

AP-30W



Operating instructions



Thank you for buying our air cleaner. Each system is carefully manufactured and subjected to a test run to ensure safety and reliability. Please read the instructions carefully before initial use and save them for future reference.

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Scope of delivery:

Air cleaner: 1, Power cable 1, Operating instructions: 1, Remote control: 1, Mounting plate 1, Mounting dowels: 6

With Tuya app control



WiFi technology	IEEE 802.11 b/g/n, 2,4 GHz
WiFi security	WEP, WPA, WPA2
frequency	2,412 - 2,484 GHz
Transmission power	< 20 dBm
Transmission range	max. 50 m

Specifications:

Air volume (CADR):	200 m ³ /h
Mains voltage:*	220 V / 240 V
Frequency:*	50 Hz
Power:	60 W
Dimensions (mm)	520 x 310 x 140
Weight:	8,9 kg
Ambient temperature:	5 °C – 40 °C
Relative humidity:	< 80%
Noise level:	~ 54 dB at the highest fan level



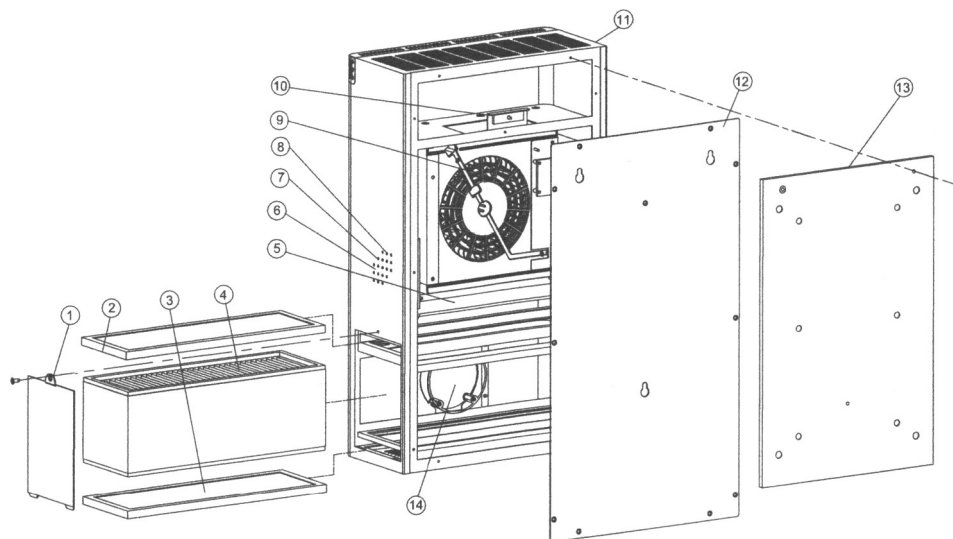
* Voltage and frequency depend on the standard of the country or region in which the devices are used. Device data can be found on the product label. Use only devices that are intended for your region.

Areas of application:

The system is equipped with a highly efficient filtration and cleaning system including a HEPA filter, an activated carbon filter, a titanium oxide photocatalyst filter, a UV sterilization lamp with a 254-nm wavelength, and a plasma generator.

ETS air cleaning systems are used to effectively remove toxins, viruses, bacteria, pathogens, dust, allergens, and odors from the ambient air.

System overview:



1 Maintenance panel

2 TiO₂ photocatalyst

3 Prefilter

4 HEPA filters and activated carbonfilter

5 UV-C lamp

6 TVOC

7 Temperature/moisture sensor

8 PM2.5-Sensor

9 Fan

10 Plasma generator

11 Primary housing

12 Air cleaner rear wall

13 Wall-mounting plate

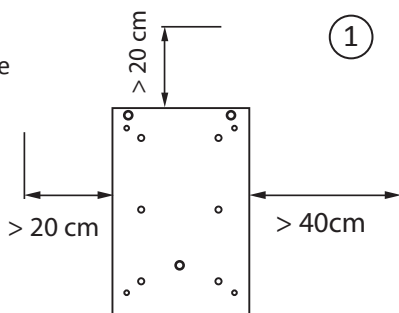
14 Control board

- Four-layer air filter and four-stage air cleaning
- High-precision particle sensors and organic gas sensors installed for real-time air quality testing
- Remote control, manual controls, and night mode
- Four cleaning modes: 1) Manual, 2) Auto, 3) Quick cleaning, and 4) Night operation with cleaning and four fan levels
- Warning display for replacing the HEPA filter, activated carbon filter, and UV lamp

