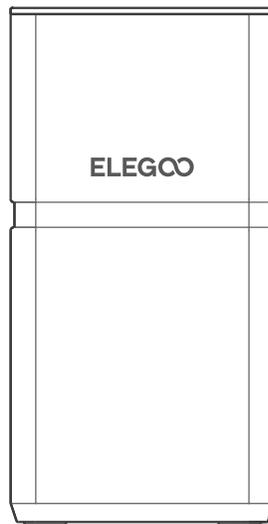


ELEGOO

MARS MATE

Air Purifier

User Manual



Thank you for purchasing ELEGOO brand products.

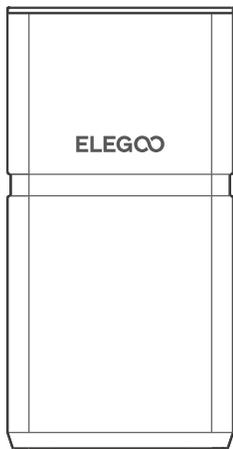
After receiving the product, please confirm whether the equipment is intact and the accessories are complete. If there is any damage or missing, please timely contact us at 3dp@elegoo.com. (To ensure the performance of each product, each product will undergo strict testing before leaving the factory. There may be some slight scratches when you receive the product, which is normal, please rest assured to use.)

ELEGOO

Notice:

- Do not block the air inlet/outlet.
- Do not rinse the composite filter with water.
- Do not unplug/plug the power plug when your hands are wet.
- Regularly remove the dust on the air purifier and power plug.
- Only the supplied power adapter and matched special filter element can be used.
- Do not use the air purifier in places with heavy humidity or oily fumes, such as bathrooms.
- Please be careful when cleaning the air purifier, strong corrosive cleaning agents can damage the air purifier's surface.
- When using the air purifier, do not place it near or on objects with a heat source (such as a fireplace, heater, or a place where it may be exposed to flammable gases).
- Unplug the power cord from the electrical outlet when cleaning the air purifier or not in use. Otherwise, it may result in electric shock due to poor insulation or fire due to a short circuit.
- This air purifier is not suitable for operation by the disabled, sensory impaired, mentally impaired, or children. Exceptions are made if a person liable for safety is present to supervise and provide guidance to assist in the operation of this machine.

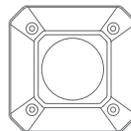
Packing List



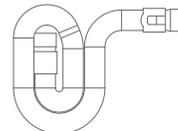
MARS MATE Air Purifier



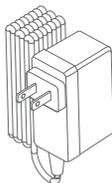
Composite Filter
(already installed in the machine)



Connector Seat



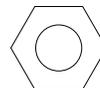
Connector Hose



Adapter



User Manual



Nuts (4 pcs)



Screws (4 pcs)



Allen wrench



Open end wrench

Machine Parameters

Machine Name: MARS MATE Air Purifier

Machine Model: AP01

Rated Voltage: 100-240V 50/60Hz

Rated Power: 12V 0.5A

Noise: 35dB

Net Weight: 5.2kg

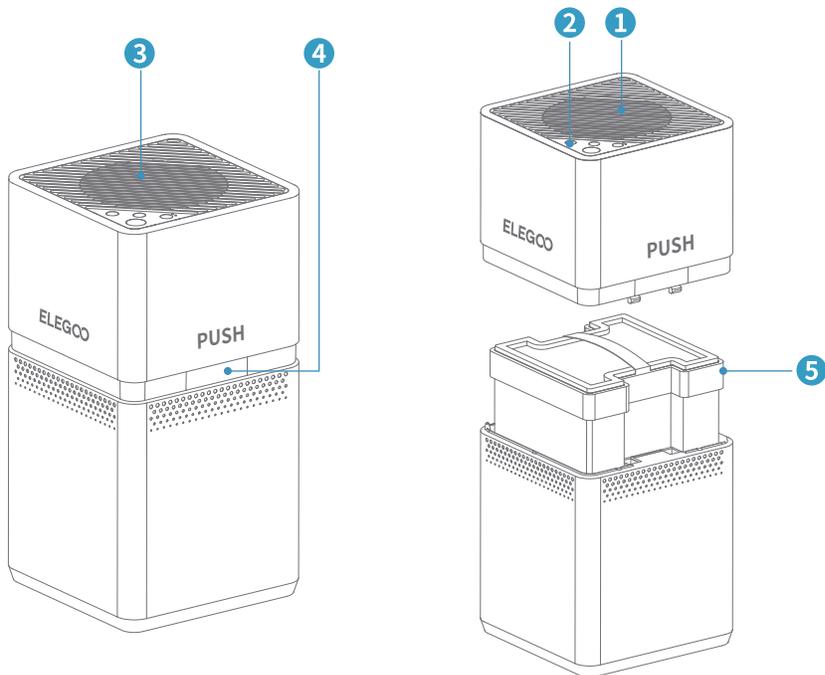
Gross Weight: 7.0kg

Product Size: 210x247x410mm

Package Size: 479x281x324mm

Working Environment: Temperature: 14 F-104 F (-10°C-40°C); Humidity: ≤95%RH

Machine Introduction



- ① Air Outlet ② Touch Control Button ③ Host ④ Open Lid Button ⑤ Composite Filter

Operating Instructions

On/Off Button

Short press the "on/off button" to turn on the machine, and long press the "on/off button" for 3 seconds to turn off the machine; the icon for the power on status will light up in white, and the icon for power off state will light up in red.

