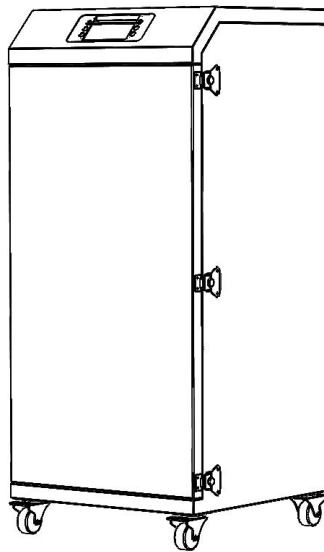


AIRCARE 100TF Fume Extractor

Instruction Manual



Thank you for purchasing our products. Please keep the instruction manual properly for future reference.

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1. Safety Instructions



CAUTION

- During the installation and use of this product, all electrical safety regulations of the country and regions must be strictly observed.
- The power supply must be disconnected when disassembling the product. Do not operate with power on.
- If the product does not work properly, please contact the supplier or our company, and do not disassemble or change the product in any way. We are not responsible for any problems caused by unauthorized maintenance or modification.



WARNING

- It is forbidden to use in places with fire.
- It is forbidden to use in places with high heat, sparks and other smoke.
- Do not use the extractor to absorb flammable or explosive gases.
- When in use, the extractor must be placed upright. Do not put it on the side or upside down.
- When in use, ensure that the air inlet and outlet are unblocked.
- If the extractor will not be used for a long time, please unplug the power cord.

2. Overview

This fume extractor adopts four types of filters , including organ filter bag, middle filter, High efficiency filter and activated carbon filter. It is especially suitable for tin soldering, laser soldering, laser marking and other occasions where fume filtering is required.

3. Product Characteristics

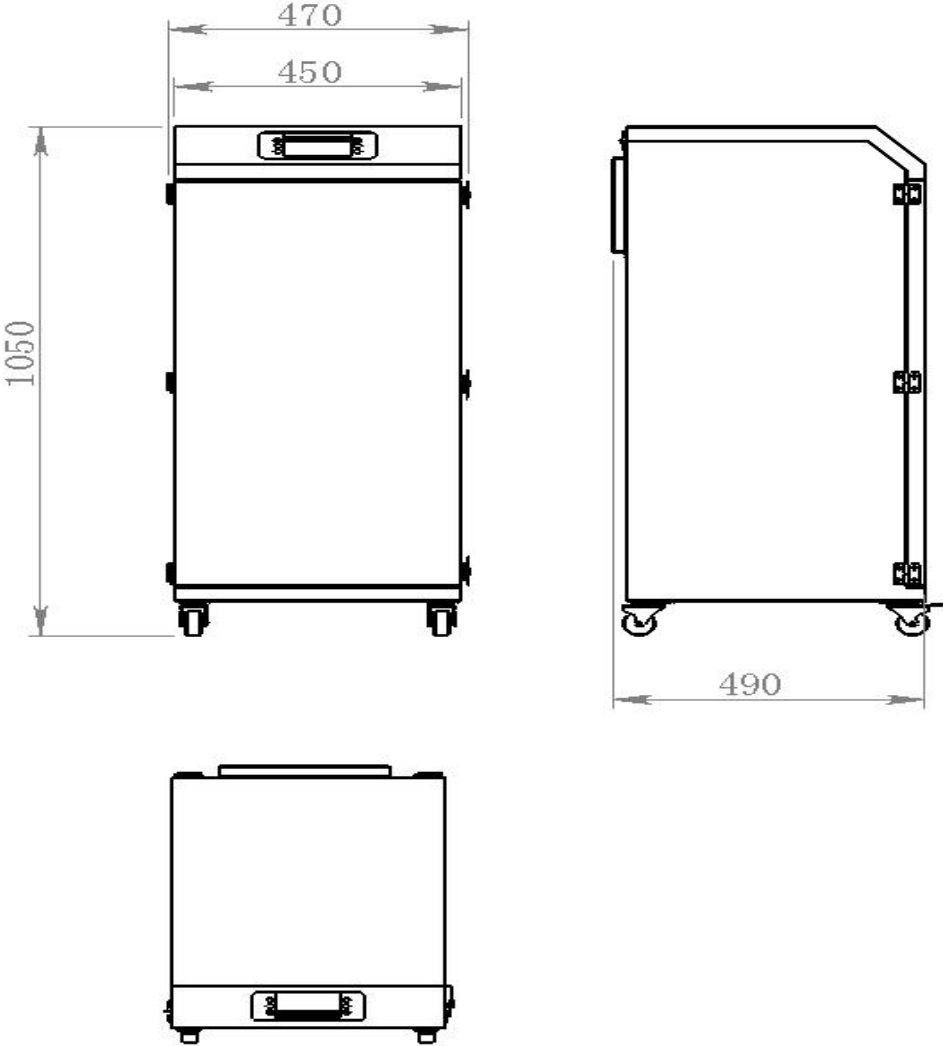
- The product has large flow, strong suction which can be used for reflow furnace, wave soldering, laser marking, PCB cutting and other large equipment to provide air purification
- Select indoor or outdoor exhaust air based on application scenarios.
- The product is equipped with large capacity dust collection bag which can accommodate more dust, with the bottom air intake design can achieve a longer consumable replacement cycle, also optional flame retardant material dust collection bag, used in high temperature environment.
- Split type four layer filters, according to different applications with special filter.
- Automatically supports smart filter replacement reminders to eliminate waste.
- Equipped with universal pulley for easy movement.
- The side door is designed to facilitate the replacement of filters.

