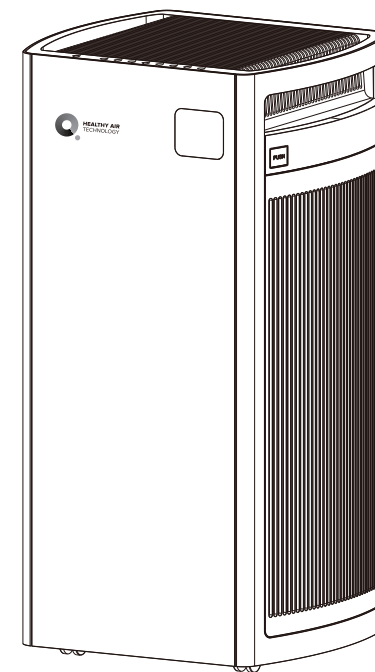


Healthy Air Purifier

HA800 / HA800+



Manufactured by Healthy Air Technology Ltd.

Product name: Healthy Air Purifier (HA800)

Email: Admin@Healthyairtech.co.uk

Address: Oxford University Begbroke Science Park, Begbroke, Oxford, OX5 1PF

Website: www.healthyairtech.co.uk

Dear users,

Welcome to Healthy Air!

Thank you for choosing to purchase the Healthy Air Purifier (HA800 series). In this manual, 'HA800 series' refers to models HA800 and HA800+. Wi-Fi, app-based functions and CO₂ monitoring are available on the HA800+ model only. Please read the entire operating manual carefully prior to first use and keep it in a safe place for future reference.

Healthy Air Technology Ltd was founded by scientists from the University of Oxford and develops innovative, healthy air purification systems for indoor environments. The HA800 series uses a multi-stage purification system combining HEPA filtration with patented D-orbital Nano Oxide (DNO) catalyst technology. The DNO catalyst technology is designed to help reduce selected gaseous pollutants. Under appropriate conditions, some pollutants may be converted into simpler substances such as water and carbon dioxide, without the risk of secondary release. This system is designed to reduce particulate and gaseous pollutants in the air, including PM2.5, VOCs, NOx, SOx, bacteria, viruses, pollen, dust, odours, ozone, formaldehyde.

The CFD-assisted airflow design supports air circulation and even distribution of purified air within the room. Healthy Air Purifiers are recognized by the Singapore government as effective units in combating COVID-19.

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Safety Guidelines

Before using this product, read this manual carefully and follow the safety precautions below.

 WARNING	
 Do not insert any foreign objects into the air outlet or openings. They may contact internal parts and cause electric shock or damage.	 Do not clean the unit with benzene, thinners or other solvents, and avoid contact with insecticide spray. Doing so may damage the unit or cause a short circuit, electric shock or fire.
 Use only a 220–240 V AC power supply. Do not overload the socket or use an adaptor beyond its rated capacity, as this may cause overheating or fire.	 Do not use this air purifier in areas containing oily or greasy particles, such as kitchens. This may damage the unit. Do not use this purifier as a ventilation or extraction device.
 Do not damage, modify, excessively bend, twist or pull the power cord, and do not place heavy objects on it. Do not use the unit if the cord or plug is damaged, as this may cause electric shock, short circuit or fire.	 Do not use this purifier in a room where fumigation-type insecticide has been used. Insecticide residue may accumulate inside the unit, and later be released from the air outlet, which may be harmful to health. Ventilate the room thoroughly before using the purifier.
 Do not disassemble, modify or repair this purifier yourself. Doing so may cause electric shock, malfunction or fire.	 Before cleaning this unit, switch it off and unplug it. Otherwise, the unit may start unexpectedly and cause electric shock, overheating or fire.

