

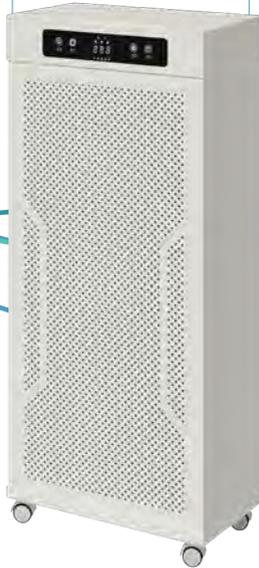


PURE AIR™

USER MANUAL

KTII

MEDICAL GRADE
DUAL TECHNOLOGY MOBILE
AIR STERILISATION SYSTEM



Fast Air
Sterilisation



Kills 99.97% of Airborne
Pathogens and Viruses



Cross Infection
Reduction



Dual Technology
Filters



Quiet



Certified

UPGRADE YOUR WARRANTY

Every So Pure KTII is supplied with a 2 year warranty against manufacturing defects. You can also obtain a free upgrade to a 5 year warranty by registering the product with So Pure.

To obtain the 5 year warranty simply:

- Email sales@sopureair.co.uk with the following details
- Company name
- Company address, including postcode
- Contact name
- Main contact telephone number and email address
- Location of machine (address if different to above and floor/room details if applicable)
- Serial number of machine (located on a label on the rear of the machine)
- Date of purchase/lease

Please register your product within 30 days of receipt. Registering your product also ensures that we will contact you after 12 months as a reminder to book your first free of charge annual maintenance service.

This does not affect your statutory rights

Thank you for purchasing the KTII Air Steriliser.

This unit is designed to provide consistent and reliable indoor air quality over a long service life. To ensure the product is used safely and correctly, please read this user manual carefully prior to installation.

It is important that the unit is operated and maintained in accordance with these instructions for continued trouble-free use.

All our products are constantly being reviewed and updated to maintain optimum performance. If the contents of this manual are inconsistent with the actual product, please contact us immediately in order that we can provide the best possible assistance and service for you.



Product Description

This product uses high-quality components, such as ultraviolet lamps and multiple air filters, to disinfect and sterilise the air in the room in which it is installed. Air is circulated through the unit at a rate of up to 1200m³/h to provide high efficiency sterilisation throughout the day, reducing aerosol and droplet infection transmission of bacteria and viruses.

This air sterilisation process is completely harmless and therefore the unit can be operated at any time of the day, whether the area is occupied or not. The KTII is equipped with the following air sterilisation components:

- High quality, long life washable nylon primary filter
- Ultraviolet (UV-C) lamps
- Medical grade H14 fibreglass HEPA PM 2.5 filter - removal efficiency 99.9%-99.97% @ 0.3µm
- Ultra-large absorption area honeycomb activated carbon filter

Technical Parameters

Circulation air volume	1200m ³ /h	UVC lamp power	2x 8.8W
Input voltage/ Rated power	220-240V~50Hz(110W)		
Natural bacteria extinction rate	≥99.9%		
UV radiation intensity (1m vertically below the lamp)	18µW/cm ²		
UV lamp life	≈8000H	Noise	≤65dB
UV leakage (30cm around the device)	≤1µW/cm ²		
Ozone residual concentration	≤0.005mg/m ³		
Ambient temperature	5°C-40°C	Relative humidity	≤80%

MACHINE SIZE:

1335x575x335mm

Applicable Areas of Use

Suitable for air disinfection in any indoor space, including public areas. The space can remain occupied during operation.

Installation & Use

1. Please connect to 230VAC 50Hz mains power, using the power supply cable supplied with the unit. Connecting to any other voltage/frequency or using an incorrect power supply cable may cause damage to the product and void the warranty
2. Please do not use any volatile chemicals near the machine. If the unit is exposed to these chemicals it may cause damage or produce a fire
3. Please leave at least 20cm of space around the machine when it is operating and only use in a dry, indoor environment

Introduction to Function & Use

The UV-C lamp sterilisation function operates automatically when the unit is switched on. The effectiveness of the sterilisation effect is improved by increasing the fan speed, to increase the volume of air circulation.

Touch the on/off symbol on the fascia to turn the unit on. The Sterilise indicator will illuminate to show that the UV-C lamps are operating. Touch the fan speed symbol to change the fan speed manually.

