

WeCreat

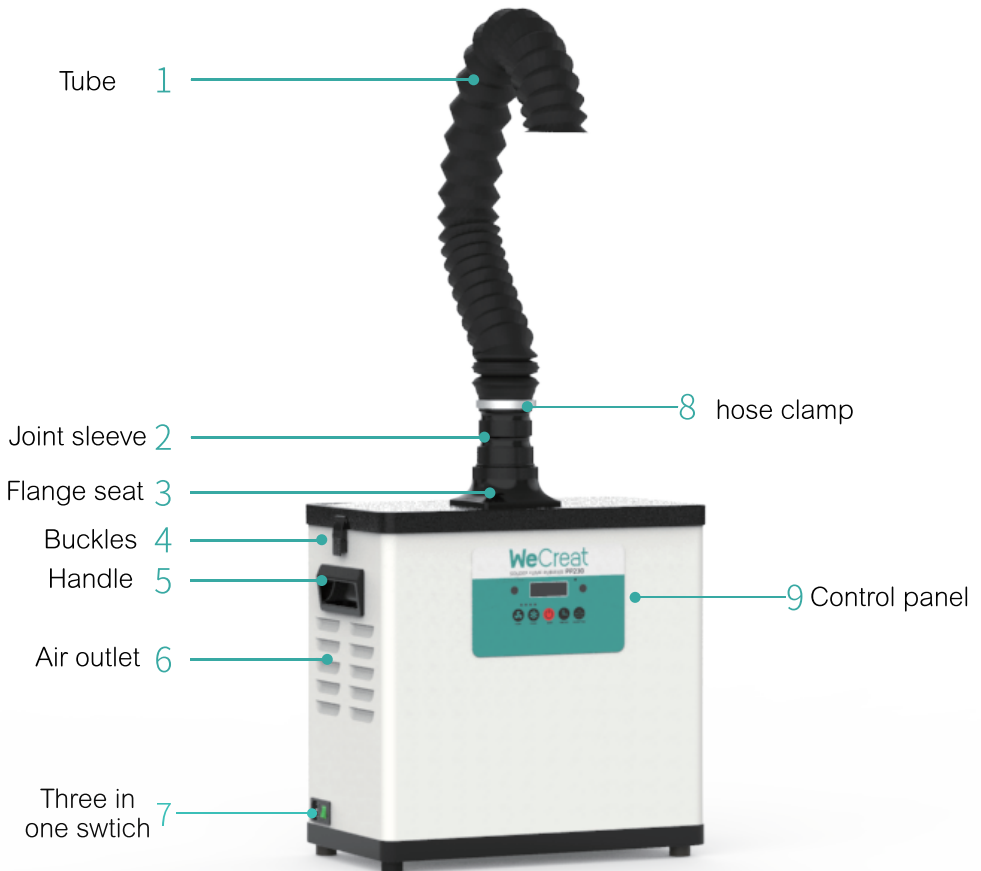


SMOKE PURIFIER USER MANUAL



Product Preview

This product is suitable for all places where there is smoke, odors, dust, and harmful gases. It can be used in industries such as laser fields, electronics, and precision hardware. The product features a variable design and multiple layers of filtering devices, allowing for adjustment of the air volume based on the amount of exhaust gas generated. It effectively absorbs and filters with a purification rate of up to 99.97%. The purified clean air can be directly released indoors.

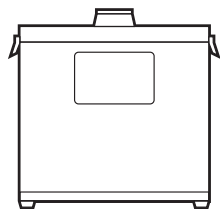


Parameters

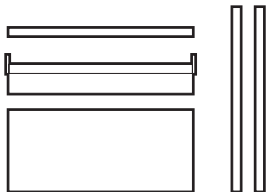
Model	PP2301
Inert interface((mm)	φ115
Input voltage(v)	AC120
Max power(w)	200
Wind speed (M/S)	23
Filtration Efficiency(μm)	0.3(99.97%)
Smoking pipe(m)	1.5meter flexible hose
System flow rate(m³/h)	300
Idle speed ((r/min)	4500
Negative pressure(Pa)	2200
Number of filtration Laye	3
Filter configuration	Pre-filter+Medium Filter+Main Filter
Device Dimensions(mm)	460x260x515
Device Weight(kg)	13

