

Air Purifier user manual

RAP-410



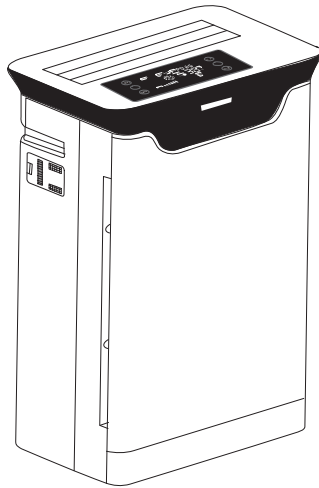
Air Purifiers Implement

Contents	1
Machine and components	2
Product parts introduction	3
Quick use guide	4
Attentions	5
Operation Instructions	6~8
Purification function	9
Working principle	10
Technical parameters	11
Troubleshooting	12
Question answer	13
After-sale service	14
Warranty terms	15
WIFI app instruction	16

Thank you for using our Air Purifier.

Please read the manual carefully before using the machine and keep it properly.

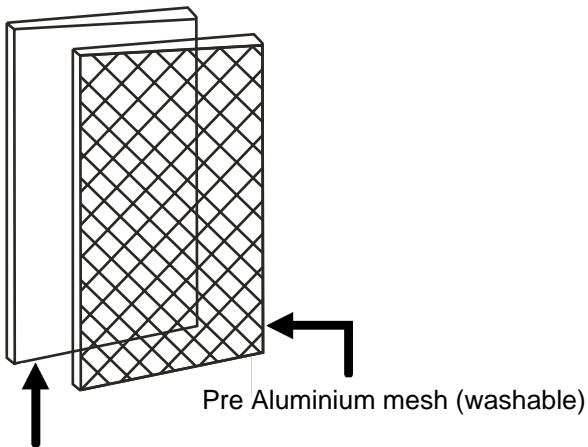
Machine



Remote

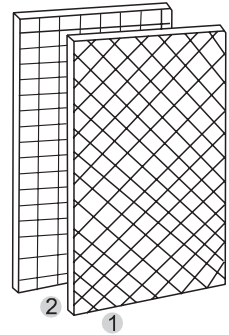
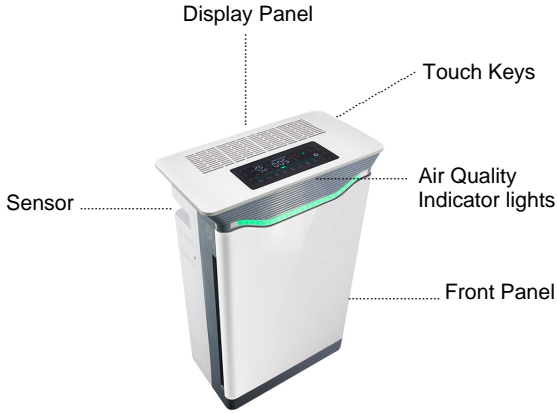


Filter

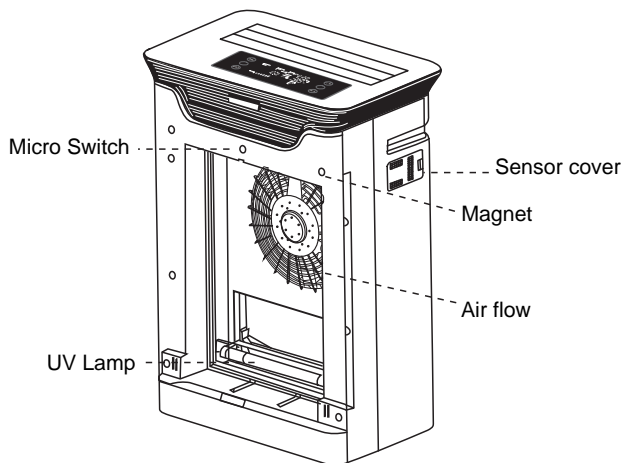
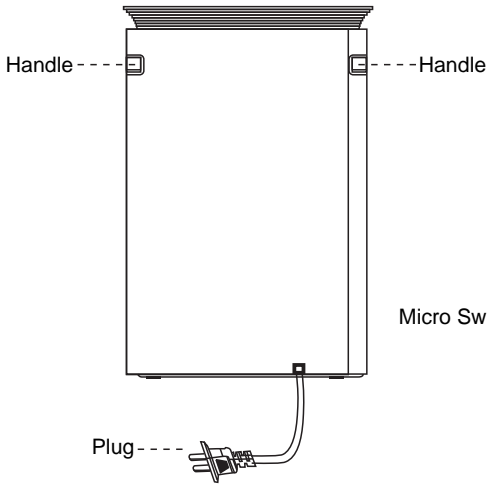


