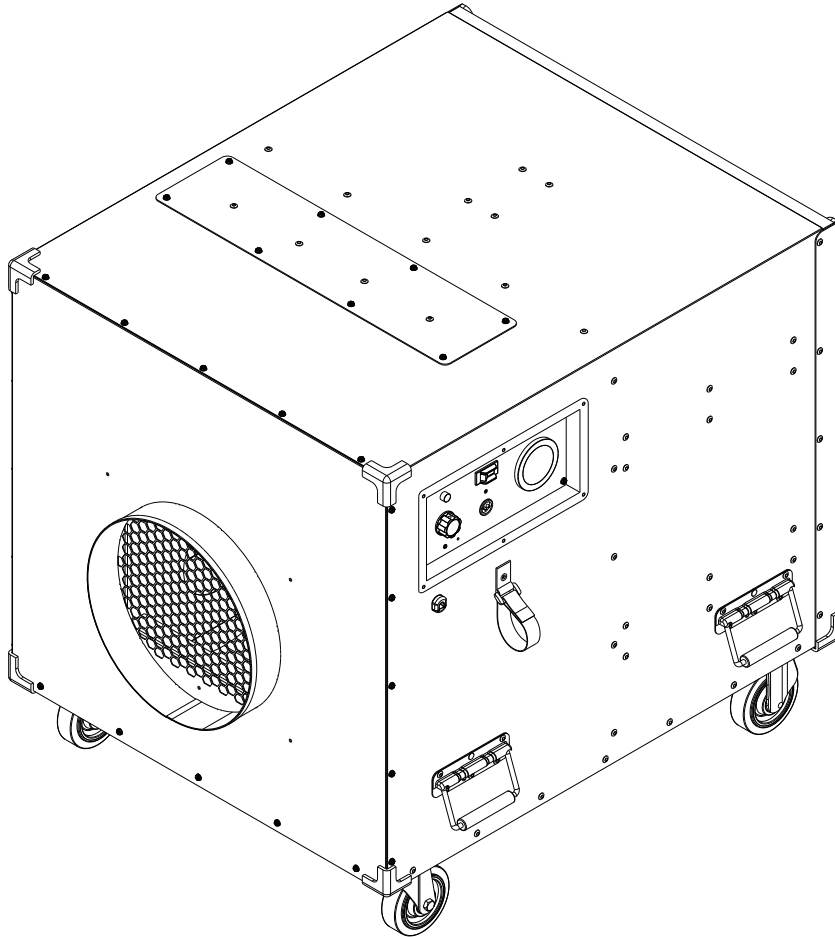


User's Manual



HEPA 2000 UVIG

Abestorm Solutions INC.

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Note: as we keep upgrading our product, we reserve the right to modify the product without notice in advance.

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WARNING!

Please note that the HEPA 2000 UVIG should only be used with parts approved by Abestorm. The use of unauthorized parts or alterations to the machine could void your warranty. Contact an approved distributor for further assistance.

SAFETY NOTES

To Avoid the Risk of Fire or Electric Shock:

- The unit must be electrically grounded.
- This machine is forbidden to stack and does not place heavy objects on the power cord.
- Please check the power cord for damage (wear, cuts, etc.) before use.
- Please check if the filter is damaged before use.
- Do not touch the product with wet hands.
- Before plugging the power cord into the power outlet, turn off the power switch on the unit.
- When water enters the machine, pull out the power plug and completely dry the machine before use
- Unplug the power plug during thunder or thunderstorms.
- Do not place this product in a humid place. Otherwise, there may be a risk of electric leakage or electric shock.
- Do not install it in a place with combustible gas. There will be the risk of explosion.
- Please clear any obstructions on the air inlet and outlet before use.
- When cleaning the surface of the unit, please unplug the power cord and wipe it with a soft cloth to avoid scratching the unit. Do not use wet cloth, wax, or thinner.
- Do not put your hands or foreign objects into the air inlet or outlet. Otherwise, product failure or physical injury may occur.
- A description of the dangers of fire, electric shock or personal injury that may arise during cleaning and user maintenance (e.g. lubrication).
- When using Abestorm HEPA 2000 UVIG indoors, please turn off combustion equipment such as fireplaces, furnaces, water heaters, and HVAC systems to avoid the risk of reverse emissions of carbon monoxide gas.
- When repairing with Abestorm HEPA 2000 UVIG, be sure to lock the casters to avoid collision accidents.
- Remind the user to disconnect the power supply before maintenance.