Notice to user

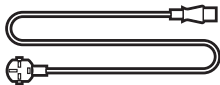
Dear User: For your safety, please pay attention to the following:



1 host



Filter element 1 set
+ 2PCS Pre-filter



1 power cord



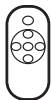
1 hose



1 bamboo
pipe sleeve



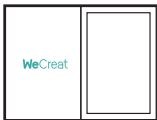
2 hose clamp



1 remote control



1 screwdriver



1 user manual

Pre-check	Security profile
Check if there is any damage	Not intended for use above 60°C/140°F, flammable, explosive or liquids environments
If the power is off	Power cable must be grounded
If the filter inside placed flat	The internal voltage can reach up to 310V. Prohibited from opening the back panel for inspection or repair work
If the flange seat closed fully	Do not remove filter while device is operating



Device Usage Precautions

- The power of the machine should be used as indicated by the power label on the machine. Never use the machine when the voltage is too high or too low. If the voltage in the operating environment is found to be unstable, please turn off the machine and unplug the power until the voltage stabilizes.
- When using the machine, the temperature of the gas or dust sucked in through the air inlet should be from normal temperature to 50°C/122°F. It is prohibited to use the machine at temperatures higher or lower.
- When using the machine, the humidity of the gas or dust sucked in through the air inlet should be within 40% to 80%. High humidity can cause the filter cartridge to fail quickly and damage the internal circuits of the machine.
- It is strictly prohibited to continue using the machine after the filter cartridge is severely clogged. This will greatly shorten the lifespan of the machine and may even cause damage. Regular cleaning and maintenance of the machine, as well as regular replacement of the filter cartridge, are necessary to ensure the machine works in good condition.

Please replace it with an original factory-configured filter

It is strictly prohibited to open the machine's internal parts for repairs without authorization. The warranty sticker on the machine is the sole proof required for you to avail of our after-sales service. Please do not remove or damage the warranty sticker on the machine.

After sales service warranty

Warranty for Goods during the Warranty Period (Free Repairs) shall be implemented from the date of purchase.

1.Repairs for goods within the warranty period can only be conducted at the company's headquarters.

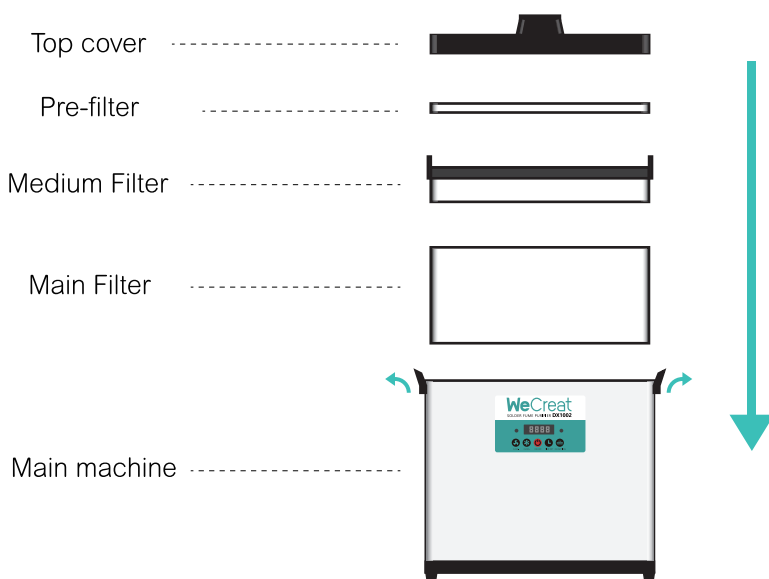
2.The main unit is covered by a one-year warranty starting from the date of purchase. (Note: Consumables such as filter cartridges are not included in the warranty coverage.)

3.The following situations are not eligible for warranty service, but can be subject to chargeable repairs:

- a. Damages caused by not using, maintaining, or storing the product according to the requirements specified in the operation manual.
- b. Losses caused by improper operation, abnormal voltage, or accidental dropping.
- c. Damages caused by unauthorized disassembly of the machine without the manufacturer's consent.
- d. Inability to prove that the machine is within the valid warranty period.
- e. Damages caused by nuclear reactions or chemical corrosion.
- f. Damages caused by uncontrollable factors such as lightning, earthquakes, floods, fires, and other natural disasters.