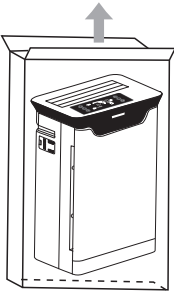
Composite filter
PP cotton, HEPA, Activated carbon,
Photocatalyst, Cold Catalyst

Product Parts Introduction



- 1. Pre-filter
- 2. Composite filter:
 - Photocatalyst
 - Activated Carbon Filter
 - Antibacterial Cotton, Chitin HEPA Filter

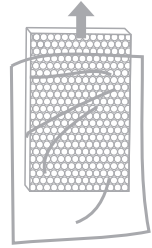




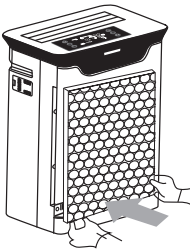
1- Remove the outer package



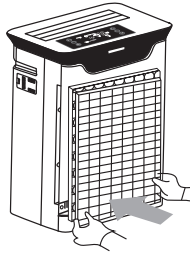
2- Open the front panel



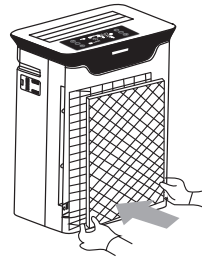
3- Take out the filter and remove the PE bag



4- Install the activated carbon filter



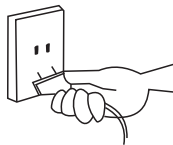
5- Install the Chitin HEPA filter



6- Install the pre-primary filter



7- Place the front panel



8- Connect to 220V AC power

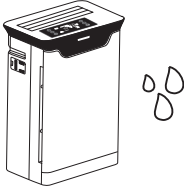


9- Press "On/Off" key to start

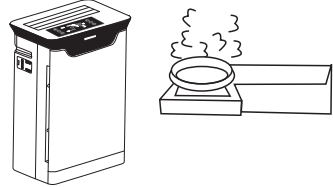
Attentions



Do not use in environments with a high level of temperature or humidity such as bathroom, otherwise it may cause leakage, electric shock, fire and etc.



Do not use in places with fumes (e.g.: kitchen), otherwise, it will cause damage to the machine, and It cannot be used as a ventilation fan.



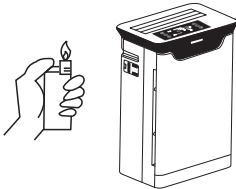
It is prohibited to add water with pollution, irritating smell or chemical additives, to the system.



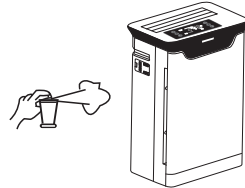
Disable the machine runtime after using insecticides, let the indoor air be fully circulated, otherwise it will accumulate ingredients inside the machine which is harmful for health.



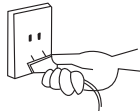
Prohibit contact with flammable material or fire source and etc.



Do not use alcohol or organic solvents otherwise ,the product will be damaged or the fire will be triggered by electric shock.



Make sure to hold on to the plug when unplugging, otherwise the power cord can get damaged, or it may cause a short circuit to start a fire, electric shock, etc.



Used at the same time as a burner. pay attention to ventilation.



In order to purify the air efficiently and quickly, close the doors and windows.