※ Keep this manual in a visible place near the machine for easy access.

INTRODUCTION

The HEPA 2000 UVIG is a convenient filtration system that cleans the air. The HEPA 2000 UVIG uses an effective blend of air flow and advanced filtration to expel airborne particles like mold spores, dust, pollen, and pet dander. The HEPA 2000 UVIG is ideal for restoration jobs, including water, sewage, and fire.

APPLICATION

Odor Control

When used with the optional activated carbon filter (P/N:), HEPA 2000 UVIG is also excellent in odor control. Simply put the carbon filter in the pre-filter tank, it can capture a variety of odor-causing gas molecules, such as volatile organic compounds (VOC's), smoke, soot, and paint odors.

Other Use

The cleaner is also useful in many other applications, including mold repair, fire damage, dust control, and sewage repair.

IDENTIFICATION

Congratulations on purchasing a Abestorm HEPA 2000 UVIG air scrubber. To take advantage of the warranty plan, be sure to note the serial number and date of purchase.

Serial Number: _____

Date of Purchase: _____

HOW IT WORKS

When set to maximum airflow, the scrubber draws air through two types of filters- a pre-filter and a HEPA/Activated Carbon Filter.

1. Pre-Filter

The first phase of filtration, the prefilter, Captures initial dust and allergen particles.

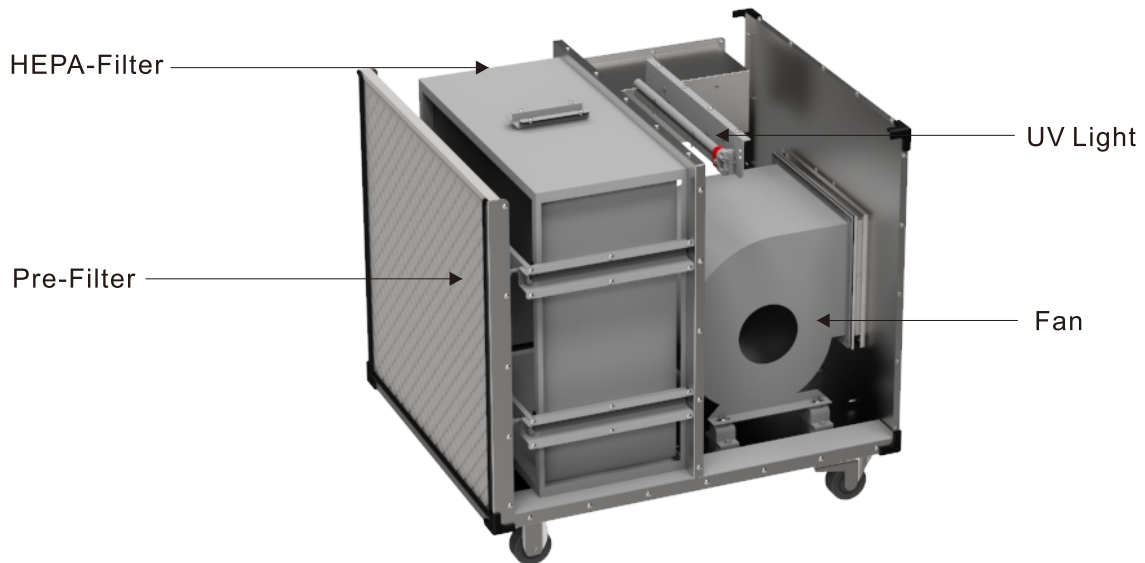
2. High Efficiency Air Filter H13

The second stage of filtration, the HEPA filter, captures small particles up to 0.3 microns. Helps control and prevent the growth of bacteria, germs and mold. Captures 99.99% of dust and allergens.

3. UV-C Light

UV-C light technology works with filters to enhance the elimination of airborne germs Titanium Dioxide is activated by the UV-C light to decompose remaining odor molecules caused by smoking, cooking, and pets.

KEY FEATURES



INSTRUCTIONS

THE CONTROL PANEL

Power Indicator

When the switch is open, the indicator is on, when the switch is closed, the indicator is off.

Circuit Breaker Switch

The Circuit Breaker Switch protects the unit if there are more than 12 amps of electricity passing the circuit. If this occurs, the switch will cut off the power to the unit.