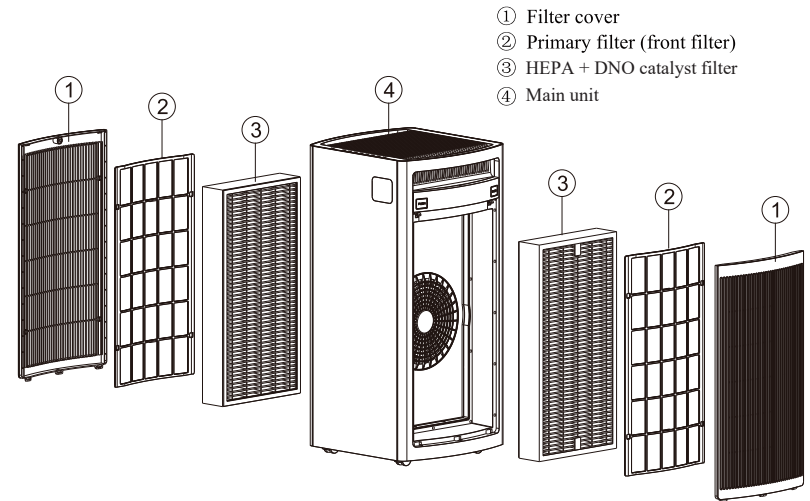
 CAUTION	
 Do not touch the power plug with wet hands. Doing so may cause electric shock.	 Do not use the unit in humid or high-temperature locations, or in places where it may get wet, such as bathrooms. Otherwise, it may cause electric shock or fire.
 Do not allow the unit to get wet. Otherwise, it may cause electric shock or fire due to a short circuit.	 Do not allow flammable substances or burning materials, such as cigarette ash or sparks, to enter the unit. Otherwise, this may cause fire.
 Clean the power plug regularly. Dust build-up on the plug may damage the insulation and create a risk of fire. • Unplug the unit and wipe the plug with a dry cloth. • Unplug the unit if it will not be used for a long period.	 Always pull the plug itself when unplugging the unit. Do not pull the power cord, as this may damage it and cause electric shock, short circuit or fire.

⚠ Before switching on the air purifier, insert the plug fully into a suitable wall socket. Do not use a damaged plug or a loose wall socket. Failure to do so may cause electric shock, overheating or fire.	⚠ If this air purifier is used in the same room as a coal- or wood-burning appliance, the room must be properly ventilated. Do not rely on this purifier to detect or remove carbon monoxide.
⚠ When moving the unit, always hold it by the side handles. Do not hold or lift it by the front panel. Otherwise, the panel may come off, the unit may fall, and personal injury may occur.	⚠ For proper air circulation during operation, keep the air inlet and outlet at least 35 cm away from walls or other obstacles.
⚠ 1. This appliance is for household and indoor use only. 2. The appliance can be used by children aged 8 years and above, and by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge provided they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. 3. Cleaning and user maintenance must not be performed by children without supervision. 4. Keep the appliance and its cord out of reach of children under 8 years of age. 5. Prior to cleaning or other maintenance, the appliance must be disconnected from the power supply. 6. Follow the recommended method and frequency of cleaning, and take the necessary precautions. 7. Do not operate the appliance if it is visibly damaged.	

Note: Damage caused by improper use is not covered by the warranty.

Parts

Getting to know your unit



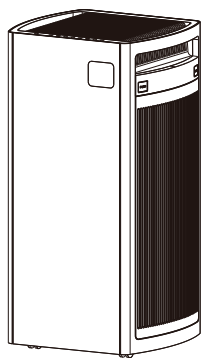
Illustrations are for reference only. The actual product may vary slightly.