Attention

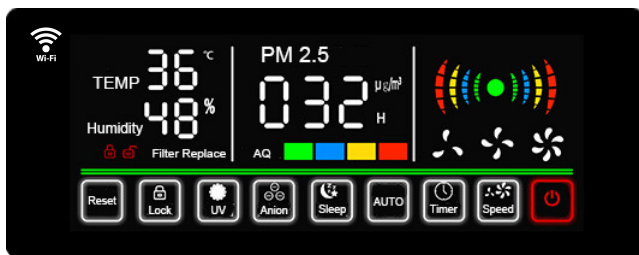
Unplug the power supply as soon as any of the following occurs

- * If any of the switches do not work.
- * If the power supply is short -circuited.
- * If the power cord or the plug is abnormally hot.
- * If there is burning smell or abnormal noise or vibration.
- * If there are any other anomalies or failures.

Note: If the power cord is damaged, in order to avoid danger, the new cord must be made by the manufacturer and replaced by one of our professional staff in our maintenance departments.

On/Off

Press the "on/off" key on the remote control or the machine. When the machine starts to work, the contents icons will be shown on the display.



WIFI

Scan this QR and download the "Tuya Smart" App.
(Refer to page 16)



Speed

The wind speed can be set on three different modes.
The corresponding wind speed icon can be found on the control panel.

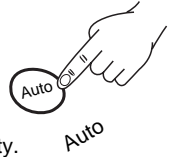


Timer

On 'power-on' status, (NOT on standby or sleep modes),
press the timer key and set up the working time.
When the time is up, the machine automatically shuts down and goes back
to standby mode.
The operating time of the system is 24 hours if the timer is not set.



Auto



When the "Auto" light flickers, the system goes on the intelligent purification mode and automatically cleans up the environment according to the air quality.

When the air quality is medium, the indicator light is yellow, and when it is green, the air is being purified at the lowest wind speed.

When the air quality is poor, the indicator lights show red and the system purifies the air at its highest speed.

Sleep mode



When the "Sleep" light is on, the other lights are off and automatically the system keeps working at its lowest speed.

On the "Sleep" status, the other icons are disabled until the "Sleep" button is touched again and then all the other lights on the screen will be on and ready to function.

In order to cancel the "Sleep" mode, either the "Sleep" icon or the "Auto" icon needs to be touched otherwise, after 5 seconds, the system will enter the "Sleep" mode again.

Negative Ion

Anion In the power-on state, touch the "Anion" key and the on-screen "Anion" light flickering. Anion starts to work, turn off instead



UV

In the power-on status, touch the "Anion" key and the "Anion" light flickers which means anions start to function.



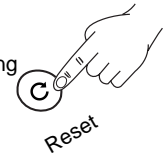
Child lock

In the power-on status, touch the "Child lock" icon for 3 seconds and the "Child lock" light starts flickering. If touched again for 3 seconds, it is unlocked.




Reset

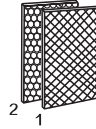
When the system reaches 3000 hours of work, the "Filter" light starts flickering which is the indicator of replacing a new filter. After replacing the filter, press the "Reset" button for 5 seconds and the "Filter" light will disappear.



Filter Replacement

Filter replacement reminder:

Filters  Normally, the filter indicator light is off, when the indicator flashes with a beep sound, the filter needs to be replaced.



Filter installation sequence:

- 1- Pre-primary filter
- 2- Composite filter



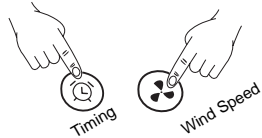
1- Open the front panel



2- Take out the used filter



3- Install new filter in order



Press wind speed button
Press the timing button at the
same time for 5 seconds

4- Filter replacement icon



5- Install back the front panel
finish the replacement

Filters + 8 Stages Purification

The primary filter is placed at the front of the filter site to initially filter pollutants in the environment.

It can remove large particles such as dandruff, hair, dust and so on, and can be cleaned repeatedly to reduce the cost of customer's use.

HEPA

The HEPA filter is made of small organic fibers and has a very good ability to capture particles with small pore size, large adsorption capacity and high purification efficiency.

Effectively filters particulate matter in the air, mainly for the purification of P M 2.5.

It has super strong bacteriostatic and inhibition.

Carbon:

Activated carbon has good adsorption stability and is a good hydrophobic adsorbent.

