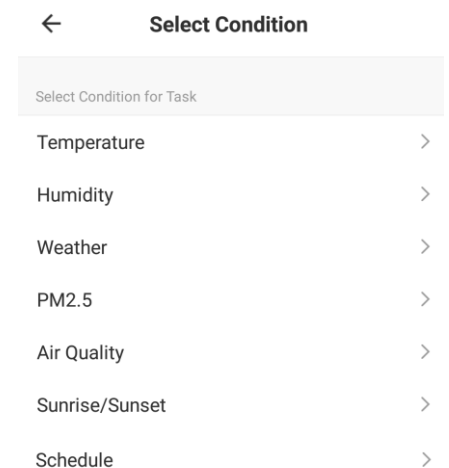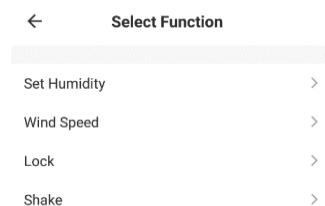
6. Chose the function, set the value for the function, and then press the back button in the top right corner, to return to the previous screen.	7. Once all the functions required have been added, press the Save button in the top right corner to finalise and save your new scene. The automation is now set up, it can be turned on and off using the toggle on the image shown on step 2.

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

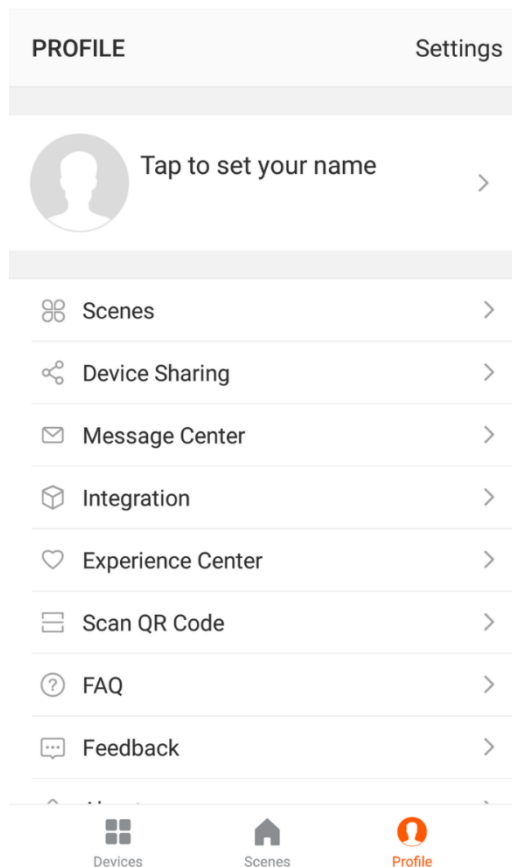When in any of the device screens further settings for the device can be accessed, by pressing on the three dots in the top right hand corner. The top option within this allows you to change the name of the device to something relevant to the use of the product, such as "Living Room Air Purifier". Within 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 air purifier 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 WIFI connection mode, if not please refer to the CHANGING BETWEEN CONNECTION MODES section.
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 the unit 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.
- Do not assemble the unit and power it on before all the parts are completely dry. Any other maintenance than what is described in this user manual must be only performed by the service centre.

CHANGING THE FILTER

Open the filter covers by pulling the top of the filter cover and lift off the appliance. Remove the old filters by simply pulling on the tabs to release them. Replace the filters with new ones before replacing the filter cover. Press the reset button to reset the filter timer once it has been replaced.

CLEANING THE CASE

- Only use tepid water and a mild detergent on a soft cloth.
- Do not use bleach or abrasives.
- Do not splash water directly onto the main unit.
- Avoid wetting the power connection port, doing so may cause an electric shock and can lead to the insulation deteriorating or unit to rust.

CLEANING THE FILTERS AND FILTER HOLDING AREA

- Hoover the filter gently every 2-3 weeks or more often if used in dusty environments.
- Ensure the filter is not damaged during the cleaning process and replace if it shows signs of damage.
- Wipe the filter holding area with a dry cloth if necessary.

CLEANING THE FILTER COVER AND CLEAN AIR OUTLET

- Use water and a mild detergent.
- Do not use bleach or abrasives.
- Do not spray water inside the unit.
- If the clean air outlet grilles get soiled easily, use a vacuum attachment or soft brush to clean.
- If the filter cover is dirty, hoover it. If it is heavily soiled, wash it with warm soapy water and dry thoroughly before reinserting it in the unit.

TECHNICAL SPECIFICATION

Input power	220-240 / 50Hz
Power Rating	72W
Weight	8.7Kg
Dimensions	370 x 265 x 570mm
Fan speeds	Low / Medium / High
Airflow	560 m^3/h

	Approx. Lifetime
HEPA Filter	12 Months
Activated carbon and photo catalyst	6 Months
Pre Filter	6 Months
6W UV Lamp (254nm)	8000 Hours

TROUBLESHOOTING

ISSUE	CHECK
Not working	Check that the power adapter is connected and is the correct rating.
	Ensure the front panel is correctly fitted and that the peg on the rear of the panel is undamaged.
Abnormal Smells	Check if the filter is clean.
	Replace the filter.
Pollutants not removed and loud noise when running	Check if the filter is clean.
	Replace the filter
Abnormally high Air Quality (PM2.5) reading for prolonged period.	Clean the sensor
Auto and Timer Buttons flashing and unit bleeping	Replace the filter and reset the appliance following the care and maintenance section.

electriQ UK SUPPORT

www.electriQ.co.uk/support
Please, for your own convenience, check the troubleshooting guide before calling the service line.
If the unit still fails to operate call: 0871 620 1057 or complete the online form
Office hours: 9AM - 5PM Monday to Friday

www.electriQ.co.uk
Unit J6, Lowfields Way
Elland, West Yorkshire
HX5 9DA

DISPOSAL

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.

DECLARATION OF CONFORMITY

Hereby, electriQ declares that this Portable air conditioner is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

https://www.electriQ.co.uk/content/declaration-of-conformity