Parts Included

Main unit	1 set
Primary filter (front filter)	2 pcs. (pre-installed in the unit)
HEPA + DNO catalyst filter	2 pcs. (pre-installed in the unit)
Accessory box	1 pc. (included)
Power cord	1 pc. (in the accessory box)
Operating manual	1 pc. (in the accessory box)
Certificate of Conformity	1 pc. (in the accessory box)

Key Functions

Integrated with multiple functions



- 3 operating modes: Manual, Auto and Sleep.
- Effective purification of particulate pollutants (e.g., PM2.5, smoke and pollen)
- Reduction of airborne bacteria, viruses and other microbes
- Reduction of certain gaseous pollutants (e.g., NOx, SOx, formaldehyde)
- Temperature & humidity sensing and monitoring
- Child Lock
- Timer function
- CO₂ sensing and real-time display (ppm) (HA800+ only)
- Wi-Fi connectivity and App control (HA800+ only)
- Turbo mode
- Air Ioniser
- 5 fan speed levels
- Filter replacement display
- Real-time PM2.5 display



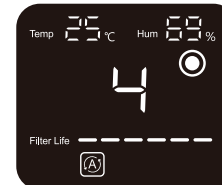
Multi-layer Air Cleaning Technologies

Primary filter	Captures larger particles such as dust, hair, fibres and dander. The primary filter can be washed with water.
HEPA filter	Filters fine particles (minimum: 0.01um), such as PM2.5, smoke and dust. Helps reduce certain airborne microorganisms.
DNO catalyst filter layer	The DNO catalyst filter helps reduce certain gaseous pollutants, including formaldehyde.
Air Ioniser	The Anion function releases negative ions. Use the Anion key to turn this function on or off.

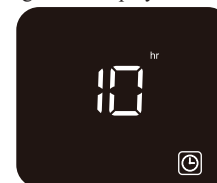
Understanding the display



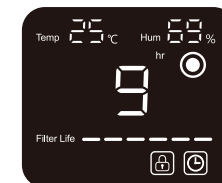
Displays PM2.5, temperature, humidity and CO₂ readings. CO₂ display: HA800+ only.



Fan Speed Status Display



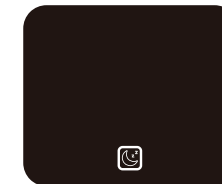
Timer Startup Status Display



Timer Shutdown Status Display



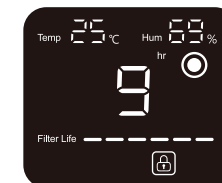
Minute Status Display (<1h)



Sleep Status Display



Wi-Fi Status Display



Child Lock Status Display

Display Symbols and Meanings

Symbol	Symbol name	Meaning
	Automatic mode	The icon indicates Auto mode. Fan speed is automatically adjusted based on the detected air quality. When the icon is off, the unit is in Manual mode and the fan speed can be selected by the user.
	Sleep mode	The unit is in Sleep mode. Other indicators and values turn off. After about 10 seconds, the Sleep icon also turns off and the screen becomes blank.
	Child Lock	Child Lock is engaged. When Child Lock is on, all other keys are disabled.
	Timer	The icon indicates that the Timer function is on.
	Filter life	The indicator shows the remaining filter life. It flashes to remind the user to replace the filter when 10% of filter life remains.
	Wi-Fi	Press and hold the Anion key (for more than 3 seconds) to enter Wi-Fi configuration mode. (HA800+ only)

Getting Started - Key Operation

Symbol	Name	Implications
	Power key	In standby, press the Power key once to turn the unit on. Press again to turn it off. The Power indicator is white when the unit is operating and red in standby.
	Auto key	When the unit is operating, press the Auto key to switch between Auto mode and Manual mode. In Auto mode, the Auto indicator is on. In Manual mode, the Auto indicator is off and the fan speed can be selected by the user.
	Sleep key	When the unit is operating, press the Sleep key to enter Sleep mode. In Sleep mode, the display turns off after a short period. Press any key to exit Sleep mode. To turn off the display while the unit continues to operate, press and hold the Sleep key for more than 3 seconds to enter Screen-off mode. In Screen-off mode, all indicators and values are off, but the unit continues to operate normally. Press any key to return to normal display.
	Child Lock key	When the unit is operating, press and hold the Child Lock key for at least 3 seconds to turn Child Lock on. When Child Lock is on, the Child Lock indicator is on and all other keys are disabled. To turn Child Lock off, press and hold the Child Lock key for at least 3 seconds.
	Filter resetting	When the filter life indicator bar is low and starts to flash, replace the filter. After replacing the filter, press and hold the Filter Reset key for at least 3 seconds to reset the filter life indicator. The filter life indicator can be reset only when the remaining filter life is less than 10%.

