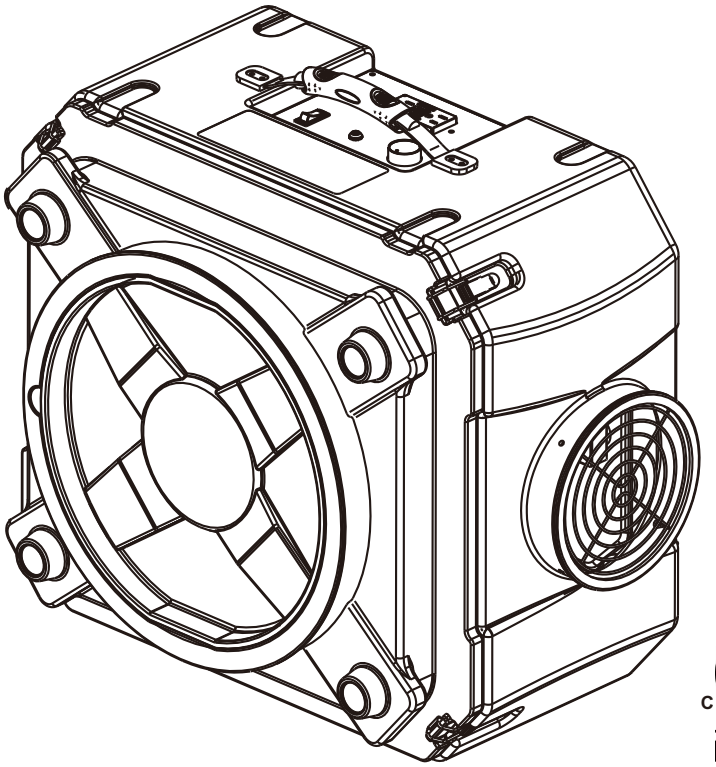
User's Manual



Filteair HEPA 550

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.

WARNING!

Please note that the Filteair HEPA 550 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.

To Avoid the Risk of Fire or Electric Shock:

- Unit must be electrically grounded.
- Insert 3-prong plug directly into outlet with Ground Fault Circuit Interrupting device.
- Do not use an adapter with this unit.
- Do not use the unit in standing water.
- If electrical parts get wet, they must be dried prior to use.

INTRODUCTION

The Filteair HEPA 550 is a convenient filtration system that cleans the air. The 550 uses an effective blend of air flow and advanced filtration to expel airborne particles like dust, and pet dander. The Filteair is ideal for for restoration jobs, including water, sewage, and fire.

IDENTIFICATION

Congratulations on purchasing a Filteair HEPA 550 air scrubber. In order 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

1. When set to maxiumum airflow, the 550 draws air through two types of filters- a Pre-Filter and a the HEPA/Activated Carbon Filter.
2. The first phase of filtration, the prefilter, catches the large particles, while the second phase of filtration, the HEPA/Activated Carbon Filter, catches smaller particles, down to 0.3 microns.

SPECIAL FEATURES

Daisy-Chain Capability

Using the auxillary outlet on the control panel, you can link up to 3 units together, creating a maximum airfow 550 CFM. You can also daisy-chain the machines when they are stacked vertically (limit of 2 units).