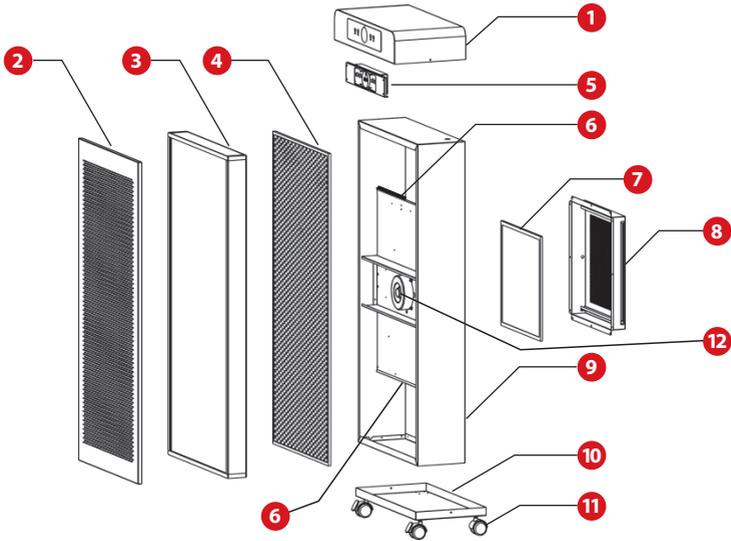
Principles of Sterilisation & Elimination of Micro-Organisms

How to Use:

The KTII has two built-in ultraviolet (UV-C) lamps, which uses ultraviolet light to sterilise air circulating through the unit. Further air sterilisation and purification is carried out by the multiple filters, including a medical grade H14 HEPA filter and activated carbon filter. This combination of ultraviolet light and filters removes and kills bacteria and viruses present in the air, eliminating odours and other pollutants and delivering sterilised air back into the room.



Assembly Diagram



1	Upper cover	7	Pre air filter
2	Air outlet	8	Protective cover
3	HEPA filter	9	Machine body
4	Carbon filter	10	Butt plate
5	Control circuit board	11	Wheel
6	UV-C lamp	12	Fan

Part Function Description

NO.	PART	FUNCTION
7	Prefilter	Remove large particles, insects and other pollutants
11	Wheel	Easy to move
2	Air outlet	Diffuse airflow
12	Fan	Provide air circulation
3 & 4	Air filters	Remove harmful odour filtering $\geq 0.3\mu\text{m}$ particles
6	UV-C lamps	Kill virus/bacteria
5	Control system	Manually adjust the fan speed, start and stop the UV-C sterilisation system

Operation Interface



Numerical display:

PM2.5 level & time preset value

Status display:

Filter replacement reminder, fan speed, sleep mode & automatic mode indicators.

Mode button:

Change operation mode – sequentially select manual, automatic, timer and sleep modes – see remote control instructions on page 8 for further details

Speed button:

Change the fan speed in manual mode.

Sterilise symbol:

Illuminates when machine is turned on to indicate that the UV-C lamps are operating.

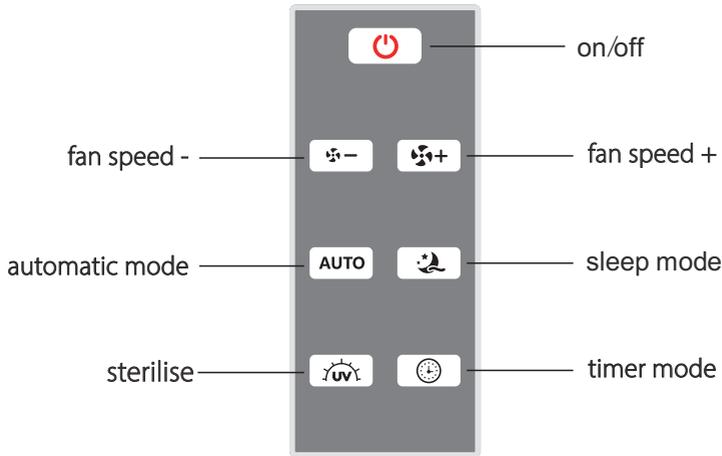
Service/Replacement Reminder:

Replacement reminder:  icon flashing on the machine indicates that the filters and UV-C lamps require changing. To arrange a service, use the contact details provided on page 15. The icon  will stop flashing following maintenance by an engineer.

If you have purchased the unit, please consult the separate maintenance instructions for full details on lamp and filter replacement.



Remote Control Operation



On/Off:

Press the on/off button to turn the unit on or off. The control panel on the unit will illuminate, including the Sterilise symbol. The unit will operate with the default settings of manual mode and fan speed 1.

Fan Speed:

Press the + or – button to increase or decrease the fan speed when in manual mode.

Mode Buttons:

A. Auto Mode:

The fan speed and air volume change rate are adjusted automatically, dependent on the level of air quality as determined by the unit's built in sensor

Sterilise

None functional. The UV-C lamp sterilise function automatically operates in 'constant on mode', when the unit is switched on.

