

Aerovex



Aerovex Systems® Whisper™ Nail Salon Source Capture System Product Manual



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Product Overview

The **Whisper™ Nail Source Capture System** was meticulously designed for nail technicians to ensure a clean and safe salon environment. This aesthetically pleasing unit offers quiet and compact breathing zone protection against the inhalation of nail product vapors, nail dust, bacteria, and viruses, while safeguarding both professionals and clients from potential irritation in the eyes, nose, and throat. The Whisper™ stands out with its unique features, including a whisper-quiet operation (45 dBA), a small footprint (30% smaller than other systems), and a powerful 4-stage filtration system that removes and captures dust and pollutants. With built-in caster wheels for easy maneuverability, this system exceeds industry standards by providing up to 176 CFM of airflow at the source. Elevate your salon with the most affordable and aesthetically pleasing solution – the Whisper™ Nail Source Capture System.

The flexible arm of the Whisper™ makes it easy to position the capture hood. Air pollutants are pulled through a 4-stage filtration system, and purified air is returned into the salon. If you're required to meet the IMC Code, a vent-to-outside option is available.

Built-in caster wheels ensure easy maneuverability, and a 2-arm model is also available.

What separates the Whisper™ from other Nail Source Capture Systems?

- The Whisper is extremely quiet,(45 dBA), well below normal conversational speech levels of (55 to 65 dBA).
- Has a very small footprint, (16.75”L x 10”W x 16”H), 30% smaller than other nail source capture systems.
- Provides up to 176 CFM of air flow at the source (meets and exceeds the IMC requirement of 50 CFM).
- Has the most aesthetically pleasing design to compliment your salon's decor.
- The Whisper is much more affordable than other nail source capture systems.

Our Company's products have passed CE security certificate and the purifying effect has been confirmed by American PONY international professional testing agency with the following certificates.



This product is suitable for places involved in air pollution like smoke, peculiar smell, dust, poisonous and harmful gas, during the process of soldering, laser marking & carving, printing, and medical care, etc. With the triple-filter design and powerful suction, the absorbing efficiency and filtration ratio can reach 99.97%. The purified air can be discharged directly indoors.

Unpacking Your Whisper

Please carefully check the following parts. If there are any missed or damaged items, please contact our customer service department.

Name or Part	Quantity	Specification	Remark
Motor	1x		
Power Line	1x	1.5m 10A/250V	
Pipe	2 pieces	75 mm *1.4m	
Warranty	1 Year		
Operation Manual	1x		
Primary Filtering Cotton	5 Pieces		(One of the 5 pieces is installed in the main unit)
Medium effect filtering core	1 set		
Remote Control	1x		

Check before using your Whisper

Before switching on the power for the first time, please ensure the following points, so as to guarantee the safety in operation.

1. Appearance is intact;
2. Power switch is set to "OFF"
3. Filter element is evenly placed
4. Cover and Box body is installed securely
5. Speed is set to "OFF"



Important Safety Precautions

Read the Owner's Manual and Important Safety Instructions carefully. Failure to follow these instructions could cause a malfunction of the filter or unsatisfactory performance. Follow a regular service and maintenance schedule for efficient operation.

To reduce the risk of electric shock, fires, and/or injury:

- Do not use the system in wet, greasy, inflammable, explosive or damp locations.
- Do not use outdoors.
- Do not use at a high temperature environment of above 80°F/35°C.
- Do not use fabrics or other material to cover the inlet and outlet of the unit.
- Do not allow children to operate or play with the unit.
- Hands or other objects should not touch the rotating impeller.

For safety reasons and to prevent electric shock, unplug the power cord from the electric outlet socket under the following conditions:

- When not in use for a long period of time
- When cleaning, servicing the machine or during replacement of filters
- When moving the air purifier

To prevent electric shock, do not dismantle, repair or modify this product. Maintenance and cleaning instructions should be followed exactly as directed in this manual. In case of malfunction, please contact an authorized distributor or Healthy Air Inc. for service instructions.

To reduce the risk of electric shock, the equipment has a grounding type plug that has a third (grounding) pin. This plug will only fit into a grounding type power outlet. If the plug does not fit into the outlet, contact qualified personnel to install the proper outlet. Do not alter the plug in any way.

To reduce the risk of electric shock, do not pull the cord to remove the plug from its outlets. Protect the cord against heat, oil and sharp objects. Do not run any appliance over the cord. Do not pull or carry by the cord, use cord as a handle, close a door on the cord, or pull cord around sharp edges or corners.



WARNING

Unplug the power cord before servicing or replacing filters. Failure to do so could result in serious personal injury and death.