Multi-Positional

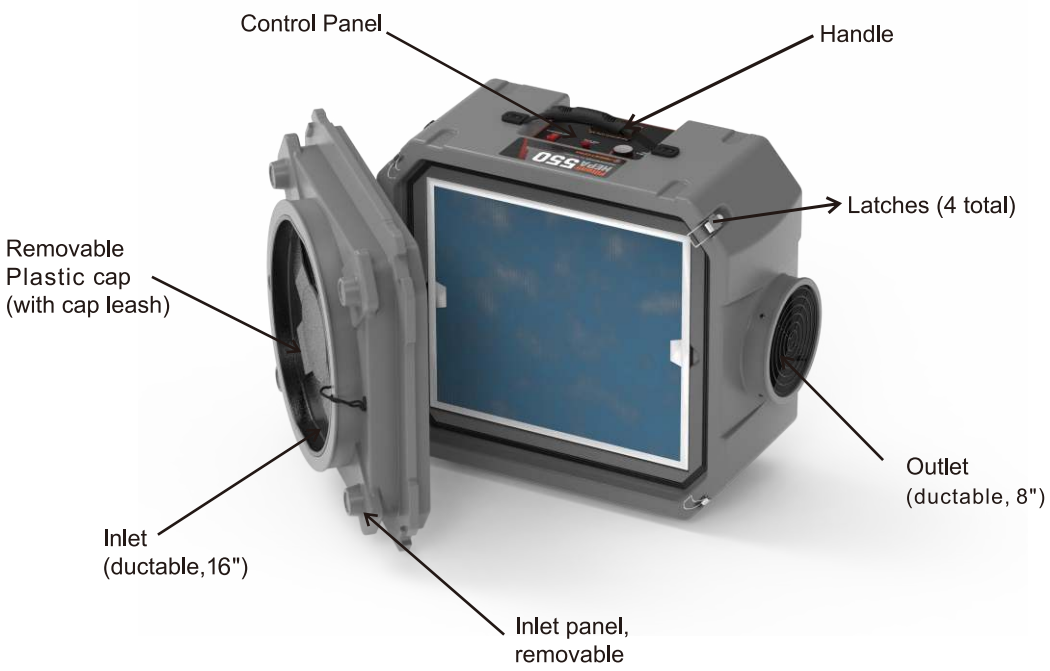
The Filteair HEPA 550 can be operated in the vertical postion, as well as, when stacked vertically (up to 2 units). When storing, the machines can be stacked horizontally to save space.

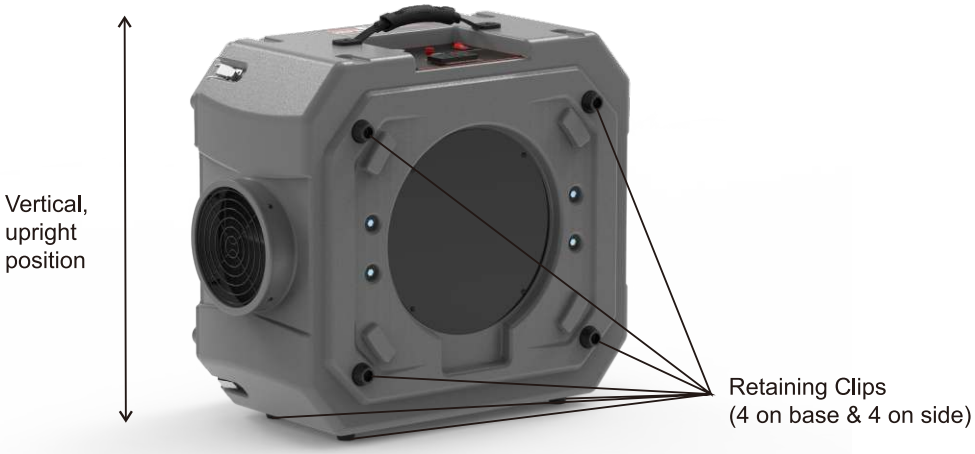
Removable Intake Panel

The Filteair HEPA 550 is equipped with a removable panel on the intake side of the machine. The removable panel is quite useful in remediation applications, so you can draw air out the room and create more negative pressure (use a manometer to monitor air pressure). To use panel:

1. Remove the panel.
2. Install the machine outside the containment area to draw air out.
3. Cut a hole in the containment plastic that is the size of the unit's inlet.
4. Insert the inlet into plastic and seal the circumference tightly with duct tape.

KEY FEATURES





INSTRUCTIONS

SETUP

1. Place the Filteair HEPA 550 so that it is in the upright, vertical position.
2. Plug the machine into a standard 115 volt outlet. *Note: Each unit needs 3 amps to operate*.
3. Power the unit on and adjust the speed by turning the variable speed control. The maximum speed is 550 CFM and the minimum speed is 270 CFM.
4. The Filteair HEPA 550 can be operated in the vertical or horizontal postion, depending on the exact situation. At this point, adjust the machine to the optimal position.