The comprehensive functions of smell adsorption, deodorization, dehumidification, anti-poison, sterilization, purification and the like can be removed, and the environment pollution in the room can be effectively cleaned.

Antibacterial cotton

It can effectively inhibit the growth and reproduction of bacteria.

Its role involves a combination of prevention and control.

It is made of a kind of polymer (nano-meter grade).

Photocatalyst

The antibacterial and ultraviolet lamps work together to remove some of the bacteria and have high-efficiency and broad-spectrum disinfection performance,

All the pathogens have good inhibition and killing effect.

Air purification, effectively decompose the organic compounds and toxic substances in the air during the decomposition process.

Photocatalyst filtration Layer only provides a reaction site, It does not participate in the reaction itself, so the photocatalyst can be used for long time,

Ultraviolet light is used to destroy the structure of microbial molecular

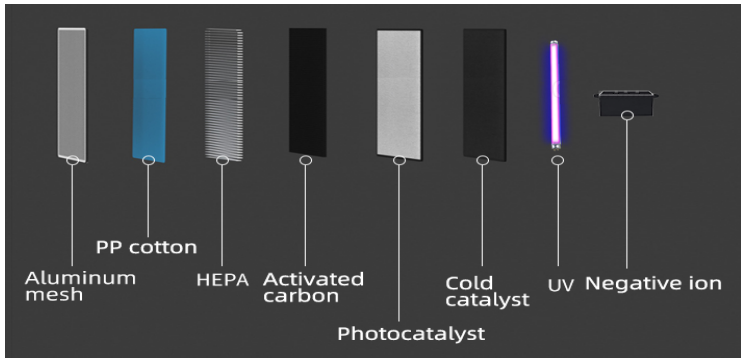
chain to achieve bactericidal purpose and then cooperate with photocatalyst.

It can not only kill harmful bacteria efficiently, but also help to activate catalytic efficiency of photocatalyst using ultraviolet lamp.

The particles with positive charge, such as smoke, dust, floating dust and so on, are easy to adsorb the negative ionization in Nong gas in the second air of the filter layer.

As a result, these particles of dust condense and become large particles that sink down to purify the air, so that the negative ions function well in dealing with germicidal dust. In addition negative ions can promote the synthesis and storage of vitamins, strengthen and activate the human body.

Therefore, the physiological activities of the medical community are also known as vitamins in the air.



Eight Level Purification Theory



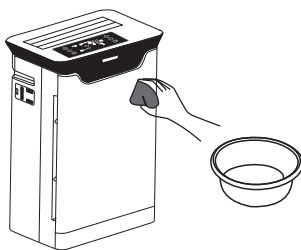
P11 Technical Parameters

Model	RAP-410
Rated voltage	220V
Rated frequency	50Hz
Power rating	80W
Rated noise	35db ~ 55db
CADR	410 m3/hr
Applicable area	4/ACH~1/ACH=40m2~160m2
Net and Gross weight	7.5Kg & 8.5 Kg
Product size	425x220x630mm
Package size	470x255x675mm

Maintenance

Machine:

This machine is equipped with negative ion generator, easy to absorb dust. Please use wet soft cloth with a little clean water containing detergent to wipe the entrance. Use a brush to clean the exit.



Filter

Filter replacement is reminded by the built-in smart program. Each filter can be used for about 1 year in case of 8 hours of power-on mode, per day. If the environment is heavily polluted, the filters need to be replaced sooner. Filters can be purchased at the designated distributors.

UV lamp

The service life of the UV lamp is about 15-20 months. When it needs to be replaced, the power supply must be off, and then UV lamp tube will be turned off. Take it off at 90 degrees and replace it with a new UV light.

Please check the possible corresponding errors (table below), before sending the faulty machine for repair.