B. Manual Mode

Press the Auto button a second time. The fan speed and air volume change rate are adjusted manually using the fan speed buttons above

C. Timer Mode:

The unit can be scheduled to automatically turn off after a selected period of time of between 1 and 9 hours. This is adjusted by pressing the Timer button repeatedly until the desired time period is displayed on the unit's control panel numerical indicator

D. Sleep Mode:

Operates the unit at minimum fan speed and all control panel indicator lights are turned off, except the sleep indicator mode indicator.

Tuya App

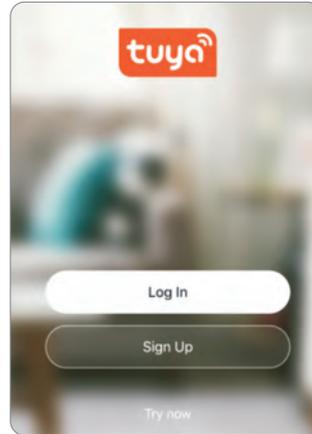
Set Up and Operating
Instructions

This device can also be controlled remotely using the TUYA APP. Follow the set up instructions below.

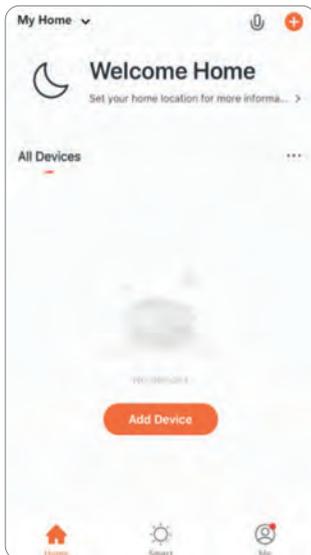
- 1 Scan the **QR code** to download or search TuyaSmart to download and install the APP.



- 2 Launch Tuya Smart and click **Log In** (click Sign Up first if you don't have a TUYA account) or **Try now** (some APP features may not be available without login).



- 3 Plug in the device, click **power on** "⏻", then press **MODE** on the panel for 5 seconds until the "📶" symbol flashes (repeat it if "📶" symbol does not flash). Then click **Add Device**.



- 4 Click **Auto Scan**, launch Location Services, WLAN (Ensure your phone and the device use the same network) and Bluetooth, and then click **Auto Scan** to search for the nearby devices available.

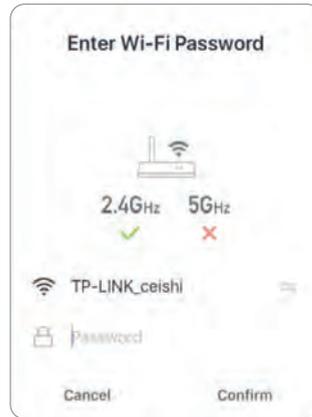


- 5 Click **Next** when the APP has located the available devices.

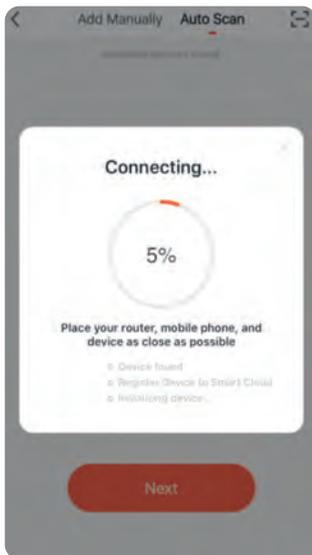


- 6 Input the account and password of the WLAN for the device (Ensure the device uses the same network as your phone with the same correct password.) and click **Confirm**.

Note: This APP only works on 2.4GHz networks.



- 7 APP will be automatically connected with the device, this process may take 1-3 minutes. Click the **Done** after **“Add Successfully”**. If you click the device name you can re-name it, for example: **“Air Purifier”**.

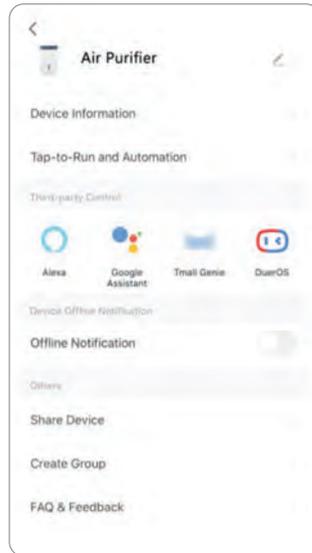
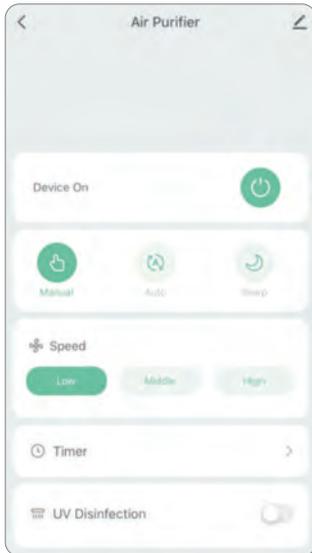


- 8 The APP control interface will now appear. Click Icons to remote control the device. Congratulations! now you can control this device by Tuya.