Gear Switch

Rotate the knob clockwise to adjust the gears. The initial position is closed. Gears 1, 2 and 3 correspond to low, medium, and high speeds respectively.

UV-C Light Switch

For turn on/off UV Light.

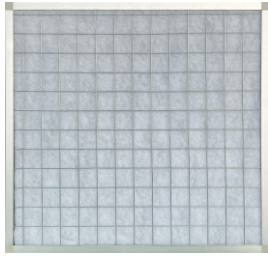
Pressure Sensing Port

Used for differential pressure gauge to detect the pressure value, pay attention to check whether the port is blocked before use.



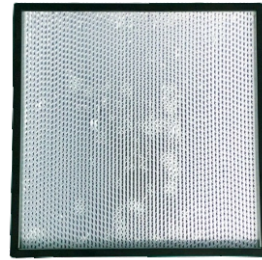
FILTER

Filter grade and size chart



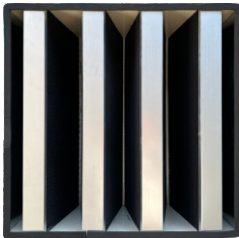
PRE-FILTER PANEL

1. Size: 27.0X26.0X0.8(inch)
2. Aluminum frame is put around the outer edge. It can collect dust of 10~20 μ m up to 90% in accordance with the standard of weight method.



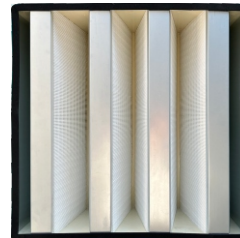
H13 FILTER

1. Size: 24.0X24.0X11.5 (inch)
2. It can collect dust of 0.3 μ m up to 99.97% in accordance with the standard of weight method.



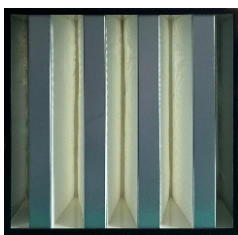
ACTIVATED CARBON FILTER

1. Size: 24.0 \times 24.0 \times 11.5(inch)
2. Activated carbon filter has efficient adsorption performance and can be used for air purification. The activated carbon filter material contains 100% surface adsorption capacity to remove volatile organic compounds (such as formaldehyde, toluene, hydrogen sulfide, chlorobenzene) and pollutants in the air.



H14 FILTER

1. Size: 24.0 \times 24.0 \times 11.5(inch)
2. H14 Filter, The effective rate of 0.1 micron and 0.3 micron reaches 99.998%, which is the most effective filter for pollutants such as smoke, dust and bacteria.



F8 FILTER

1. Size: 24.0 \times 24.0 \times 11.5(inch)
2. F8 medium efficiency filter Applicable models: HEPA 2000 UVIG Trap dust particles larger than 1 μ m.



F6 FILTER

1. Size: 24.0 \times 24.0 \times 11.5(inch)
2. Paint filter (F6)
Applicable models: HEPA 2000 UVIG
It can effectively filter paint, oil, glass material, epoxy resin, tar, Teflon, liquefied workpiece, plastic, baking porcelain, dye, painting class, air-drying porcelain, etc.

Note: The activated carbon filter, H14 filter, F8 filter and F6 filter are sell separately.

Horizontal air scrubber different filter replacement standards

Under certain conditions/requirements	Filter	Primary filter replacement requirements	High efficiency filter replacement requirements
Machine runs at a specific airflow	G3 filter + activated carbon filter	When the air volume knob is turned to the specific gear of activated carbon and when the differential pressure gauge shows a differential pressure value of 200pa , please clean or replace the primary filter.	When the differential pressure gauge shows a differential pressure value of 300pa , please replace the activated carbon filter.
Machine running at maximum airflow	G3 filter + H13 filter	When the differential pressure gauge shows a differential pressure value of 280pa , please clean or replace the primary filter.	When the differential pressure gauge shows a differential pressure value of 330pa , please replace the H13 high efficiency filter.
	G3 filter + F8 filter	When the differential pressure gauge shows a differential pressure value of 240pa , please clean or replace the primary filter.	When the differential pressure gauge shows a differential pressure value of 330pa , please replace the F8 high efficiency filter.
	G3 filter + H14 filter	When the differential pressure gauge shows a differential pressure value of 310pa , please clean or replace the primary filter.	When the differential pressure gauge shows a differential pressure value of 330pa , please replace the H14 high efficiency filter.
	G3 filter + paint mist filter	When the differential pressure gauge shows a differential pressure value of 220pa , please clean or replace the primary filter.	When the differential pressure gauge shows a differential pressure value of 330pa , please replace the paint mist high efficiency filter.

