

A white, cylindrical air purifier with a perforated lower section. The brand name 'aerbyon' is printed on the upper white section. The lower section is a grid of small rectangular holes. At the bottom of the white section, there are three small icons: a downward arrow, a padlock, and an upward arrow.

aerbyon

Air Purifier

**AP400**

USER  
MANUAL

aerbyon

## Introduction

Thanks for your purchasing our AP400 Air purifier . This User Manual is meant to offer you a brief walkthrough of the device's features and usage protocols. We hope you find this manual helpful. For additional information and technical support, please feel encouraged to contact us.

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### 1. Precautions before use

1. After opening the product packaging, there are three items
  - 1 x AP400 Air Purifier
  - 1 x Power Adaptor
  - 1 x User Manual
2. This product air purifier should only be used indoors and should not be used outdoors.
3. Keep unit in upright position whenever in use.
4. There should be more than 10 cm of space around the machine, and clothing should not be placed at the entrance and exit materials, plastic bags and other debris, so as not to hinder the entry and discharge of air, affecting the effect of purification.
5. Do not spray any liquid or spray on this product or filter.
6. Avoid using AC/DC switching power supplies in wet places.
7. Keep device away from reach of children

## 2. Functions and features

Air purifiers (deep and safe purification): Filters 99.97% of harmful air contaminants including: particulate PM2.5, allergens, dust, pollen, odor, pet dander, cigarettes and other smokes, cooking odors, VOCs and bacteria. 100% Ozone-free, safe operation to improve indoor air quality.

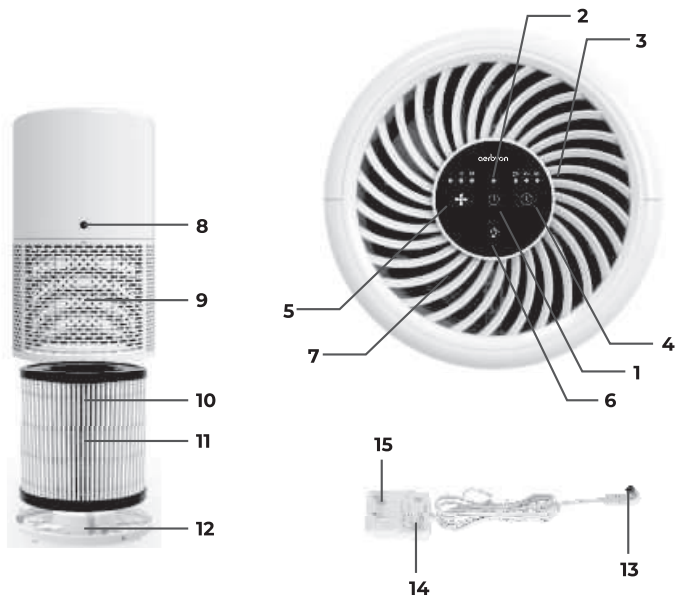
Allergies: Removes allergens from the air including dust, pollen, pet dander, bacteria mold spores. Removes soot and purifies the air. Ideal for human allergies, asthma and indoor pets. Activated carbon filter removes household odors such as cigarette smoke odor and volatile organic compounds, such as paint fumes.

Indoor air circulates more than 2.5 times per hour. Suitable for rooms under 20 square meters, such as bedroom, living room, study, bathroom, cloakroom, yacht and car.

## 3. Technical specifications

Adapted area	Smaller space within 20m <sup>2</sup>
Clean air	Methanol: 3.2 m <sup>3</sup> /h      TVOC: 11.4 m <sup>3</sup> /h
CADR particulate filter value	> 60 m <sup>3</sup> /h
Rated power	12V 0.5A, 6W
Product weight	1.83 lbs / 830 g
Body volume	ø5.7 x 10 inches (H) / ø145 x 252 mm (H)
Smart control	Blue light flashes when filter needs to be replaced
Best working environment	Indoor temperature of more than 15°C, relative humidity of more than 40%

