

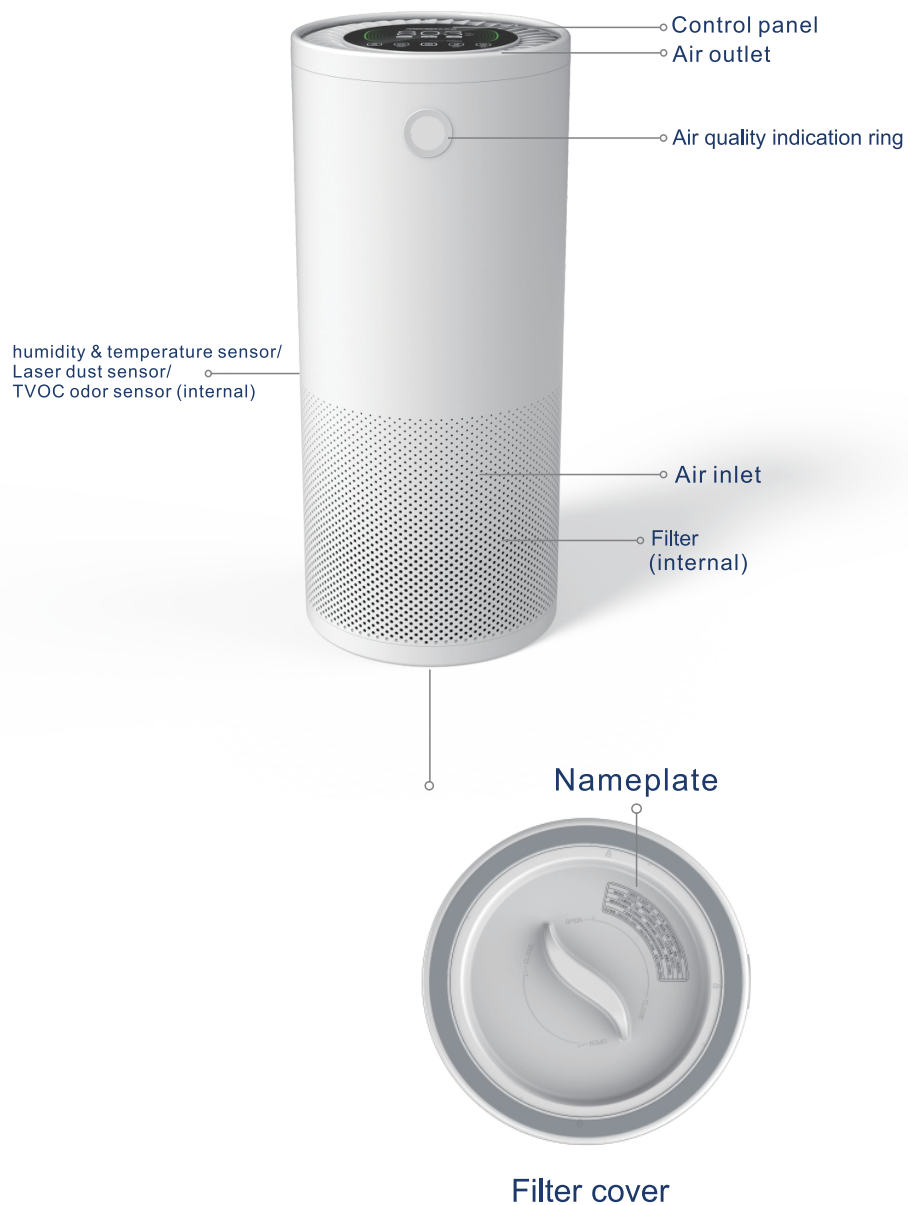
lufthero

LH600-PC - User manual



Read the instructions before start-up.
Keep for future reference.

Brief introduction



Cautions

Moving

- Moving: be sure to stop the air purifier and remove the power plug from the electrical outlet when performing the move;

Installation

- The air purifier cannot work if the filter cover plate is not installed correctly;
- The air inlet should be always kept more than 20 cm from obstacles to airflow, such as walls.