Installation instruction

Unlock the side buckle of the primary Machine and extract the Top cover. The arrangement of the filter components is Pre-filter, Medium Filter and Main Filter. Withdraw and swap the targeted filter element. before reintegrating the assembly as depicted.



Operating instructions


Step 1: Insert the joint sleeve into the flange on the top cover, then connect the hose to the top end of the joint. Secure it with a hose clamp. Connect the other end of the hose to the inlet of the device that needs purification and tighten it with a hose clamp.

Note: When adjusting the position of the smoke pipe, try to maintain a smooth and gentle bend in the pipe, as it may affect the suction power.

Note: Avoid using it in areas with strong air flow to prevent a decrease or loss of suction power. Adjust the length of the pipe appropriately; the longer the pipe, the lower the suction power, and vice versa.

Step 2: Connect the power cord and check if the power plug is stable and secure.

Digital display panel

 **Attention Sound and Light Alarm:** When the dust capacity of the filter reaches saturation, the machine will enter the alarm state. The buzzer will sound, and the left red indicator light will flash as a warning. You need to check the usage condition of the filter. If the suction power is insufficient, you need to replace the filter. If the filter has not reached saturation, press and hold the settings key to increase the value until the alarm sound is cleared.



FLOW-



FLOW+



ON/OFF



TIME SET



OK/SETTING



· NO/OFF-This is the power switch for the entire machine. Pressing it will turn on the machine when the orange light is illuminated. Pressing it again will turn off the machine. (Note: If you need to shut down the machine for a long time, please turn off the power switch, unplug the power cord.)

· FLOW-When the machine is running, pressing the FLOW- button will decrease the number displayed on the digital display by 10. The minimum value displayed is 10.

Operating instructions

·TIME SET-When the machine is running, pressing this button will display "HXXX" on the digital display screen. By pressing the FLOW+ or FLOW- buttons, you can adjust the timer for automatic shutdown. Pressing the timer button allows you to shift and adjust the individual, tens, and hundreds digits of the time. Once the desired time is set, press the OK/SET button to confirm the timer setting. After setting the timer, pressing the timer button will display the remaining time. The digital display will show "HXXX" continuously, such as "H005" indicating the machine will automatically shut down after 5 hours. To cancel the timer, set the time to "H000".

·OK/SETTING- When the machine enters an alarm state and the buzzer sounds, pressing this button once will stop the buzzer. When the machine is not in alarm mode, pressing this button will allow you to check the total accumulated running time of the machine.

·Panel Lock Button (Remote Control) -When the machine is operating, pressing this button will lock all the function keys on the control panel, making them inoperable. Pressing this button again or disconnecting the power supply and restarting the machine will unlock the panel.

Replacement and Maintenance

Note: It is prohibited to use the smoke purifier without installing filters or using low-quality filters available in the market. In such cases, the equipment is not covered under warranty. Please regularly replace the filters with original product and ensure they are properly installed in the correct order. This will help prevent any further damage or losses on your part.



First Layer - Pre-filter:

1. Place the pre-filter on top of the medium filter with the fuzzy side facing upwards.
2. If the device emits an audible and visual alarm or lacks suction, remove the pre-filter and check if the alarm persists. If the alarm disappears after removing the pre-filter, replace the pre-filter promptly.
3. It is recommended to replace the pre-filter every 30-60 days.



Second Layer - Medium Filter:

1. Place the medium filter between the pre-filter and the main filter, ensuring that the handle is facing upwards.
2. If the device still emits an alarm or lacks suction after removing the pre-filter, remove the medium filter and check if the alarm persists. If the alarm disappears after removing the medium filter, replace the medium filter promptly for optimal performance.
3. It is recommended to replace the medium filter every 6-8 months.