Filter Life Indicator Reset

Forced reset: In standby mode, press and hold the Auto key and the Sleep key for 5 seconds. Reset is complete after a “ding” sound and the indicator flashes six (6) times.

Key Operation

Symbol	Name	Implications
	Anion key	When the unit is operating, press the Anion key to turn the negative ion function on or off. The button indicator is on when the negative ion function is operating. When powered on, the unit starts in Auto mode with the Anion function enabled by default.
	Timer key	In standby, press the Timer key to set the start timer. When the unit is operating, press the Timer key to set the shutdown timer. Set the timer to “0” to cancel the timer function. The timer can be set up to 12 hours.
	Fan Speed key	When the unit is operating, press the Fan Speed key to adjust the fan speed manually. Press repeatedly to cycle through speeds 1 to 5. The selected speed is shown on the display. After three seconds, the display will automatically return to the PM2.5 display.
	Turbo key	When the unit is operating, press the Turbo key to switch directly to fan speed 5. After 3 seconds, the display returns to the PM2.5 display. Using the Fan Speed key manually overrides Auto mode.

Cleaning and Maintenance

Unplug the unit before cleaning or maintenance.

Cleaning the unit

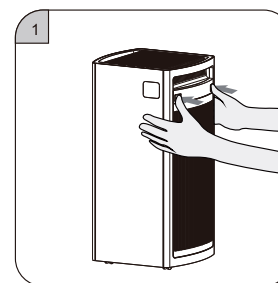
- Wipe the surface with a soft damp cloth and then wipe dry.
- Stubborn stains that cannot be easily wiped should be cleaned with a cloth lightly dampened with a neutral detergent solution.

CAUTION: Before maintenance, remove the front cover only as instructed in this manual. Do not use scouring pads, abrasive materials, or harsh chemical cleaners, as these may damage the surface.

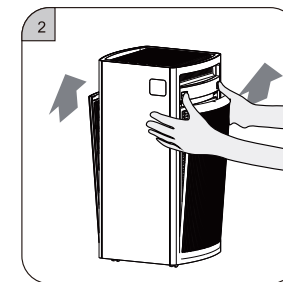
Filter cleaning and replacement

- The built-in Filter Life Indicator will remind the user when the filter needs to be replaced. The actual service life of the filter may vary depending on the operating environment and air quality conditions. Replace the filter promptly if airflow is reduced, noise increases, or odours are noticeable.
 - Primary filter: It is recommended to clean the primary filter once every two (2) months. In environments with heavy dust, high traffic, or shedding pets, more frequent cleaning may be required.
 - Dust on the surface of the HEPA filter may be removed using a clean, dry cloth to help extend its service life. Cleaning is recommended once every two (2) months. Washing is not permitted.
- ※ The filter may need to be replaced sooner in some environments, for example in a household with smokers.
- ※ Dispose of used filters in accordance with local waste disposal regulations. Ensure
- ※ all parts are completely dry before reinstallation and use.

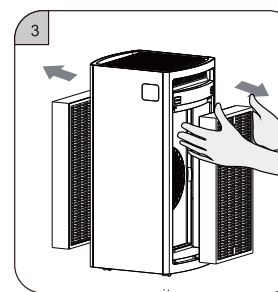
Replacement of Filters



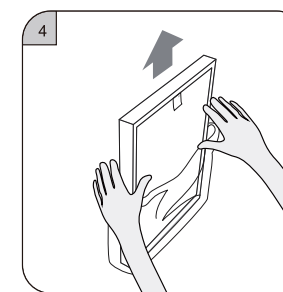
- ① When the filter life indicator flashes, press the buttons on both sides of the unit to release the filter cover.