4. Product Specifications

Product Model	AIRCATE 100TF
Input Voltage	AC 220V
Power	750 W
System Airflow (with filter)	950m ³ /h
Stationary Pressure	3600Pa
Noise	≤ 70 dB
Dimension (W*D*H)	1050*490*470mm
Weight	About 54 kg

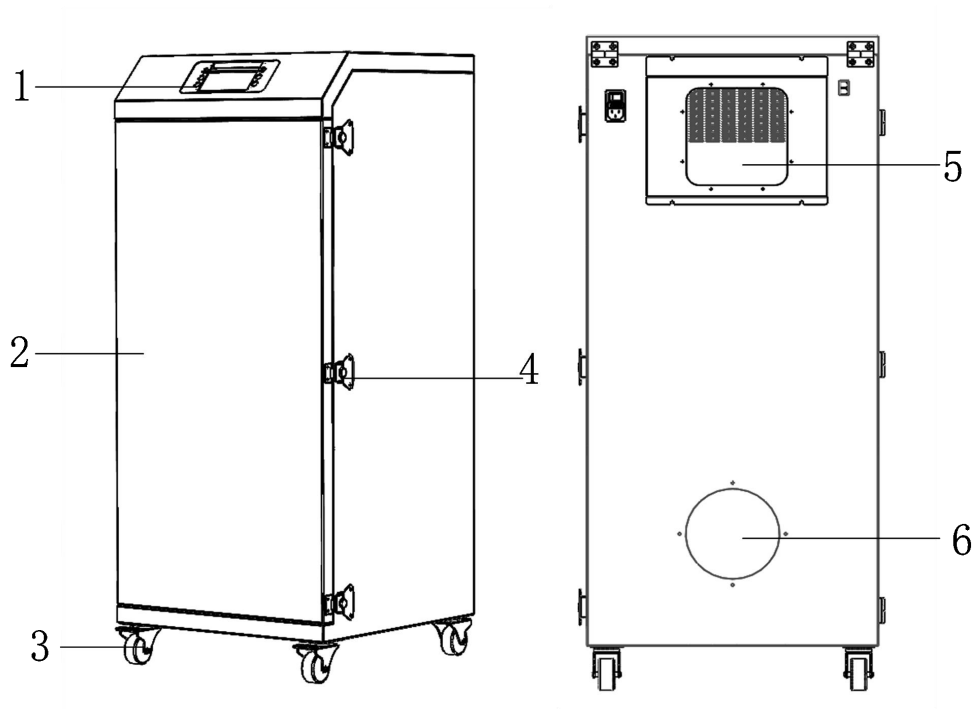
5. Product Specifications

5. 1. Dimensions



Unit: mm



5. 2. Part Descriptions



NO.	Part Descriptions
1	Liquid crystal display
2	Front panel
3	Universal wheel
4	Hasp
5	Exhaust outlet
6	Air inlet







5. 3. Function Descriptions of the Main Interface



Symbol	Descriptions
520M ³ /h	Flow display
	Key lock on
2112 rpm	Speed display
	Timing time 1 to 12 Click to select time
Gear	Flow level display

5. 4. Key Descriptions



Icon	Descriptions
	Power
	Timing
	Filter
	Air volume+
	Lock
	Air volume-

6. Connection

- 1) Fix the smoking pipe of the air inlet and outlet, and connect the power socket.
- 2) Turn on the power switch on the back of the machine, and the machine starts to work.