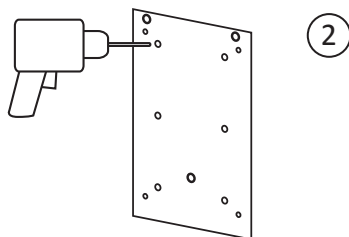
Wall mounting:

Before fixing the mounting plate to the wall, ensure that there are no pipes or electrical cables in the wall.

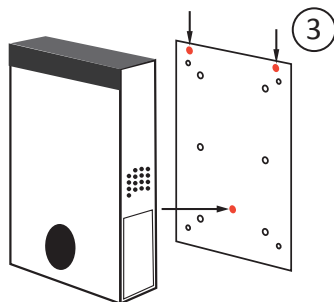
1. Leave more than 40 cm free to the right of the plate. Leave more than 20 cm free above and to the left of the plate. The mounting plate should be placed near a power outlet.



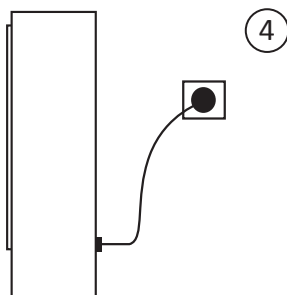
2. Use a spirit level to mount the mounting plate in the correct position. Make six marks through the holes in the mounting plate with a marking pen. Drill holes of the proper size for the dowels in the accessories package, and fix the mounting plate firmly to the wall.



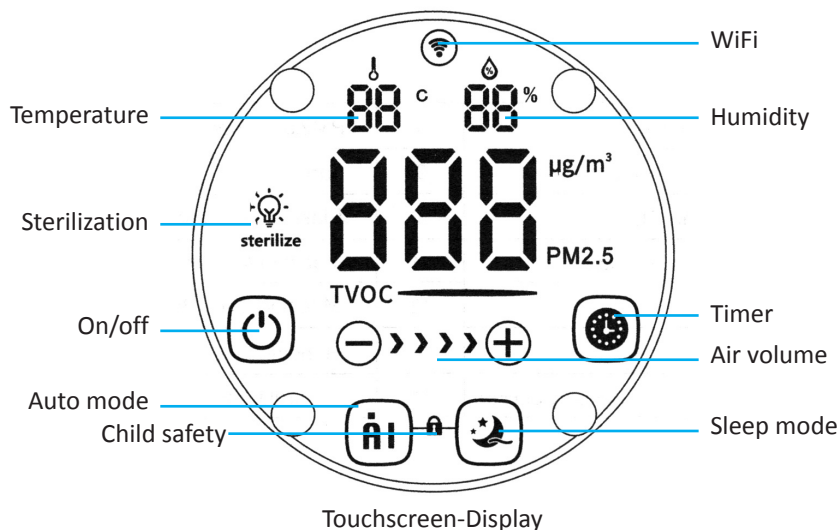
3. Fix the air cleaner to the mounting plate using the three adjustable pins.



4. Connect the air cleaner to the power source.



Control and display field:



A. On/off: Standby mode is green. On mode is white.

Touch the On/off icon to switch the air cleaner on or off. Standard mode is manual mode with Air Volume Level 1 after the air cleaner is switched on.

B. Auto/manual: Manual is white, auto is green.

In manual mode: Air volume can be measured and the UV lamp switched on. In auto mode: Sensors automatically measure the air volume for PM2.5 and TVOC. After five minutes in auto mode, the UV lamp is automatically switched on, and after 30 minutes in auto mode, it is switched back off.

C. Air speed: No backlighting on the user interface except for the sleep mode indicator.

D. Timer: Switched off – lit up white. Switched on – green. The air cleaner can be switched off automatically in 1-9 hours.

E. Child safety: Switched on – lit up white.

Touch the screen to switch on child safety, and touch sleep mode and the timer for three seconds to switch it back off. Child safety can be switched on and off with the remote control.