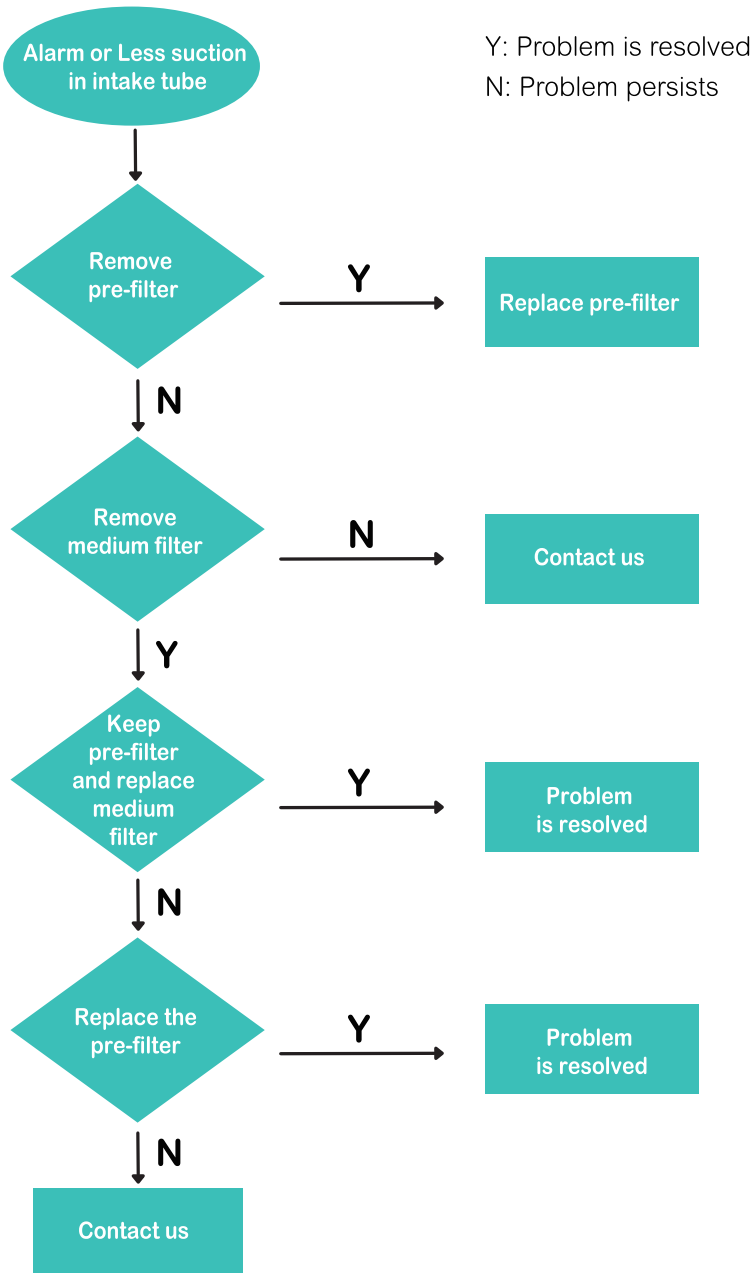


Third Layer - Main Filter:

1. Place the main filter at the bottom of the machine according to the label instructions, with the indicated side facing upwards.
2. If the purified air has an obviously increased odor, pick up the main filter and expose it to direct sunlight for at least five hours. Reinstall the filter and check if the odor persists. If it does, replace the main filter promptly.
3. It is recommended to replace the main filter every 7-12 months.