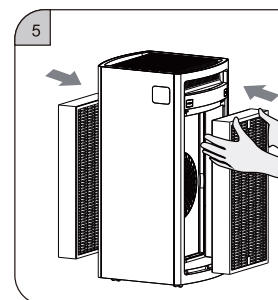
- ② Lift the filter cover upward and remove it from the unit.



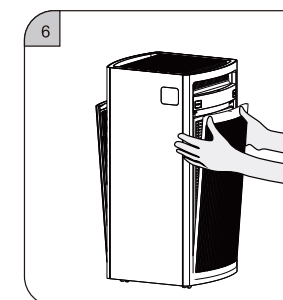
- ③ Remove the used filter from the unit.



- ④ Remove all packaging materials from the new filter before installation.



- ⑤ Install the new filter into the unit in the correct position.

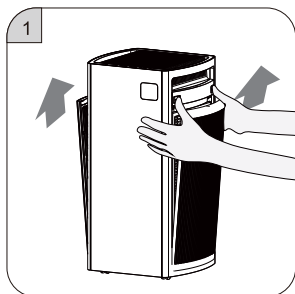


- ⑥ Reinstall the filter cover securely and reset the filter life indicator (see Page 7).

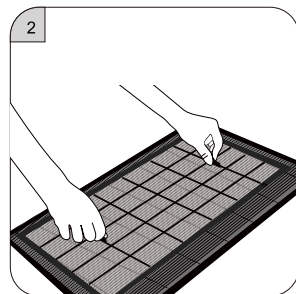
Note:

Before first use, open the filter covers and remove all packaging materials from the filters. Reinstall the filters and covers securely before switching on the unit.

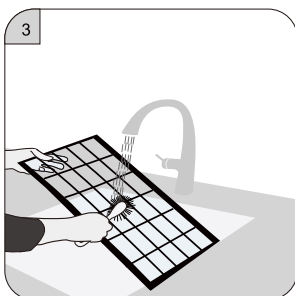
Cleaning of Primary filter



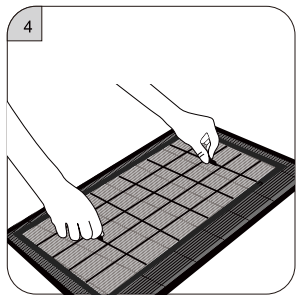
- ① Press the buttons on both sides of the unit to release the filter cover.



- ② Remove the primary filter from the unit.



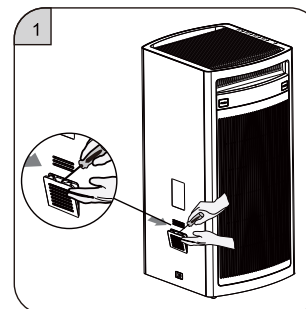
- ③ Clean the primary filter under running water. If necessary, use a soft brush to remove dust.



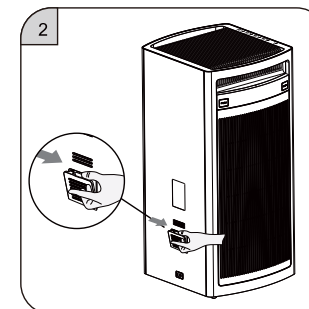
- ④ Allow the primary filter to dry completely before reinstallation. Reinstall the primary filter and securely close the filter cover.

Replacing the PM2.5 Sensor

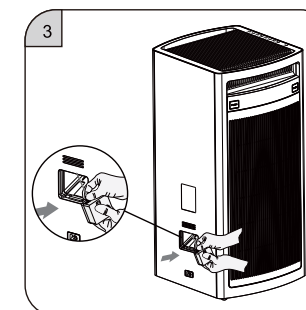
PM2.5 sensor replacement must be carried out by qualified service personnel only. Do not attempt this procedure without permission.



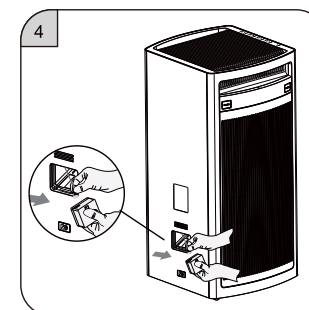
- ① Use a flat-head screwdriver to gently pry open the sensor cover.