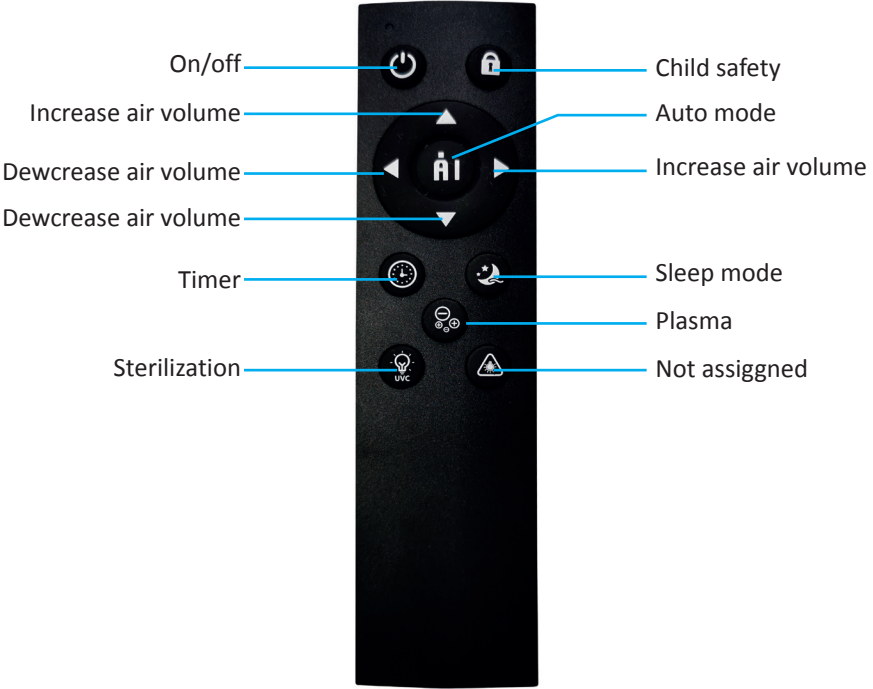
F. Air volume: +/- The air volume can be adjusted according to application environment.

G. UV: Switched off: Lit up white. Switched on – green.

H. Plasma is always on

I. Night mode: In night mode, the display lighting switches off, and the system no longer runs at high fan levels.

Remote control:



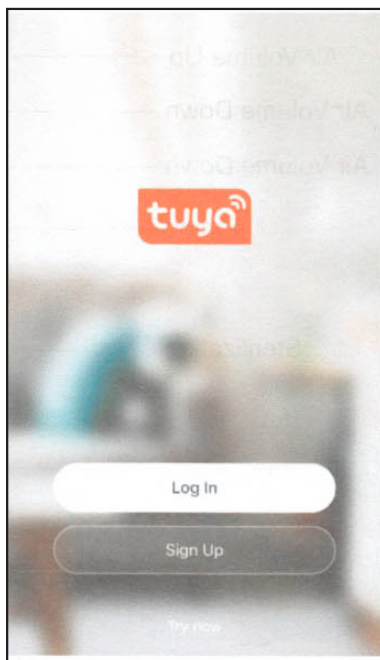
Tuya App control





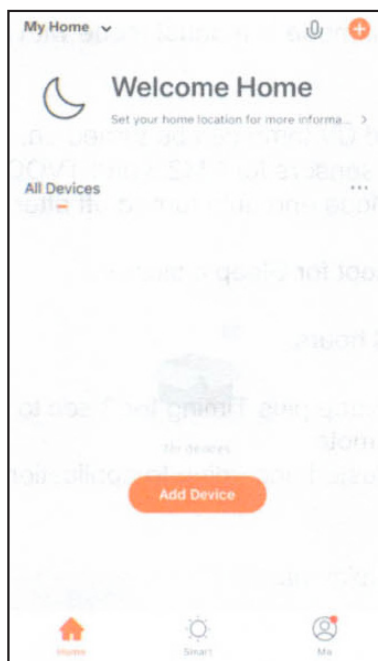
1. Scan the QR code to download the Tuya app or search for it. When it has been downloaded, install it.