Filter replacement time

1. At the time the filter is damaged due to a long-time use.
2. At the time the inhaling power falls due to a clogging in the filter.

Parts replacement

1. Change the Filter

First turn off the unit, unplug the plug, pull up the Pre-filter, twist the internal fixed knob and remove the fixed rod, take out the HEPA filter, replace with a new HEPA filter, install the fixed rod after the replacement and tighten the knob, Insert a new Pre-filter, and the replacement is complete.

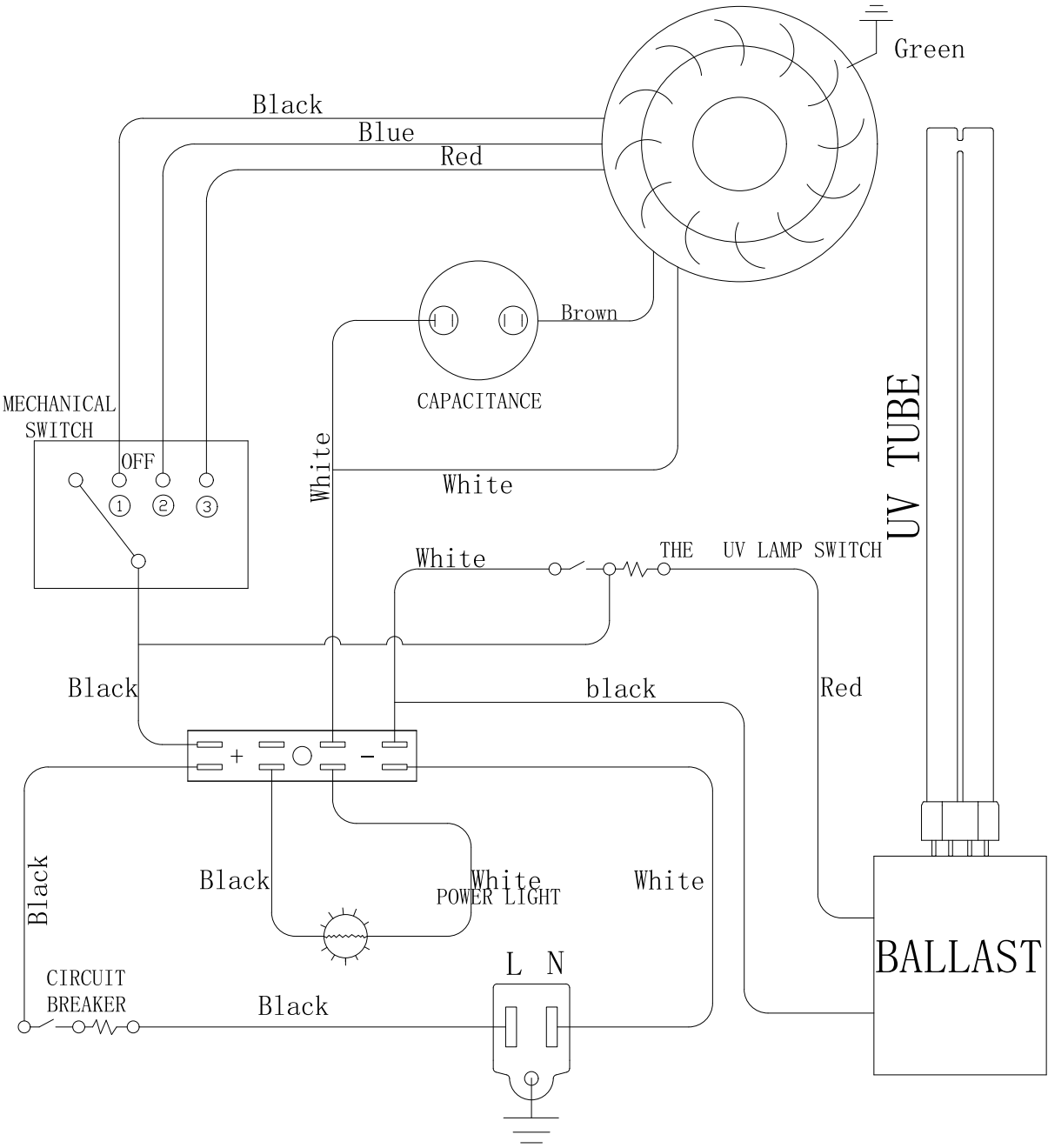
2. Change the UV-C Light

First turn off the unit, unplug the plug, pull up the Pre-filter, twist the internal fixed knob and remove the fixed rod, take out the HEPA filter, pull out the UV lamp to the left to separate it from the lamp holder, and remove the UV-C light. Replace with a new UV-C light, put in the HEPA filter, install the fixed rod and tighten the knob, insert the Pre-filter, and replace it.