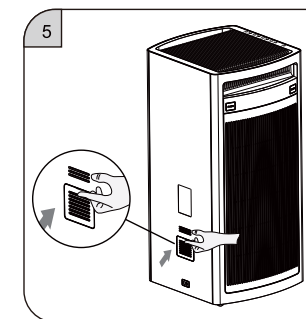
- ② Remove the sensor cover.



- ③ Hold the handle and pull the sensor module out of the unit.



- ④ Disconnect the terminal from the old sensor module and connect it to the new sensor module.



- ⑤ Reinstall the sensor module into the unit and securely close the sensor cover.

Technical Specification

Product specification & parameters

Product Name	Healthy Air Purifier
Model	HA800
Rated Voltage / Frequency	220–240 V~, 50–60 Hz
Rated Power	80W
Noise Level	67dB(A)
PM2.5 CADR	780m ³ /h
Applicable Area	56~96 m ²
Net Weight	14.8kg
Product Dimensions	380*360*770mm

This product is manufactured in accordance with GB 4706.1-2005, GB 4706.45-2008 and GB/T 18801-2015, and complies with CE, FCC and RoHS requirements.

Real-time air quality display

PM2.5 Concentration (μg/m ³)	PM2.5 index grade	Fan Speed Level	Indicator Colour
0-15	Excellent	1	Blue
16-35	Good	2	Green
36-75	Medium	3	Yellow
>76	Poor	4	Red

Common Problems and Solutions

Problem	Possible Causes	Solutions
The unit does not operate	1. A problem with the connection. 2. The filter cover is not properly installed.	1. Check that the plug is fully inserted into the socket and that the Power key is on. 2. Reinstall the filter.
Insufficient Airflow from Outlet	1. Packaging bag not removed from the filter. 2. Purifier air outlet blocked by foreign matters.	1. Remove the plastic packaging first. 2. Remove any items blocking the air inlet or outlet.
Poor efficiency	1. Poor ambient air quality. 2. Failure of composite filter due to environmental factors. 3. The room is larger than the applicable area for this unit.	1. Open a window to improve ventilation. 2. Please replace the composite filter.
Abnormal Noise During Operation	1. Air inlet or outlet blocked by the external objects. 2. Foreign objects falling into the air duct.	1. Remove the obstacle. 2. Remove any foreign objects.

The most common problems are listed in the table above. If you cannot find a satisfactory solution, please contact customer support: admin@healthyairtech.co.uk

hazardous substance content of this product

According to relevant provisions in the *Regulation on the Administration of the Recovery and Disposal of Waste Electrical and Electronic Products* (the “Regulation” for short), names and contents of probable hazardous substances in our products are listed as follows:



Part name	Hazardous substances or elements					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr (VI))	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
Motor	×	○	○	○	○	○
Circuit elements	×	○	○	○	○	○
Power line	○	○	○	○	○	○
Plastic parts	○	○	○	○	○	○
Metallic parts	○	○	○	○	○	○
Rubber parts	○	○	○	○	○	○
filter elements	○	○	○	○	○	○
Package	○	○	○	○	○	○

This table was formulated according to relevant provisions in SJ/T 11364.

○ indicates that the content of this hazardous substance in all homogeneous materials of this part is below the limit specified in GB/T26572.

×: It indicates that the content of the hazardous substance in at least one homogenous material of this part is beyond the limit stipulated in GB/T 26572.

 The Environmentally Friendly Use Period (EFUP) of this product is ten (10) years. Its sign is shown in the left figure.

The environmentally-friendly service life of renewable parts may be different from that of this product. The “environmentally-friendly service life” will be invalid unless the product is used only under the circumstances stated in this Manual.



Do not dispose of electrical appliances as unsorted municipal waste. Use designated separate collection facilities.