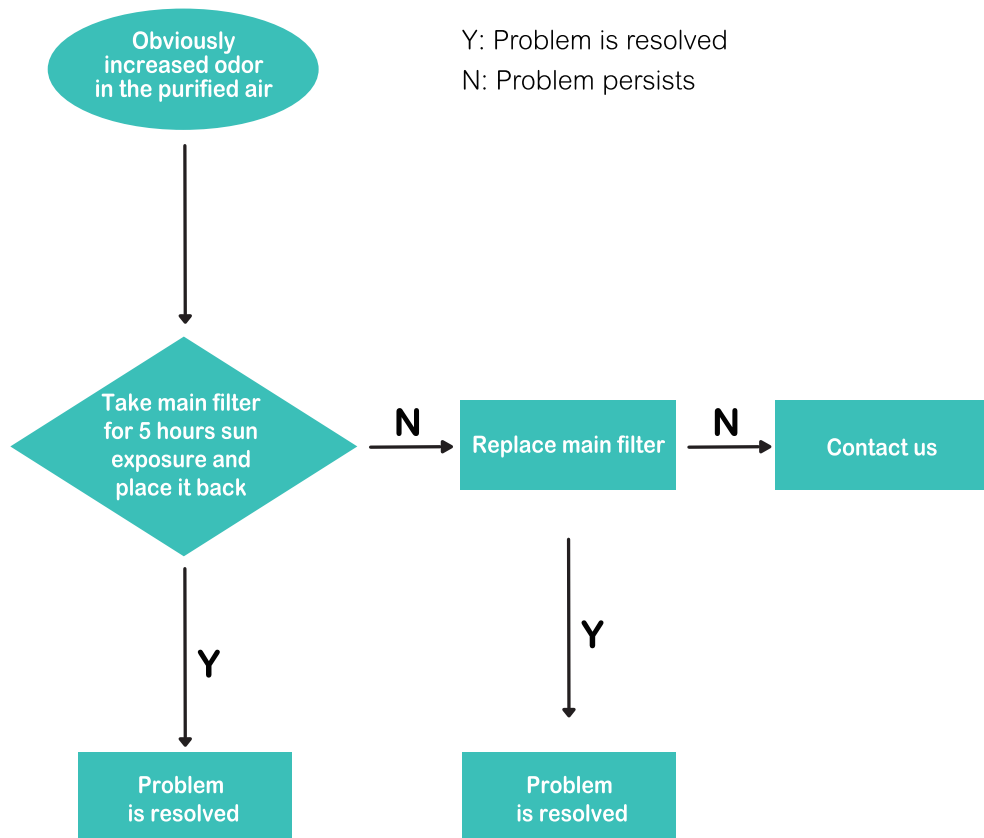
Check and Replacement

Check and replace the pre-filter and medium filter:



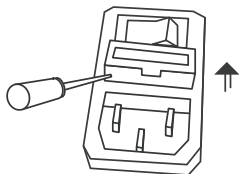
Check and Replacement

Check and replace the main filter:

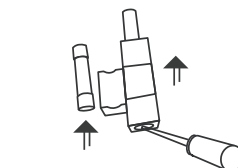
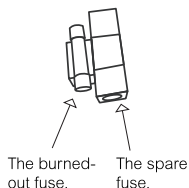


Fuse replacement

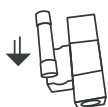
If the device emits a beep sound, first check if the adjustment valve is fully open, and then check if the indicator light of the three-in-one switch is not lit. If it is not lit, it indicates that there is no problem with the circuit and it may be due to a blown fuse.



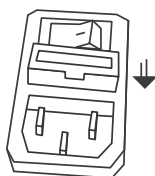
First, turn off the power. Then, use a screwdriver to pry out the fuse slot.



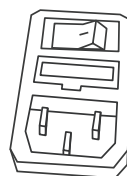
Remove the faulty fuse and use a screwdriver to take out the spare fuse.



Install the spare fuse onto the clip in the fuse slot.



Install the fuse slot back into the three-in-one



The fuse replacement is complete.

Fuse



Trouble shooting

Important Note: Before checking and repairing the equipment, please ensure the power supply is completely turned off!

Issue: Low air volume and reduced suction force while the equipment is still operating.

Cause: Blockage in the air inlet or saturated filter element causing obstructions.

Check: Turn off the power supply, open the top cover, check for any objects obstructing the air inlet, and inspect the air outlet for blockages.

Solution: If no issues are found after inspection, restart the machine. If the air volume remains low, replace the filter element.

Issue: Automatic shutdown of the equipment shortly after starting, with repeated occurrence of the above symptom.

Cause: Blockage in the internal airflow, resulting in high resistance. Excessive current is consumed by the fan during startup, triggering automatic shutdown to protect the system.

Check: Turn off the power supply, open the top cover, and check for foreign objects obstructing the air inlet. After inspection, set the gear to the minimum position, then restart the equipment and adjust the gear to the appropriate air volume.

Please read this instruction manual carefully before use and keep it in a safe place for future reference.