WARNING

- 1. Do not operate without a HEPA filter! Not using a HEPA filter or using an unauthorized power cord may cause damage to the electrical system or mechanical parts.
- 2. When replacing the filter, please always wear approved protective equipment.
- 3. If the value of the differential pressure meter is at 500pa, the high-efficiency filter must be replaced.

Wiring Diagram



Specification

Category	HEPA 2000 UVIG	
Power(V)	115Vac 60Hz	
Power(W)	High:0.85 kW	Low:0.75kw
Airflow	High: 2000CFM	Low:800CFM
Size	34.8 x 27.2 x 26 in	
Weight	127.8 lbs	

WARRANTY

All warranty benefits apply to the original owner only Warranty cannot be transferred or assigned.

1 YEAR(FROM DATE OF PURCHASE): Abestorm warrants the unit's parts will operate free of defects in materials or workmanship. This includes factory laborers. At its discretion, Abestorm will replace defective parts, including factory labor. This does not include transportation costs.

Customer Responsibilities

To take advantage of the warranty service, the customer must do the following:
defects in materials or workmanship. This includes factory laborers. At its discretion, Abestorm will replace defective parts, including factory labor. This does not include transportation costs.

1. Customer must provide normal care and maintenance (including, but not limited to cleaning filters)
2. Removal and re-installation of the unit are the sole responsibility of the owner.
3. If the customer cannot return the unit to the certified repair center, all costs associated with shipment are borne by the customer. In addition, all ancillary charges related to freight shipments, including but not limited to palletizing, wrapping, labeling, and pickup are associated with the customer.
4. If shipped, the customer is responsible for all risks of loss or damage.

Abestorm Warranty Steps:

1. Once goods are received, customers must log in to www.abestorm.com to fill out the warranty registration form and submit it to the Abestorm company. We will receive your purchasing and installation information and save it. If no warranty registration is sent to us, the warranty period will begin the day the shipment left the warehouse. Please be sure to record the serial # and date of installation. You will need this information to receive the RA number.
2. If warranty service is necessary, customers must contact Abestorm Tech Support at sales@abestorm.com or local technical service phone to receive a Return Authorization (RA number). Once an RA has been issued, customers should bring the unit to a certified repair center.

Abestorm will arrange the shipping to bring the unit back to the Abestorm warehouse(at the expense of the customers) if customers are not available.

3. After the unit has been received by Abestorm (whether at a repair center or the warehouse),
4. Abestorm will have an initial inspection. If it is determined to be an invalid warranty claim (see exclusions below), customers have to pay for all associated repair costs and shipping costs for unit repair.
5. Customers can pick up the unit after repair at their own expense for shipping. Units will have rigorous testing before sending it back to customers.

If the unit can no longer be fixed, and it is in the warranty period and determined to be a valid claim, we will ship the customer a new unit within the same year warranty from the date of replacement. 6. After parts are repaired or replaced by Abestorm, the original warranty period continues to apply until it meets its deadline. No extensions to the original warranty period.

IMPORTANT NOTICE: Keep the item's packaging in case warranty service is required.

Limited Warranty Exclusions

This limited warranty covers manufacturing defects in materials or workmanship encountered in normal household, commercial or noncommercial use of this product and shall not cover the following:

- Damage occurs in uses for which this product was not intended for.
- Damage caused by unauthorized modification or alteration of the product.
- Cosmetic damage including scratches, dents, chips, and other damage to the product's finishes.
- Damage caused by abuse, misuse, pest infestation, accident, fire, floods, or other acts of nature.
- Damage caused by incorrect electrical line current, voltage, fluctuations, and surges.
- Damage caused by failure to perform proper maintenance of the product.

The use of this product in SPA or a room with OUTDOOR POOL invalidate or voids limited warranty.



ABESTORM