Fan Speed Button

Short press the "fan speed button" to turn on the low fan speed, and the fan speed icon will change from semi-bright to full bright, and the first indicator light on the left will light up (transparent white light). Short press the "fan speed button" again to switch to the high fan speed, and the two indicator lights will light up at the same time; Short press to switch between high and low fan speed.

Auto Button

Short press the "auto button" to enter the automatic mode, and the auto icon will change from semi-bright to full bright. With 1 hour as the unit, the fan speed switch between high and low gear; run at high speed (10 minutes), and run at low speed (50 minutes); the high and low speeds are cycled by duration.

Filter Reset Button

1. When the sensor detects VOC concentration $\geq 1.4\text{PPM}$, the air quality light is red, and the red light of the filter icon flashes, prompting the user to replace the filter element. Long press the "filter reset button" for 3 seconds to reset the filter, and the red light of the filter button icon stops flashing and goes out. The life time of the filter is greater than 1440 hours, or the VOC concentration is greater than 1.4PPM, whichever is the priority will be the filter replacement alarm standard.

Operating Instructions

2. Forced reset the filter life, within the 30s of power-on, in standby mode, long touch the "auto button" for 3 seconds + short touch the "filter reset button" for 3 times to enter the filter life reset, and after sending a "ding" sound, the red indicator light of the filter flashes about 5 times, frequency: 0.5 seconds/time, indicating that the forced reset action is completed. When the machine is powered on again after power off, the white light of the filter indicator light will be half lit.

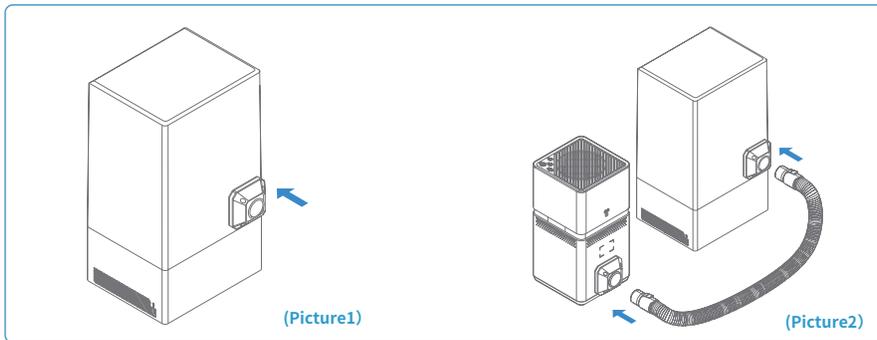
AQI Air Quality Indicator Light Description

| VOC concentration value | Air quality | AQI air quality indicator light |
|-------------------------|-------------|---------------------------------|
| <0.7PPM | excellent | green |
| 0.7PPM-1.4PPM | moderate | yellow |
| ≥1.4PPM | poor | red |

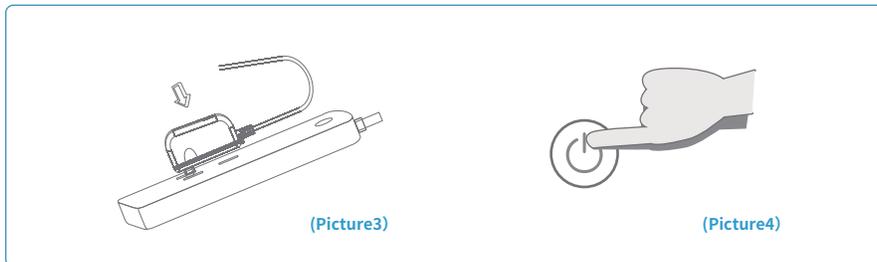
Instructions for Use

Start using

1. Take out the connector hose and connect it to the extension port of the 3D printer. (Screws and wrenches are in the accessories package) (See Picture 1)
2. Remove the connector hose and connect it to the air purifier and the 3D printer. (See Picture 2)

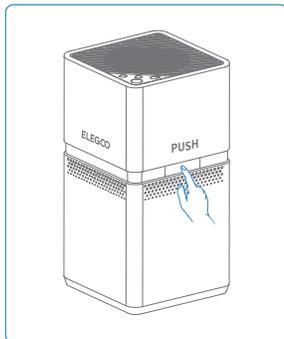


3. Plug in the adapter to power on the machine, and the buzzer will make a "ding" sound. (See Picture 3)
4. Touch the power switch button to turn on the machine. (See Picture 4)

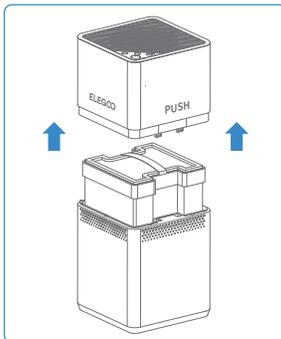


Filter Replacement

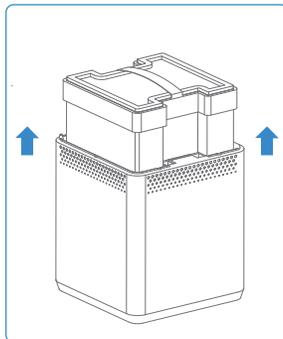
Note: Before use, please ensure that the plastic protective bag outside the filter cartridge is removed and installed correctly.