THE CONTROL PANEL

Variable Speed Control

The Variable Speed Control is used to adjust the power of the machine. Turn the knob in a clockwise direction, to increase the speed from maximum to minimum . The minimum speed setting is located immediately under the OFF button. You can switch to minimum speed by turning the knob counterclockwise.

Auxiliary Outlet

If more air filtration is necessary for a space, you can “daisy chain” or link up to 3 Filteair HEPA 550’s to the same outlet. There is a maximum amperage of 12 when the units are turned off, a maxium of 9 amps when the units are turned on. Other equipment can be plugged into the same outlet as the CleanShield as long as it doesn’t go above the max amperage.

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.



CHANGING THE FILTERS

1. Loosen the 4 locks that hold the filter board in place.
2. Slide out the filter panel board.
3. Remove the used filters and replace with new filters.

WARNING

- Always wear approved protective gear when changing the filters.
- Filters should be changed after each remediation job.
- If the indicator light is on, always change the HEPA/Activated Carbon Filter.

APPLICATIONS

Water Damage

In this application, the Filteair should be placed in the center of the affected area. The air scrubber will draw in the air, filter it, then blow out the newly cleaned air. To begin the process, simply turn on the scrubber and it will start cleaning the air. Keep in mind that if you are working in a large area or one divided by walls, you may need several air scrubbers to effectively clean the air.

Odor Control

The Filteair HEPA 550, when used with the HEPA/Activated Carbon Filter, is excellent at odor control, as well. Simply place the carbon filter in the pre-filter slot and it will capture a wide variety of odor-causing gas molecules, such as volatile organic compounds (VOC's), smoke, soot, and paint fumes.

Other Uses

The Filteair is also useful in many other applications including, fire damage, dust control, and sewage remediation.

WARNING!

Breathing Hazard

- When using the Filteair HEPA 550 in a containment area, always turn off power to open combustion appliances, such as firelaces, furnaces, water heaters, and HVAC systems, to avoid the risk of backdrafting carbon monoxide fumes.
- If the Filter Change Light illuminates during the remediation process, immediately change the HEPA/Activated Carbon Filter.

Tipping Hazard

- Use caution when stacking units.
- Do not stack more than 2 units on top of each other.
- Falling equipment could cause bodily harm.

SAFETY NOTES

- Always unplug the unit prior to performing any maintenance.
- Check the power cord for damage (fraying, cuts, etc.) before use.
- Verify that the GFCI outlet is working by powering on the machine and pressing the red GFCI test button. If the outlet is working, the “reset” button will pop up. To operate, press the reset button again.
- To avoid electric shock, never use a water hose or pressure washer to clean the electrical components.
- Check the pre-filter prior to operating the machine to ensure it is not clogged. If there is any sign of air flow restriction change the filter.
- Make sure the unit is dry prior to installing clean filters.
- When using the Filteair for remediation purposes, replace both filters at the same time and always clean machine in between jobs. This will help prevent cross contamination.