Fault	Check the items
The machine does not work	<p>The power cord plug is disconnected from the power outlet:</p> <ul style="list-style-type: none"> ➔ Reset the power cord plug <p>The front panel is covered:</p> <ul style="list-style-type: none"> ➔ Re-cover the front panel, <p>The host is sloped:</p> <ul style="list-style-type: none"> ➔ Place flat.
During automatic operation, air quality indicator shows red or pm2.5 data is increasing	<p>Air quality sensors may be exposed to water vapor, fumes and sprays:</p> <p>Move the machine to another clean environment and test again.</p> <p>Remove the sensor cover and wipe the sensor lens with a clean soft cloth.</p>
It is difficult to get rid of the odor	<p>Check the filters for failure or release of pollutants due to adsorption.</p> <p>Clean the activated carbon filter, for example, after drying.</p> <p>If there is no improvement, please replace the filter</p>
It is difficult to clear the dirt, and works with unusual noise	<p>Check if the chitin HEPA filter is working</p> <ul style="list-style-type: none"> ➔ Clean the pre-primary filter. If the situation does not improve, replace the filters
Indoor air is polluted, but the machine does not work at its highest speed or the indicator light does not show red.	<p>Machine is not placed at a suitable place so it is difficult to remove the pollution.</p> <ul style="list-style-type: none"> ➔ Move the machine to a suitable place. Set the speed at the highest mode, manually.

Q1: Control panel display does not display?

A1: Please check that the power connection is plugged in.

Q2: Filter LED blinking?

A2: It is time to replace the old filters with the new ones.

Q3: Why is the running noise getting louder?

A3: The filter screen has too much dust to clean or replace new filters.

Q4: Why can't I turn it on, but there's a bell?

A4: Check to see if the panel is installed or assembled in place.

Q5: Why is the indoor air pollution concentration high?

A5: Check whether doors and windows are closed,
whether there are sources of pollution release,
if there is, please clear them.

Q6: Why does the air volume get smaller after a certain period of use?

A6: It could be due to being placed in an environment with a high-density of dust
concentration for a long time so the filters reach their usage limit.
Please clean the screen and replace the filters with new ones.

Q7: Can the filter be cleaned?

A7: No. Activated carbon screen
can get sunburnt in the sun.

Q8: How long does a filter last?

A8: In a normal environment, it can last between 6 to 12 months,
In highly polluted environment, they may last only 3 months.

Q9: How do you change the screen?

A9: Contact the dealer to purchase a new filter or
arrange a door-to-door replacement service.

One year warranty

The followings are not covered by our warranty:

- 1- Damages caused by human factors.
- 2- Damages caused by unauthorized repair, assembly and disassembly.
- 3- Normal wear and tear due to use.
- 4- Filter (filter is a consumable part and needs to be purchased).
- 5- Damages caused by failure to properly install and use, in accordance with the operation manual.

Note

In order to protect your rights, please pay attention to the following information:

- 1- Fill out your after-sale service card, completely, correctly and truthfully, at the time of purchase, and have it stamped by the seller.
- 2- Please keep the after-sale service card which has been filled in and stamped by the vendor, safely.
- 3- An effective after-sale service card is the basic guarantee for you to enjoy the right of after-sale services.
(A valid after-sale service card, needs to be filled in properly and the writing ought to be comprehensible and correct, with no mark of modification)

P15 _____ Warranty Terms _____

Air purifier warranty card (user save)

The buyer				Date
Model warranty	Name		The	
	Address			
Sale unit	Name		The	
	Address			
<p>1- From the date of purchase, the warranty period is one years and is free of charge during the warranty period (except for non-insurmountable human causes).</p> <p>2- Vouchers: purchase records, company issued purchase vouchers, invoices are ok.</p> <p>3- During the warranty period, if the machine is faulty, we will send you the spare parts to be replaced for free.</p>				

Scan and Download

A) Download "Tuya Smart" App



B) Add device

- 1) The air Purifier and the mobile phone need to be connected to the same WIFI.
- 2) When the machine is on 'Standby' mode, keep pressing the "Speed" button on the control panel for 5 seconds until the WIFI indicator light flickers.
- 3) Click "Add device" and then choose "air purifier"
- 4) Configuration mode:
Confirm the WIFI indicator light on control panel is flickering.
Click "Finish Network Configuration".
- 5) Choose WIFI
Choose the same WIFI to which the mobile phone is connected.
Enter WIFI password, and click "Confirm".
- 6) Configuration process:
Wait for the configuration to be completed.
- 7) Configuration completed:
Choose "Done" and enter control interface.