AC power cord

- Do not excessively twist, pinch, bend or turn back the power cord, or the wire core will be exposed to the air or broken off;
- Do not drag or pull the power cord when unplugging;
- Do not use AC socket that is not compatible with;
- Do not use the provided power cord in other devices;

In use

- Please immediately stop the air purifier if you experience anything unusual such as abnormal sounds, strange smells, high-temperature, and fan's irregular rotation;
- Do not put your finger or any object into the air inlet and outlet;
- Do not place hair, fabric, etc. close to the air purifier in case they are sucked into the machine or block the air inlet and outlet;
- Do not sit on, stand by or tilt the air purifier;
- Open the ventilation system when using with another combustion appliance in order to prevent carbon monoxide poisoning.

Specifications

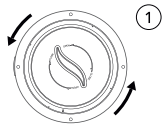
Model: LH600-PC	Rated voltage: 220V/AC	Rated frequency: 50Hz
Input power: 85W	Main material: cold-rolled steel	Dimensions: H806*D300mm
Sensors: laser dust sensor/ humidity & temperature sensor/ TVOC odor sensor		
Net weight: 11 KG	Fan: DC brushless motor by Nidec	
Standby-mode power consumption: ≤2W	Noise level: ≤66dB (A)	
Indication: LED indicators and figures		Control methods: touch, APP and remote control

Parameters

CADR for particulate: 600m ³ /h	CADR for formaldehyde: 200m ³ /h
Sterilization rate: 99.9%	Effective Coverage Area: 72 m ² max
Wind speed settings: 1-2-3-4	Timer-off settings: 1-8 hours
Pollution-level indication: numerical value; light strips	


Cleaning & Maintenance

① Turn the bottom cover anti-clockwise to access the filters.

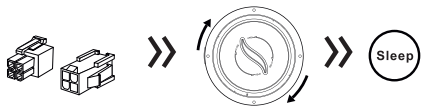


② Disconnect the UVC Bulb wire and then remove the HEPA and Carbon filter. **Please remove the UVC bulb before replacing the filter.**

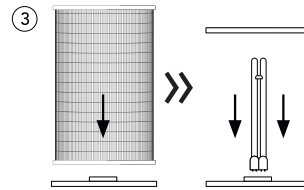
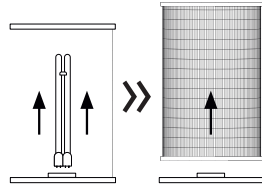
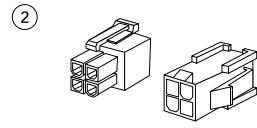
③ Re-connect UVC bulb to the new HEPA filter cartridge and then insert into the unit.

④ Re-connect UVC Bulb wire then put the cover back in place and turn clockwise to lock. Press the sleep button  for three seconds.

④



Re-connect UVC Bulb wire Turn cover clockwise to lock Sleep mode (3 seconds)



Please use regular PPE when changing the filters and dispose in clinical waste.


Changing the UVC Bulb

 Please use regular PPE when changing the UVC Bulb and dispose correctly.

① Turn the bottom cover anti-clockwise to access the filters.

② Disconnect the UVC Bulb and then remove the filters.

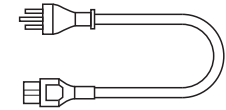
③ Remove the UVC bulb by gently pulling away from the cartridge base. Insert new bulb by inserting into the empty slots.

④ Put the cover back in place and turn clockwise to lock. Press the sleep button  for three seconds.

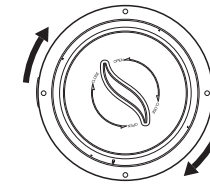
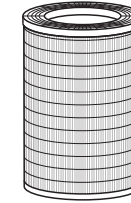
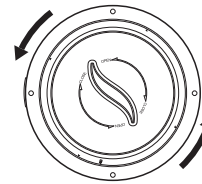
Installation

1 Take out the power cord

Unpack the product, and take out the power cord.



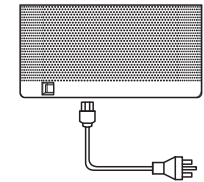
2 Filter installation



Product upside down on the ground, the bottom cover counterclockwise, remove the filter. Open mesh bags, change into the new mesh; Put away the bottom cover and clockwise rotation. Press the sleep button for 3 seconds to complete the replacement of the filter.