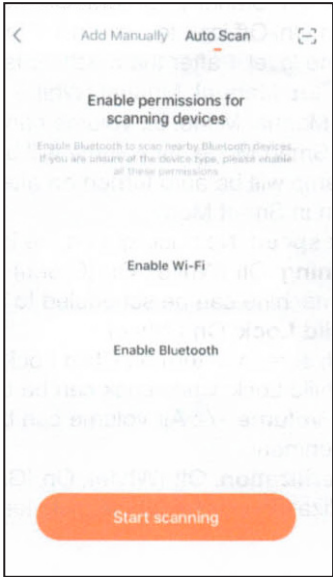
2. Start the Tuya app and click “Login” (click “Register” before your first use) or “Test now” (some app functions may not be available without login).



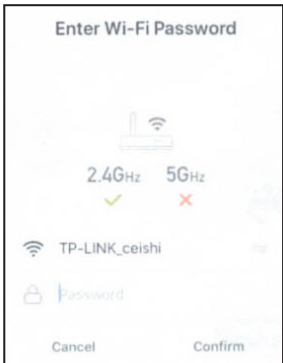
3. Connect the device. Click Switch on  and press **(AI)** for five seconds on the control panel until the light on the control panel light  begins to flash. When the AI button is pressed for ten seconds, the system switches to connection mode so that it can connect to the Tuya app. The app automatically finds the system and asks for the WiFi connection data. After the network ID and password are entered into the app, the access data are transferred to the system. The system then has internet access and can be controlled from the internet. More operation instructions can be found in the Tuya app manual.



4. Click AUTO SCAN; start location services, WiFi (ensure that the cell phone and the device are using the same network), and Bluetooth; and click AUTO SCAN to search for available devices nearby.



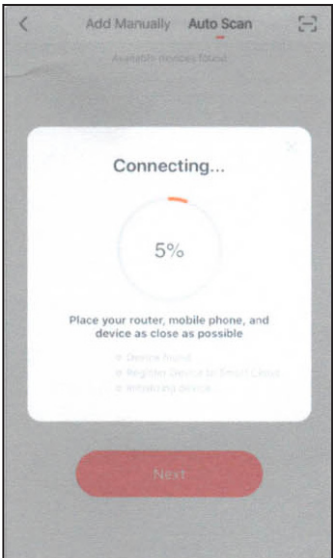
6. Enter the account and the WiFi password for the device (ensure that the device uses the same network as the cell phone with the same correct password). Then click “NEXT”.



5. Click “NEXT” when the app has located the available devices.




7. The app is automatically connected to the device. Connection can take 1-3 minutes. After the “Successfully added” notification, click “Finish”. Click the device name (“Air cleaner”, for example).



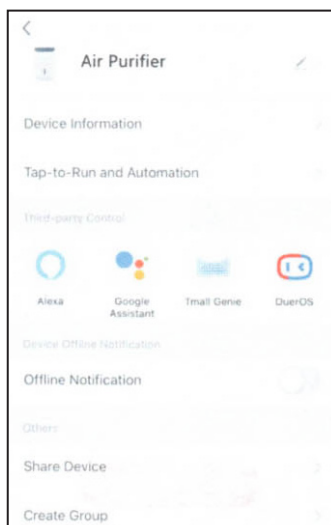
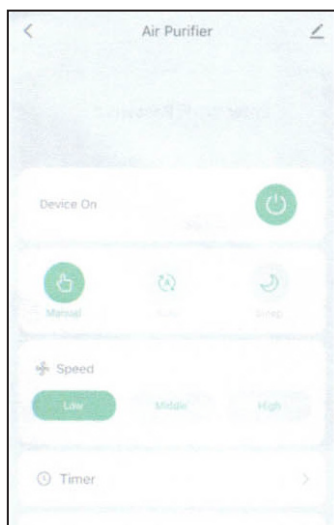
8. The app control interface now appears. Click the icons to control the device remotely. You can now control this device via



How other users control the device via app.