Structure and Dimensions



Performance Index

Air Inlet Interface	75mm *2 Flange
Input Voltage	AC 220 V
Maximum Power	200 W
Air Velocity	17 m/s
Filtering Efficiency	0.3µm 99.97%
Noise	< 45 dBA
Length of Smoking Absorbing Pipe	3M
Systemic Flow	2*150m³/h
Dimensions of Main Unit	L: 425 x W 250 X H 410 mm
Weight	14.0 Kg 30.8 lbs

How to use the Whisper System

Filtering core installing instruction

Open the top cover, correctly install high-efficient filtering core, medium- efficient filtering core, primary-efficient cotton filtering with top cover and press for buckle hasps at the two sides.

Duct Installation Instructions

1. Take out hose from package and fix it with the flange on the cover of the machine.
2. Turn the tube, aim exhaust fume collecting hood with smoke outlet. Adjust the suction distance based on use occasions.



Attention: When adjusting the direction of suction tube, try to maintain a broad warp of the tube, otherwise it will affect the suction force. The suction inlet shall directly face the working point. Keep the distance within 150mm.

Attention: Try to avoid areas with large air flow, otherwise suction force will be affected or be totally blown away.

Knobs Machine Operation instruction

1. Plug the Power Cord into the Power Socket, located on the bottom of the side panel of the unit, and then plug the other end of the cord into a wall power socket.

2. Activate your unit by turning on the power switch (Picture 1). Adjust the speed-adjusting knob to start the machine according to different needs on the air flow (Picture 2).



Attention: Before starting the machine, the speed-adjusting knob shall be adjusted to OFF position. The air flow shall be set according to the actual demand. It shall not be set too large or too small. Excessive air flow increases the power consumption as well as the noise level.



(Picture 1)



(Picture 2)

Please your unit in the desired location. Once the unit is in place, adjust the Flange Hose to position the Hood approximately 6" from the source of the particulate and fumes.

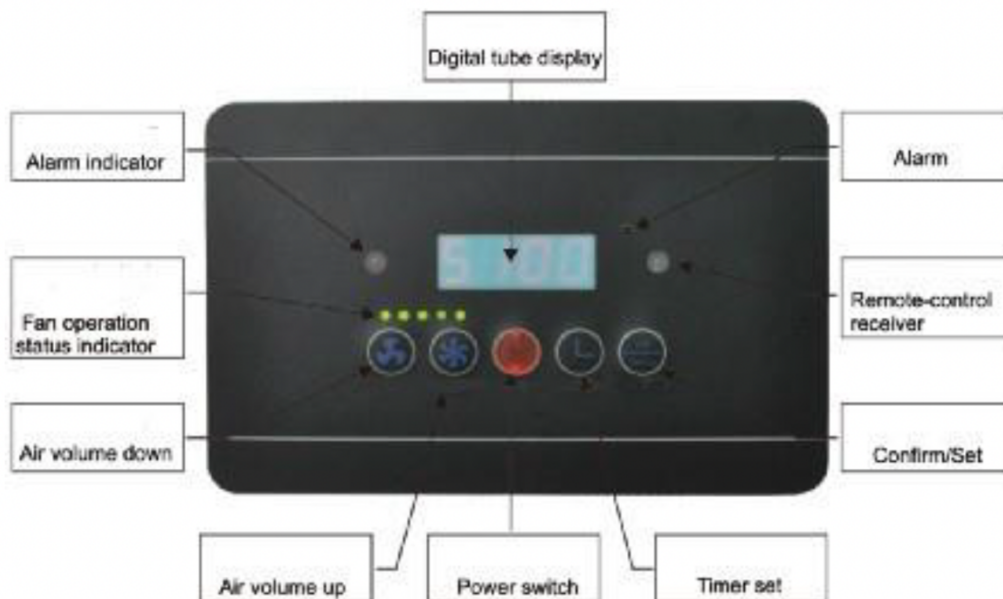
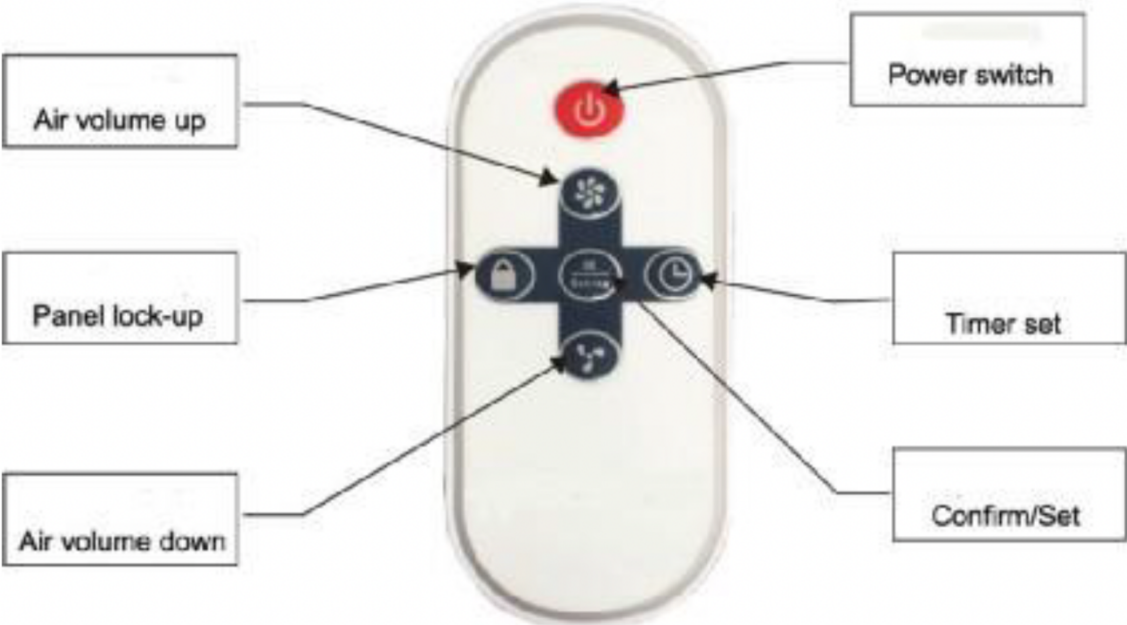