Contact your local authorities for information about available collection systems. If electrical appliances are disposed of in landfills or dumps, hazardous substances may leak into groundwater and enter the food chain, posing a risk to human health and the environment.

Warranty Registration

* Scan the QR code to register your product warranty and contact our customer service center.



REGISTER YOUR WARRANTY

Please fill out the form below to register your warranty. Some of the fields will be pre-populated if you are logged in. The registered email will need to match the email on your account with us.

Standard One Year Manufacturer Product Warranty - Healthy Air Technology

PERSONAL DETAILS

First Name*	Last Name*
Email*	Country of Residence*

ADDRESS DETAILS

Address line 1*	Address line 2
Town/City*	Zipcode / Postcode*
☐ Same as above ☒ Alternate address	

PRODUCT INFORMATION

Product Name*	Serial Number*

It is located at top of the name plate, for example Y4500PL355220P

PURCHASE INFORMATION

Date purchased*	Purchase location*

Please let us know at which store or online location you purchased the product

☐ I would like to receive news and free information via email

REGISTER



HEALTHY AIR TECHNOLOGY

UK HQ

admin@healthyairtech.co.uk

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WARRANTY

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Website designed & built by Simon & Lee

Note:

There may be a network delay when accessing the HATL UK official website. Please allow time for the page to load.

App and Wi-Fi Setup (HA800+ only)

1 How to Use the app?

The HATL app allows you to operate the air purifier and monitor air quality with ease. Through the app, you can:

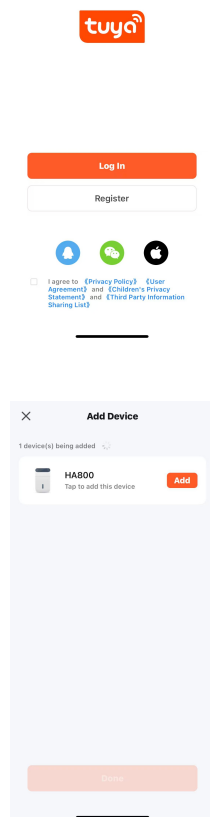
- 1) Monitor indoor air quality PM2.5, temperature and humidity.
- 2) Monitor indoor CO₂ level (HA800+ only).
- 3) View local outdoor air quality information, where supported by the app.
- 4) Adjust the fan speed according to real-time air quality.
- 5) Select fan speed, Turbo mode, Auto mode or Sleep mode.
- 6) Set a timer or schedule operation.
- 7) Turn the unit on or off remotely and check its status.
- 8) Enable or disable the Child Lock function.
- 9) Enable or disable the Anion function.
- 10) Monitor filter life status and receive replacement reminders.

2 How to pair the air purifier with Wi-Fi?

- 1) Download the HATL app (Tuya).
- 2) Connect the air purifier to a power source.
- 3) Create an account and password, then log in to the app.
- 4) If pairing for the first time, press and hold the Anion key (for more than 3 seconds) with the unit switched on to enter Wi-Fi configuration mode. Tap “Connect Product” in the HATL app, select the desired product from the list, and then follow the instructions to complete the pairing.
- 5) Keep your smart device within 1 metre of the air purifier during pairing. The process takes approximately 5 minutes.