1. In the settings interface, click  next to the device name.

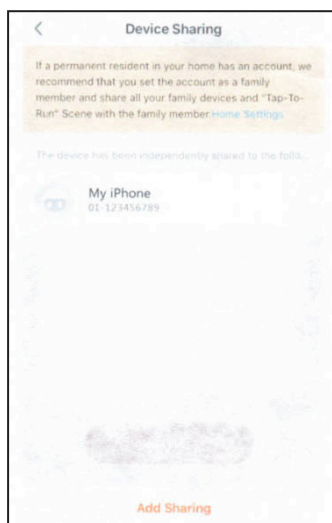
2. Click “Enable device” to enable the device.



3. Click “Enable a new user” to enter another user’s account name.



4. If “Added successfully” is displayed, the other user can now control the device, too.



Maintenance and cleaning:

HEPA filter: The HEPA filter removes smoke, dust, pollen, allergens, toxins, and fine particles larger than 0.3 μm .

Activated carbon filter: The activated carbon filter removes gases such as benzene and methanol, odors, etc.

Photocatalyst TiO filter and UV-C lamp: Eliminates viruses and bacteria in reactions with the titanium oxide coating in conjunction with UV-C light with a wavelength of 253.7 nm.

Plasma generator: At the plasma stage, air is routed between electrodes carrying high electrical voltage. Plasma neutralizes bacteria, viruses, and mold spores.

➔ Use only original replacement parts. They have been harmonized with device operation. Using third-party replacement parts can impair cleaning performance. Doing so invalidates the guarantee and the test results from the microbiological institute.

➔ Switch off the device and pull the power plug before working on the machine to avoid danger of electric shock.

Note:

The UV lamp is permanently installed and may be replaced by technical customer service personnel only.

Prefilter

The prefilter must be checked regularly at intervals of no longer than four weeks and cleaned as necessary.

The prefilter can be either cleaned with a vacuum cleaner or rinsed out with running water. Insert the prefilter only after it has dried completely.

HEPA filters and activated carbon filters cannot be cleaned. Do not replace these filters until the system indicates that doing so is necessary.

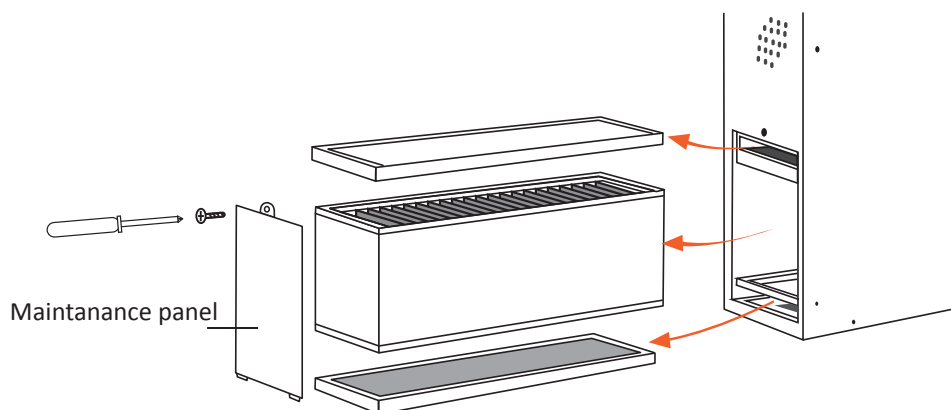
Filter replacement

To replace the filter, open the maintenance panel on the right-hand side with a Phillips screwdriver. The individual filters can be pulled out so that they can be replaced.

Note:

Re-insert the filters as they were installed. The prefilter (netting) goes in the lower slot. Insert the composite filter with the HEPA filter downwards and the activated carbon upwards. The titanium oxide filter (metal honeycomb material) goes in the top slot.

The photocatalyst filter and the UV lamp are permanently installed and may be replaced by technical customer service personnel only.



Safety instructions:

- Before use, the rear housing cover must be completely closed.
- Do not open the rear cover or the maintenance panel while the device is in use.
- Before connecting the machine to the power source, ensure that the voltage indicated on the type plate is the same as the mains voltage in your region.
- Do not use the product if the plug, the power cable, or the housing is damaged.
- Keep the product away from children.
- Do not block air inlets and outlets.
- The product is suitable for dry rooms only.
- Clean the housing with a dry or slightly moist cloth. Never use alcohol-based cleaning agents to wipe off the housing!

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You can find more information and technical data about air cleaning systems on our website.