## 4. Parts name



**1.** On/Off button

**2.** Blue indicator light

**3.** LED light (under key)

**4.** Timer button

**5.** Fan button

**6.** Decorative lamp button

**7.** Air outlet

**8.** DC Power socket

**9.** Wind inlet

**10.** Activated carbon

**11.** HEPA filter

**12.** Bottom cover

**13.** DC power jack

**14.** Power supply

**15.** AC power jack

## 5. Filter decomposition diagram



## 6. How to operate



**[Figure 1]**



**[Figure 2]**



**[Figure 3]**

1. First connect the DC plug (13) of the switched power supply to the dc socket (8) of the machine, Then connect the AC plug (15) to a power outlet of 100 to 240V/50-60Hz.
2. Press the power button (1) lightly. While the machine begins working, the blue running indicator light (2) and decorative light (3) will be ON at the same time, and the fans will run at low speed by default. The timer is always running, and the air flow will be discharged from the air outlet (7). **[Figure 1]**

3. After power on, the fan defaults to low speed, press the fan button (5) once for medium speed, press again for high speed, press again for low speed. There is a corresponding light to indicate the speed as well.
4. After booting, the time runs by default. Press the timer button (4) for 2 hours customization, 2 times for 4 hours, 3 times for 8 hours, 4 times for 10 hours, 5 times for 12 hours customization, and the corresponding indicator lights up. Press the button again and the indicator light will go out and it will return to running all the time.
5. After power on, the decorative light is on by default. If you need to turn it off, press the decorative light button (6), press it off **[Figure 2]**, and press it again to turn it on. When shutting down, please lightly press the power button (1) The machine will stop working. Please unplug the AC power plug (13, 15) when it is not used for a long time.
6. This machine is equipped with a filter screen accumulative running timing function. When the accumulative work of the whole machine reaches the theoretical value of 3 months, the running indicator (1) under the power-on state will be flashing blue, prompting the user to replace the filter element. At this time, press and hold the power button for 5 seconds or turn off the filter element switch in the power-on state, and it will flash clearly.
7. Please turn off the machine before replacing the filter, unscrew the knob from the bottom of the machine, open the bottom cover (12), take out the filter (11), put the new filter back to the correct position in the machine, and screw on the bottom cover. **[Figure 3]**
8. If you need to continue purification, just restart the machine.

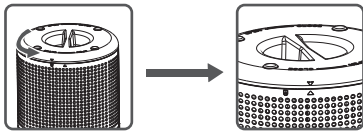
## 7. Cleaning, maintenance, and filter replacement

### Daily cleaning and maintenance

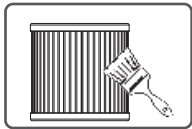
1. Make sure that the power cord is disconnected while the appliance is cleaned and maintained.
2. Wipe the fuselage with a soft cloth that is moderately moist and clean. Then dry with a dry cloth. Please do not place water on the machine directly. Keep the machine dry during cleaning to avoid causing electricity source failure.
3. The filter must be replaced at least every 4 to 6 months.
4. Use a brush to clean the inside of the machine.
5. If not in use for a long time, store the machine in a dry and ventilated place.

### Cleaning and replacing filters

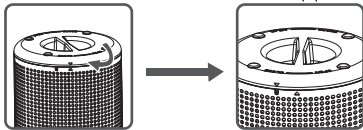
1. Turn the bottom knob of the appliance, open the bottom cover and remove the filter.



2. Clean the surface of the filter with a dry brush or vacuum cleaner.



3. Place the clean filter in the appliance and screw the bottom cover.



## 8. Common faults and troubleshooting methods

If the machine fails, please perform the following self-inspection before contacting the dealer or service department.

Check out the following possibilities:

Failure Phenomenon	Cause Analysis	Solution
This machine is not running	Power off	Turn on the power switch
	Power plug released	Plug in the power plug
	The filter is not in place	Put the filter in
The light flashes	The filter needs to be replaced	Replace the filter

For more information, please visit us at  
[aerbyon.com](http://aerbyon.com)



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Air Purifier  
**AP400**