7. Menu Settings

7. 1. Air volume adjustment

Click the  key and the  key to change the air volume value.

7. 2. Timing

Click the Timing key to set the timing, the timing range is 01~12h.

7. 3. Clock

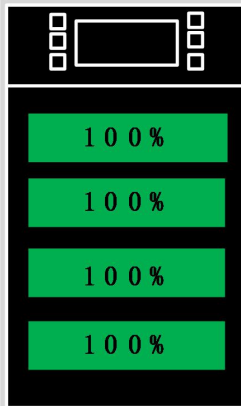
Click the Lock key to lock the key; press and hold for 2 seconds to unlock.

7. 4. Filter

When the red icon appears on the main interface, it means that the filter alarms and the filter needs to be replaced.

After pressing the Filter button, there will be instructions for replacing the filter (as shown in the figure below), just follow the instructions.

Filter Instructions



(1) Before changing the filter element.

(2) Please ensure that the machine is shut down.

(3) Press wind +, wind- to select the replaced filter element.

(4) Longtime press the Mode key to reset the filter element.

8. Filter Replacement and Cleaning Maintenance

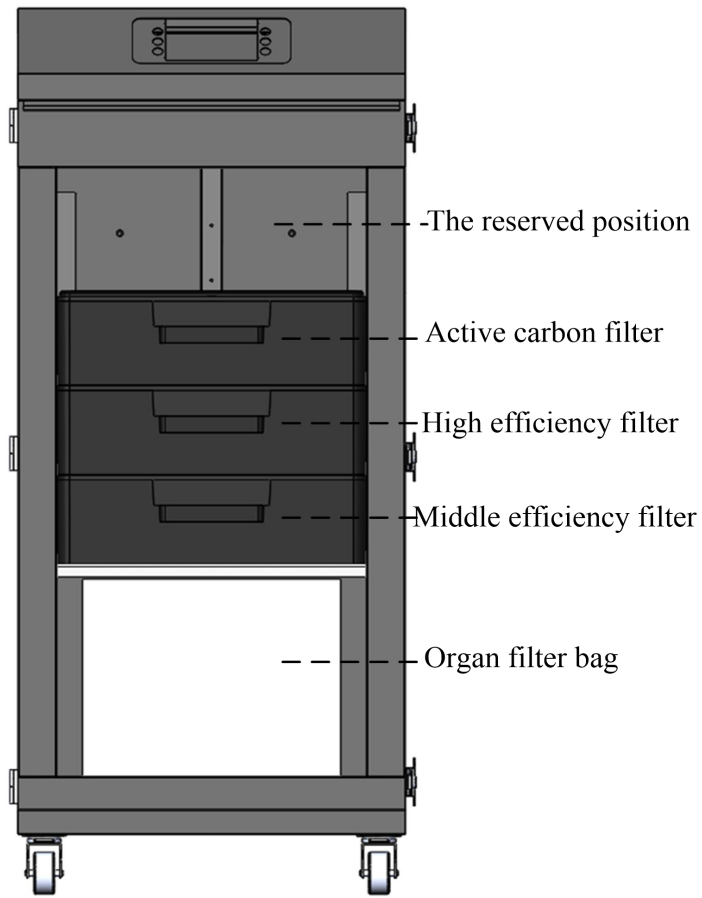
8. 1. Filter replacement

1) Air ducts and smoking ports need to be cleaned regularly.

2) When replacing the /high-efficiency filter, activated carbon filter and dust filter bag, the power switch should be turned off first.

Open the front cover, pull out the drawer filter, and replace it accordingly (see the figure below).

3) After replacing the new filter, the filter needs to be reset. Reset method (see 7.4 Filter section for details).



8. 2. Cleaning and maintenance

Designation	Replace the cleaning cycle
Fire net	It is recommended to clean with a high pressure air gun or a brush every week.
Organ filter bag	1 week to 2 months
Middle filter	2 to 4 months
High efficiency filter	3to 6 months
Activated carbon filter	3to 6 months