Illustration of Remote Control Operation



Button Function	
Power Switch Button	Press the power switch and the orange light is on. The machine starts to work. Turn off the orange light, the machine will stop running. <i>(Attention: In case of long time shutdown, please turn off the main power switch on the machine and unplug the power plug.)</i>
Air Volume Up Button	Press this button when the machine is running, the number on digital tube display increase in multiples of 10, the maximum number is 100, which means the machine is running in full speed.
Air Volume Down Button	Press this button when the machine is running, the number on digital tube display increase in multiples of 10
Time Set Button	While the machine is running and you press this button, the digital display will show HXXX. Then press the Increasing /Decreasing Air Flow buttons to adjust the shutdown timing. XXX represents the set running hours of the machine with the maximum of 300 hours and the minimum of 1 hour. After you complete the setting, press the Time Set button again, the digital display will show the fixed set time: HXXX. For example, H005 represents that the machine will shut down automatically in 5 hours.
Set Button	If the machine is in alarm status and buzzer sounds, press this button to relieve the sound. If the machine is not in alarm status, press this button to check the total working hours of the machine.
Locking Control Panel	Press this button when the machine is working, all function keys on the operation panel will be locked. Press again or reboot the machine to unlock.

Troubleshooting Your Machine



Attention: Make sure the power is switched “OFF” before inspecting or repairing your machine!

Problem	Cause	Solution
The machine still works, but the air flow is very weak and suction power is greatly reduced.	Air Inlet is blocked or foreign body exists inside the duct. The filter becomes saturated and hence gets blocked and gives an alarm.	Turn off the power and open the top cover. Check if there is any foreign body blocked in the air inlet. Then check if the air vent is blocked or not. If the suction power of the empty-loaded machine is normal, it means the filter needs to be replaced.
The machine shuts down automatically after it is just started. Even if you restart the machine, the same problem happens again.	The air flow inside the machine is not smooth. The obstruction of the filter is very strong. As a result, the starting current of the fan becomes very high, hence the machine shuts down automatically for self protection.	Turn off the power and open the top cover. Check if there is any foreign body blocked in the air inlet. Then turn the speed-adjusting knob to the lowest level and restart the machine. The machine will be back to normal.
<p><i>Note: If trouble remains after these inspections and maintenance, please contact us at 1-800-288-2023 or email at info@aerovexsystems.com</i></p>		

How to use and Change Filters

The Whisper Nail Source Capture System utilizes the Whisper replacement filter (SKU: WS4). Note that, only manufacturer supplied Whisper Replacement Filters are compatible with The Whisper Nail Source Capture Systems. No other replacement filters are to be used with this unit. The improper use of non-manufacturer supplied filters will void any potential warranty claim.

Filter Change Steps

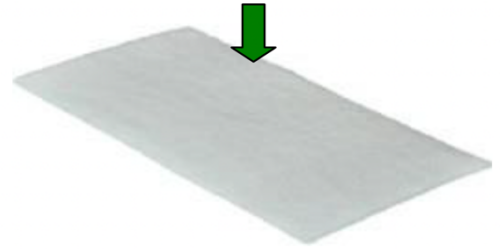
When the unit has been in operation for 400-hours, the filters must be replaced as follows:

Note: Depending on usage and contaminates in the environment, the filter may need to be replaced before the 400-hour default cycle expires. Contact a representative to determine if you need to replace the filter more frequently.