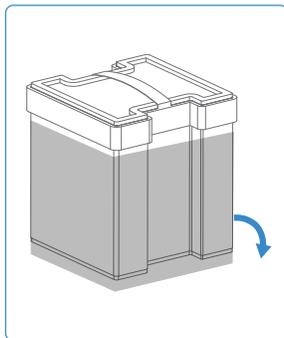
1 Press the button lightly with your hand according to the labeled button on the product.



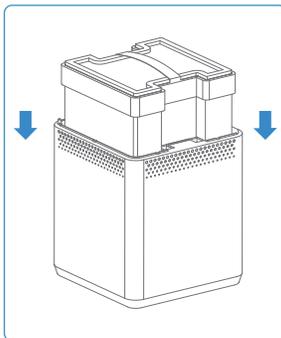
2 Lift up the upper part of the machine.



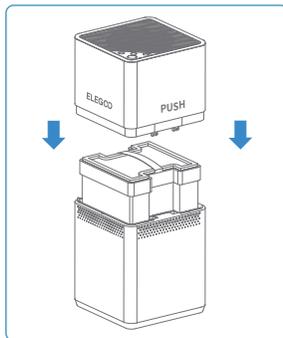
3 Take out the filter in the machine.



4 Remove the plastic protective bag from the filter.



5 Reinstall the filter into the machine with the protective bag removed.



6 Reinstall the upper part of the machine.

Cleaning and Maintenance

Before maintenance, the power cord must be unplugged from the power socket.

1. Clean the Machine Body

- 1) Use a soft rag to erase stains.
- 2) For stubborn stains that are not easy to wipe off, you can use a soft cloth dipped in an appropriate amount of neutral detergent.

Note: During maintenance, avoid scratching the machine shell by using hard objects. When disassembling the machine, please follow the user instructions to avoid damaging the machine component.

2. Clean and Replace the Filter

- 1) The filter replacement is reminded by the built-in program. It can be replaced according to the machine filter element life prompt, or select the forced filter life reset function to replace the filter in real-time.
- 2) When the surface of the composite filter element is dusty, you can clean the surface dust with a vacuum cleaner to prolong the service life of the filter (recommend cleaning it once a month, do not wash it).

Note:1. Depending on the environment in which the machine is used, the life of the filter may vary. For example, the life of the filter will be shortened in smoking places and environments with pets. Please replace the filter in time when the purification effect is not good.

2. Please dispose of used waste filters according to the relevant regulations of solid waste.

FAQ

1. The product does not work normally

- 1) There is a connection problem, please check whether the plug is inserted into the socket and whether the "on/off" button is turned on.
- 2) The filter cover is not properly installed, please reinstall the filter cover.

2. Fresh air cannot come out smoothly from the outlet

- 1) The plastic packaging of the new filter has not been removed, please remove the plastic packaging first.
- 2) The outlet of the air purifier is blocked by a foreign matter, please clean up the foreign matter.

3. The machine runs with an abnormal sound

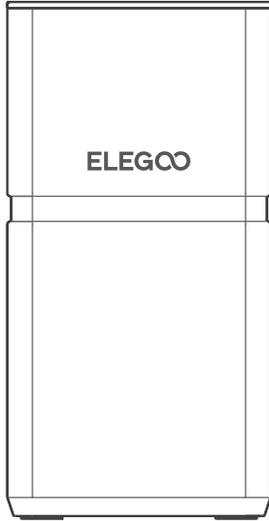
- 1) The air inlet or outlet is blocked by external objects, please remove the blocking objects.
- 2) The foreign matter falls into the machine air duct, please remove the foreign matter.

Warranty Statement

1. From the date of purchase, ELEGOO equipment enjoys a 1-year free warranty service, except for the composite filter.
2. During the warranty period, the company is responsible for free repair for performance and functional failures that occur under normal use, and replace it if the machine cannot be repaired.

For a paid repair if the malfunction occurs due to the following reasons:

- 1) Poor performance and machine malfunctions occur after the warranty period has expired.
- 2) Machine malfunctions caused by consumers' intentional or negligent actions.
- 3) Machine malfunctions caused by self-repair at a sales service center or agent not designated by ELEGOO.
- 4) Machine malfunctions caused by non-compliance with the power supply used or poor quality of the power socket (nothing to do with the warranty period).
- 5) Product malfunction or defects caused by natural disasters.



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