

Monport Air Purifier User manual



Product Profile

Smoke purification and filtration system is equipped with changeably single and double station and a three-layer filter device of primary, medium, and main efficiency filters. The main efficiency filter consists of activated carbon high-efficiency filtration and gas filtration. Mass cushion-type primary efficiency filter can effectively filter larger particles in the dust, prolonging the service life of the main efficiency filter.

The smoke purification and filtration system can effectively absorb and filter the smoke or dust produced in the process like welding, laser marking, engraving. Simultaneously, it exerts the same effect on **99.97%** of harmful gases and dust (such as hydrocarbons, hydrogen compounds, etc.) to prevent the environment from being polluted.

Product Features

1. Good-looking appearance, lightweight model, convenient to install, and excel at purifying air.
2. Excellent design with triple filtration ensures that harmful substances in the smoke are completely filtered out, which helps keep users safe. The primary, medium, and main efficiency filters can be replaced separately, increasing the use time of the main efficiency filter. (Specific standards of the filter system change with the model design.)
3. The filter system is crafted delicately and strictly. A metal frame is adopted to protect the filter element and prevent the filter system from being damaged effectively while moving the machine.
4. The built-in circulating air filtration avoids cool or warm air from being discharged to the outdoors, in a genuine sense, complying with environmental standards.
5. High-power brushless DC generator, designed with eddy current wind wheel, large suction air quantity, and long service life.
6. Changeably single and double station, large air amount and flexible in locating.
7. The handle on one side can withstand a gravity of 30kg, with features of anti-static and anti-scald. All designs aim to ensure the safety of the machine and the users.

Product Parameter

Voltage	110V
Power	120W
Air flow	5.5m ³ /min
Speed	2600r/min
Filtration efficiency	99.97%
Static pressure	1000Pa
Noise	< 60dB
Size	255x460x420mm
Weight	15.6KG

Packing units:

Product name	Note
Main engine	1
Power cord	1
Instruction manual	1
Aluminum foil suction pipe	1

Instructions:

1. Open the cover of the main engine, correctly install the primary, medium, and main efficiency filters; then close the top cover and buckle it.
2. Install the aluminum suction pipe and adjust it in the right direction.
3. Connect it to the power cord and check whether the power plug stays stable and firm.
4. Turn on the power switch on the case to check whether the power light is red.
If the red light is displayed, it means that the power is on and the smoke purification system can start working; if the red light remains off, please check whether the power cord and the power interface are properly connected.

Maintenance and Replacement of the Filters:

- 1.Regularly clean the aluminum foil suction pipe.
- 2.Primary efficiency filter can be replaced as often as needed.
- 3.When the adsorbing ability decreases, please check if the aluminum foil suction pipe needs to be cleaned. If the adsorption is running low after cleaning, please replace the main filter.

Primary efficiency filter	Service life: 5-30 days
Activated carbon medium efficiency filter	Service life: 1 - 2 months
Activated carbon high-efficiency filter	Service life: 1 - 3 months

Contact Info

Thank you for choosing this product to upgrade your machine!Welcome to join in the official Facebook group or visit our Monport website at www.monportlaser.com for more information! If you need any after-sale support, please do not hesitate to contact customer service with your order number at helpsupport@monportlaser.com or visit <https://app.helpdesk.com/tickets>.Our teams will respond within 12 hours to make things right. Thank you and we hope you will choose us again for all your laser needs.