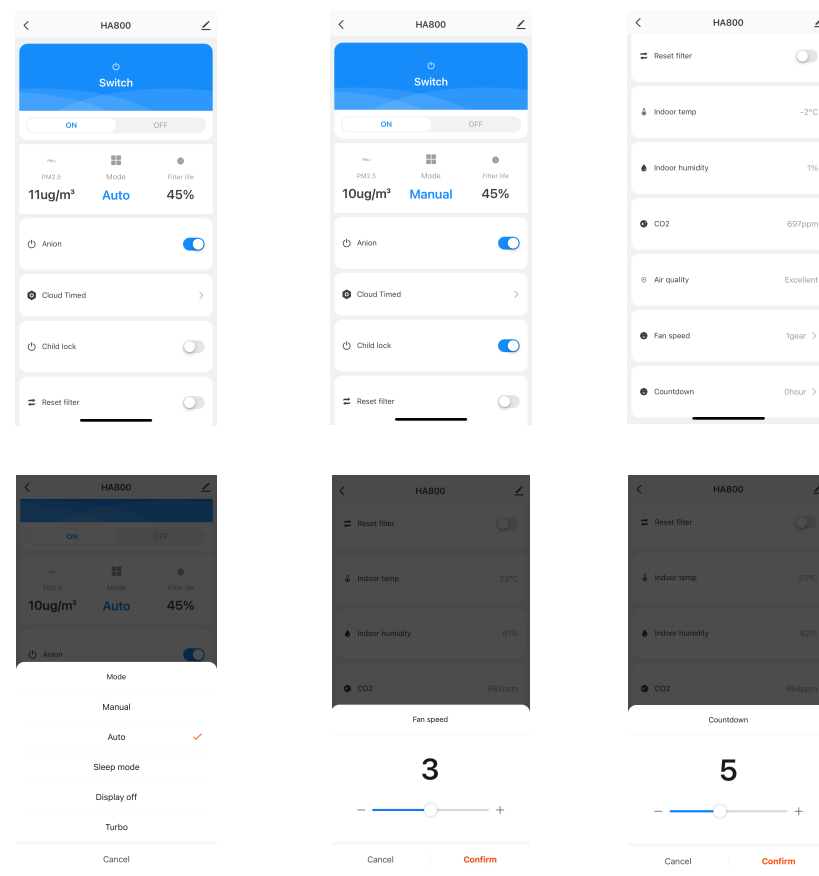
Note:

When pairing, keep the air purifier connected to a power source. Before pairing, make sure your smart device is connected to a stable 2.4 GHz Wi-Fi network and have your Wi-Fi name and password ready.



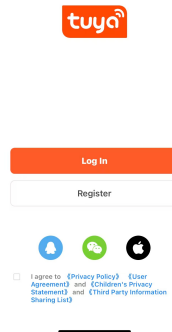
3 What Status Information and Functions of the Air Purifier Can Be Viewed and Controlled?

- 1) Remotely turn the air purifier on or off and monitor indoor air quality, including PM2.5, CO₂, temperature, and humidity.
- 2) Manually or automatically adjust the operating mode and fan speed according to real-time air quality data.
- 3) Remotely enable or disable functions such as the Anion function and Child Lock, and reset the Filter Life Indicator.
- 4) Remotely adjust the fan speed, Turbo mode, Auto mode and Sleep mode of the air purifier.
- 5) Set a timer or schedule operation.
- 6) Monitor the device status and air quality data in real time remotely via the app.
- 7) Enable or disable the Child Lock function.
- 8) View the filter life status and receive replacement reminders.



4 How to Reset the App Password?

On the app login page, tap "Forgot Password" and follow the on-screen instructions.



5 How to Reset the Air Purifier Network to Connect to a New Wi-Fi?

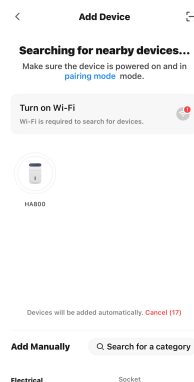
Make sure the HATL app is up to date and that your Wi-Fi network is working properly.

If the HATL app is up to date and the Wi-Fi network is functioning properly, follow the steps below to troubleshoot:

Switch the unit off, wait 20 seconds, then switch it on again and try pairing once more.

If restarting the air purifier does not resolve the issue, restart the router, then try pairing again.

Log out of the HATL app and sign in again. Make sure the smartphone is not using a VPN. If your router has VPN settings enabled, disable them temporarily during pairing.



***HA800+ models support 2.4 GHz Wi-Fi networks only.**

Note: If the router is too far from the unit, or if the signal is blocked by thick walls, pairing may fail. Place the unit closer to the router and try again.