1. Turn the Power Off and unplug the Power Cord from the Power Socket.
2. Remove and dispose of the saturated filter and replace with new filter in this order:
 - a. Pre Filter:
 - i. Place the Pre-filter on top of Middle Filter. The front side (rough side) is facing upwards (air inlet direction). When the accumulated

dust on the Pre-filter is over 70% and cannot be cleaned any more, please replace the Pre- filter with a new one.

- ii. Place the Pre-filter on top of Middle Filter. The front side (rough side) is facing upwards (air inlet direction). When the accumulated dust on the Pre-filter is over 70% and cannot be cleaned any more, please replace the Pre- filter with a new one.



b. Middle Filter

- i. With the handle side facing up, put the Middle Filter inside the Main Filter. It shall be immediately cleaned off when the accumulated dust on the Middle Filter evidently affects the suction power. When it cannot be cleaned any more, please replace the Middle Filter with a new one.

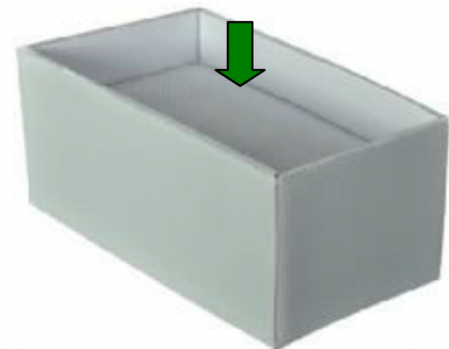
Air Flow Direction



c. Main Filter

- i. With the handle side facing up, place the Main Filter at the bottom inside the machine. When it cannot effectively eliminate the peculiar smell in the smoke, please replace it with a new one.

Air Flow Direction



Maintenance

1. **Cleaning the filter:** To extend the effective life of the Whisper Filter, remove the filter from the unit and use a standard vacuum to remove collected particulate from the Pre-Filter section.
2. **Cleaning Filter Compartment:** Visually inspect the interior of the Filter Compartment when the filter is removed from the unit during the filter replacement process. If particulate has accumulated in the Filter Compartment, clean the interior of the unit as follows:
 - a. Turn the Power Off, unplug the Power Cord from the Power Socket.
 - b. Open the filter chamber and Vacuum and remove any debris that has accumulated in the filter compartment and adjacent accessible areas of the interior of the unit.

Attentions



- The power input of this product shall be used with in the specified nominal voltage scope subject to power identification on the product body).
- It's strictly forbidden for the use with excessive high or low voltage if the ambient voltage is unstable please turn off the machine unplug the power plug and use it again upon power stabilizing.
- While using the machine, the temperature range of the gas and dust sucked into the air outlet: atmospheric temperature -60 C, never use it when the temperature is higher or lower than this temperature scope.
- When using the machine, the humidity of the gas and dust sucked into the air inlet should be between 40-80%, if the humidity is excessively high, the filter element will become invalid rapidly and the internal circuit will be damaged. Never use it when the humidity is higher than 80%.
- When the machine has primary cotton filter, properly install the primary cotton filter before use, primary cotton filter can be classified as disposable consumable and never use it again after washing. Please replace the primary cotton filter configured by the original manufacturer regularly. Never use the machine without the cotton filter.
- It's strictly forbidden to use this machine without a filter element because the cooking fume or the dust particle sucked in the machine directly would cause

damage to the air blower and control system. Any fault caused by machine use under the aforesaid status shall be serviced at the user's own cost.

Warranty

All product sole by Aerovex Systems come with a 1-year Warranty.

This Warranty applies only to the repair or replacement of any manufactured or supplied part of this product which, upon inspection by Aerovex Systems authorized personnel, proves to have failed in normal use due to defects in material or workmanship.

The sole responsibility of Aerovex Systems under this Warranty is, in its sole discretion to either repair or replace a duly registered product (or defective part thereof) with the same or a comparable model within a reasonable period of time, subject to the following exclusions, limitations, statutory rights and warranty claim procedures.

Exclusions to the Warranty:

This Warranty does not apply, or is void, as to any product or part damaged by (1) accident, misuse, abuse, or lack of reasonable care or normal maintenance; (2) installation or operation under conditions other than those recommended by Aerovex Systems (3) subjecting the product to any but the specified voltage; (4) servicing or disassembly by unauthorized personnel; (5) removing or defacing the serial number; or (6) modifying the original factory-assembled unit in any way.

This Warranty does not apply to shipping charges for product shipped to or from the manufacturer or designated distributor in connection with warranty claims nor does it apply to any damages that occur during such shipment.

This Warranty does not apply to replacement filters.

Help?

Contact us:

Phone: 608-222-2022

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