3 Turn on the power

Connect the power cord at the bottom of the host power supply interface, and then plugged into a power supply.



Filter

Prefilter

Consisting of antibacterial fiber mesh and sterilizing nonwoven fabric, in the shape of a cylinder, which is able to capture and filter large particles such as dust, hair and dander from the air in 360 degrees.

Highly effective Activated carbon layer

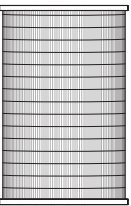
Use of a honeycomb catalyzing active carbon fiber extracted from vegetable matter. This effectively removes harmful substances such as formaldehyde, benzene, xylene and TVOC from the air.

Antimicrobial HEPA peptide filter

Use high-density antimicrobial HEPA peptide filter to remove airborne particles such as pollen, dust mites and fibers, are focused on cleaning PM2.5 (fine dust with a mean aerodynamic diameter of 2.5 μm) according to national standards and work hard to prevent secondary pollution.

Novel titanium dioxide - Photocatalysis filter

Due to the titanium dioxide - photocatalysis filter in combination with the UV lamp, a very strong chemical reaction occurs on the surface, which is harmless to humans. This special nano-coating kills and eliminates viruses and bacteria. In addition, the organic decomposition triggered by the irradiation, a self-cleaning process (lotus effect) on the grid surface.



Display Introduction



Start Button: When the air purifier is powered up, the “Start button” turns red, and enters the standby mode; press the button to start the machine; the standby-mode power consumption is less than 2W; separate the machine from its source of power to shut it down completely (Note: in the smart mode, anion function runs automatically, and sensor begins to inspect the machine).

Smart Button: When started, the air purifier works in the smart mode by default, and then automatically switches wind speed to a proper one in accordance with the air quality at that time. Press other buttons (Sleep and Wind Speed) to change it into the manual mode, and the Smart button stops working.

WiFi: When start the air purifier for the first time, press Smart button for 3 seconds, and the icon “ WiFi ” on the control panel flashes; the machine can be controlled via mobile phone through application. Download the application “TuyaSmart” of Tuya from the application platform in mobile phone.

Wind Speed Button: Press the Wind Speed button on the control panel or relevant buttons on the remote controller to set the wind speed at Level 1, Level 2, Level 3 and Top Speed and back to Level 1 in circles, and when a certain speed is chosen, the corresponding indicator light will be turned on.

Sleep Mode: Press the Sleep button on the control panel or relevant button on the remote controller, and then the air purifier enters the Sleep mode; electric motor runs at the slowest speed; press other buttons (except Start button) to exit the Sleep mode, and the machine goes back to the status before entering the Sleep mode.

Users' Guide

Filter replacement alert/instructions:

When started, the air purifier will automatically calculate how long the filter can be used according to the machine's running conditions and internally stored algorithm, and light strips on the control panel will flash all the time if the filter needs to be replaced. Start the air purifier when the filter is replaced, and press the Sleep button for 3 seconds to stop the flash of the light strips; the corresponding indicator light will be turned off, and the time memory will be cleared up; now the replacement of the filter is completed successfully.

Timer Setting: When started, the air purifier shows the current PM 2.5 conditions on its control panel automatically; press the Timer button, and then the control panel shows a string of numbers “0-1-2-3-4-5-6-7-8-0”; when choose the number “0”, the air purifier exits the Timer mode, and the Timer button light goes off; when the timing length has been chosen, if no other operations are carried out or no other buttons are pressed within 10 seconds, the air purifier will switch to the mode automatically.

Child Lock: Press the Timer button on the control panel for 3 seconds, and the red light turns on, which means the air purifier runs in the mode; press the button for 3 seconds again, and the red light turns off, which means the machine exits the mode and other buttons are unlocked.

Falling-down prevention: When the air purifier tilts at a 90 degree angle or over, the machine will be powered off automatically; when put into its correct upright position, the machine enters the standby mode by default; press the Start button to see if the machine enters the Smart mode, and if so, it is confirmed that the machine can be used safely.

Remote control: Aim at machine with infrared remote control. You can control remotely the machine run within the effective range 6 meters and 45° .