Sharing APP control of the device with other users.

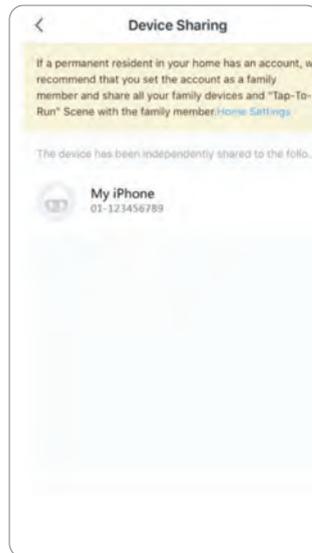
- 1 Click the “✎” by the side of the device name in the Settings interface.
- 2 Click Share Device for device sharing.



- 3 Click **Add Sharing** to input the other user's account name.
- 4 With **Add Successfully** the other user can control the device simultaneously.



Add Sharing



Add Sharing

Maintenance

The KTII has a long, reliable service life. To ensure optimum performance, continued effective air sterilisation and safe operation, please follow these regular inspection and maintenance requirements:

Check the unit's casing and power supply cable regularly for signs of damage. If the power cable is damaged, isolate the mains power immediately before carrying out any further checks.

Keep the unit free of dust. The casing may be cleaned with a dry, soft microfibre cloth, or similar.

Check the pre-filter on the back of the unit every 3 months. If there is a build up of dust, remove the filter from the unit, carefully clean it using a brush or vacuum cleaner on low power and then replace the filter.

The internal filters and UV-C lamps need to be replaced every 12 months. This ensures that the unit continues to work effectively and that air passing through the unit continues to be sterilised.

To arrange a service, please follow the instructions on page 15. If you have purchased the unit, please consult the separate maintenance instructions for full details on replacement procedures.

If the unit is switched off and not used for a long period of time, the power cable should be disconnected and the unit covered with a clean cloth.

CHECK ITEM	HOW TO CHECK	FREQUENCY
External wiring	visually check for damage	3 months
Pre filter	check whether the surface is damaged; clean every 3 months	3 months
Centrifugal fan and motor	the centrifugal fan must rotate smoothly without generating abnormal sound. If abnormal sound is heard, please confirm whether there is a foreign body in the blower and whether the noise of the motor bearing is abnormal. If the motor has problems, please replace it.	12 months
UV-C lamps	replace every 12 months at same time as internal filters	12 months



Important Safety Instructions

- ⚠ Please read this manual fully before using the KTII, to avoid personal injury and potential damage to the unit or property. Use only the power cable supplied and connect to an appropriate, earthed 230V AC mains power supply.
- ⚠ Please do not use other forms of power supply.
- ⚠ Please keep the unit clean. Do not store flammable materials close to the unit. This can affect the air sterilisation system and may increase the risk of fire.
- ⚠ Please use both hands when moving the unit around on the wheels, to prevent it from tilting or falling, potentially causing personal injury or damage to the unit.
- ⚠ The unit should be maintained regularly in accordance with the instructions in this manual. The internal filters and UV-C lamps must be replaced annually, otherwise the air sterilisation will be adversely affected. All maintenance should be carried out with the power turned off and the power supply cable unplugged from the mains supply, to avoid the risk of electric shock.
- ⚠ Flammable substances (such as alcohol, acetone, gasoline (kerosene) oil, paint thinner, etc.) must not be used to clean any part of the unit during maintenance, to avoid the risk of fire, personal injury and damage to property or the unit.
- ⚠ The UV-C lamps and internal filters must be changed in accordance with the maintenance schedule, or earlier if any are damaged or the unit has high usage and long operational hours.

Transportation/Storage

During transportation, avoid wet or damp environments, physical damage and corrosive materials. The unit should be stored in a well-ventilated and dry room, avoiding strong sunlight. Multiple units or other items should not be stacked on top of each unit.

Packing List

	QUANTITY		QUANTITY
KTII Air Steriliser	1	User manual	1
Power Supply Cable	1	Remote control	1



Email: sales@sopureair.co.uk

[sopureair.co.uk](https://www.sopureair.co.uk)