LIMITED WARRANTY

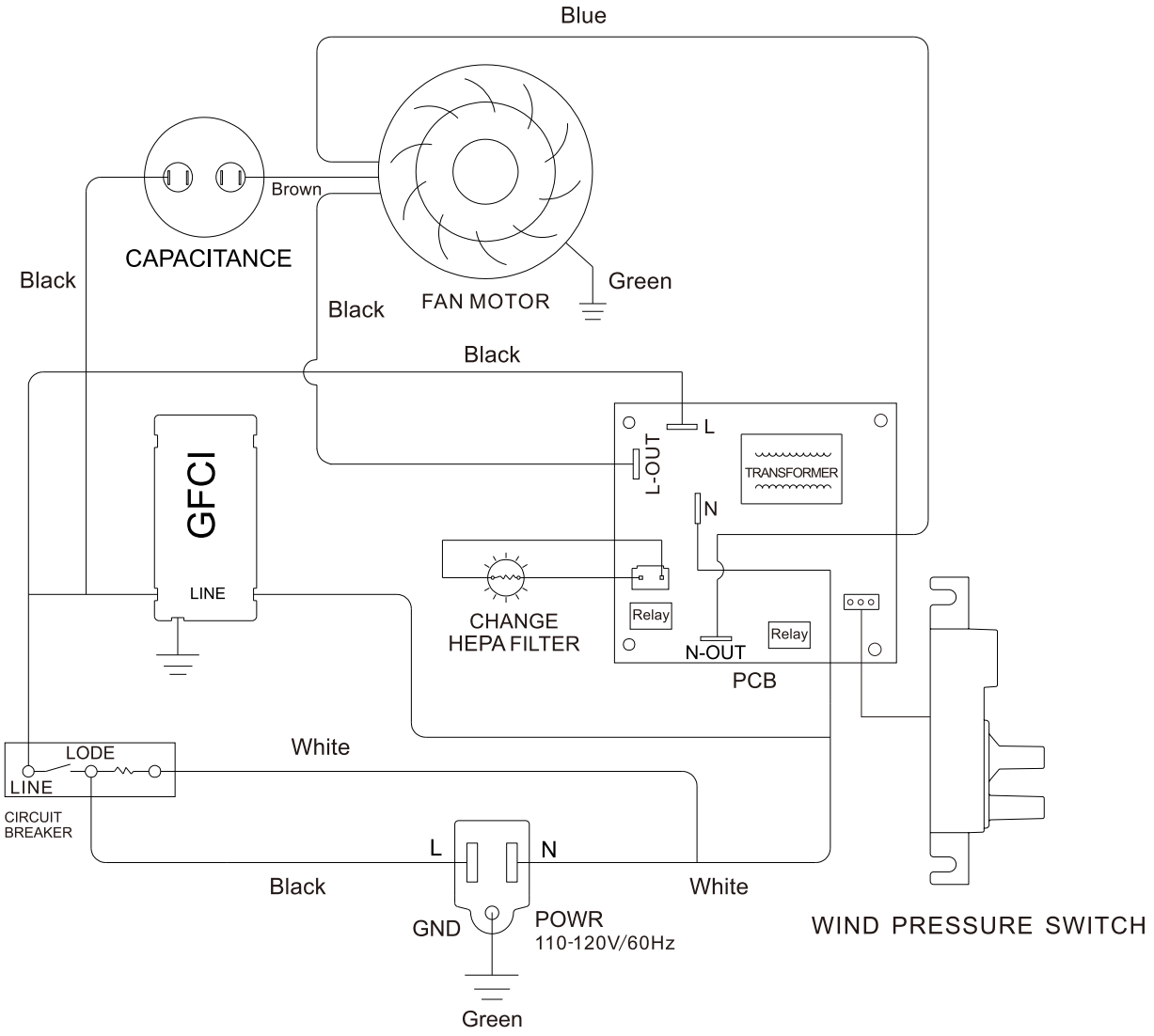
This limited warranty starts from the date of purchase. Abestorm Solutions Inc. warrants to the original purchaser that this Abestorm product is free from manufacturing defects in material or workmanship for the limited warranty period of:
Six (6) Month parts and labor. This includes the shipments charges for replacement parts or units.
One (1) year parts and labor. The shipment fee to send the unit back to the manufacturer is not covered.
Ten (10) years. Polyethylene body ONLY.

This limited warranty is valid only on products purchased from the manufacturer or Abestorm authorized dealer and operated, installed, and maintained according to the instructions included in this user guide or furnished with the product. Abestorm Solutions Inc will not provide in-home service during or after the warranty period. You may be responsible for the shipping charge to bring the product to the manufacturer for service.
To receive warranty service, the purchaser must contact Abestorm at (888)276-9833 or sales@abestorm.com . Proof of purchase or order number is required to receive warranty service. During the applicable warranty period, a product will be repaired or replaced at the sole option of Abestorm.
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 a 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.
- Damaged caused by not using the required filters for operation. (Pre-filter, HEPA & Activated Carbon Filter)
- Damaged caused by using in a high humidity environment (75% or higher).
- Damaged caused by using next to combustible materials/equipment that may or may not produce

Wiring Diagram




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