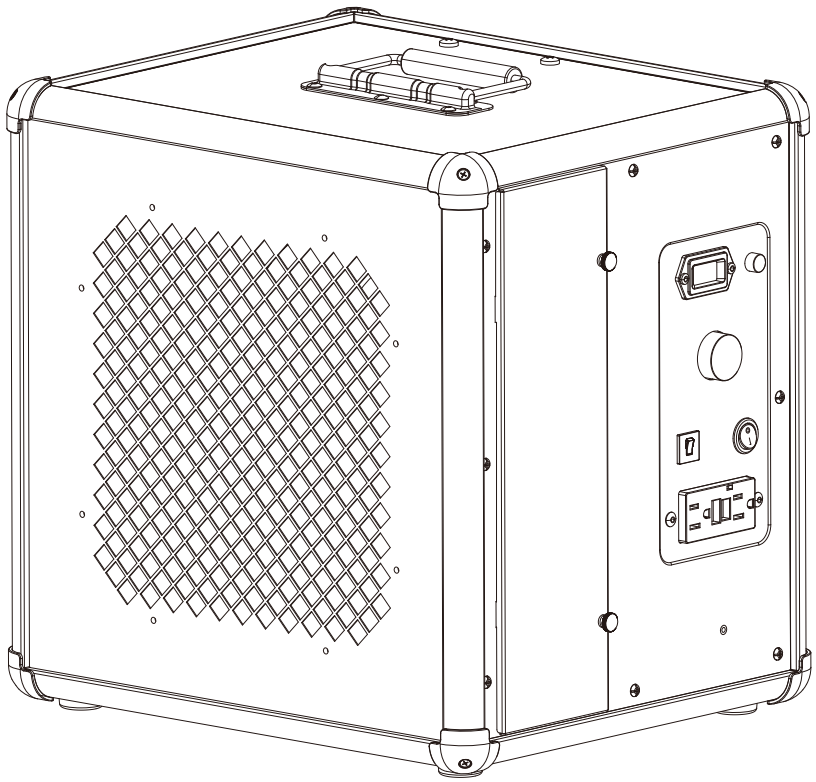
User's Manual



HEPA 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.

WARNING

When unpacking, please check whether the air filter is damaged during transportation.
Power cords damaged by squeezing or pulling may be dangerous when in use and should be replaced immediately. There is a serious risk of personal injury if you continue to use it.
Please note that HEPA UVIG can only be used for parts approved by Abestorm.
Using unauthorized parts or making changes to the machine will invalidate your warranty.
Do not connect this machine to an unconnected grounded socket. There is a risk of personal injury.
This machine shall not be used in an environment where explosive gases may exist. Otherwise, there will be a serious risk of explosion.
Plug the three-pin plug directly into the socket with a ground fault circuit disconnect device.
This device does not require an adapter. (rated to use 110V-120V AC / 60Hz power input) using incorrect large power input will cause serious equipment damage and personal injury risk.
Do not use this machine in stagnant water.
If the electrical parts are wet, they must be dry before use.
Please read the safety instructions carefully before using this machine.

Product introduction

HEPA UVIG is a convenient filtration system to purify the air. HEPA UVIG uses an effective mixture of airflow and advanced filtration to expel particles from the air, such as mold spores, dust, pollen and pet dandruff. HEPA UVIG is very suitable for flood damage and fire repair, as well as building cutting and wood cutting protection.

IDENTIFICATION

Congratulations on purchasing a HEPA UVIG 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 DOES IT WORK?

1.When HEPA UVIG is turned on. HEPA UVIG inhales air through two types of filters-a pre-filter and a HEPA and activated carbon composite filter.

2. The first stage filtration, namely pre-filter, captures large particles; the second stage filtration, namely HEPA filter, captures smaller particles, which can be reduced to 0.3 microns; and the third stage filtration, namely activated carbon filtration, absorbs dozens of harmful substances such as formaldehyde, benzene series, ammonia, radon, TVOC, etc.

SPECIAL FEATURES

Daisy-Chain Capability

Using the auxiliary outlet on the control panel, you can link up to 3 units together, creating a maximum airflow 1800 CFM. You can also daisy-chain the machines when they are stacked vertically (limit of 2 units).

Daisy-Chain Capability

HEPA UVIG can be operated in the vertical position, as well as when stacked vertically (up to 2 units).

Instruction setting

1.Place HEPA UVIG so that it is in a vertical position.
2.Put it in a standard 115 volt socket. Note: each machine needs 3 amperes to run.
3.The unit and adjustment speed on the power supply are controlled by rotation.

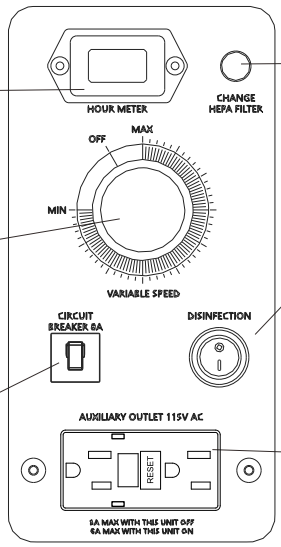
Control panel

Variable speed

Timer (used to count the total use time of the air scrubber)

Switch wind speed control knob

Recoverable overload protection switch

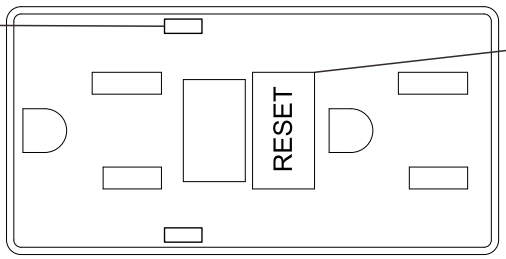


Filter replacement prompt light (please replace the high-efficiency filter when it is on)

Disinfection function switch (can turn on or off the negative ion sterilizer and UV lamp sterilizer)

GFCI socket (more devices can be linked)

Leakage protection indicator



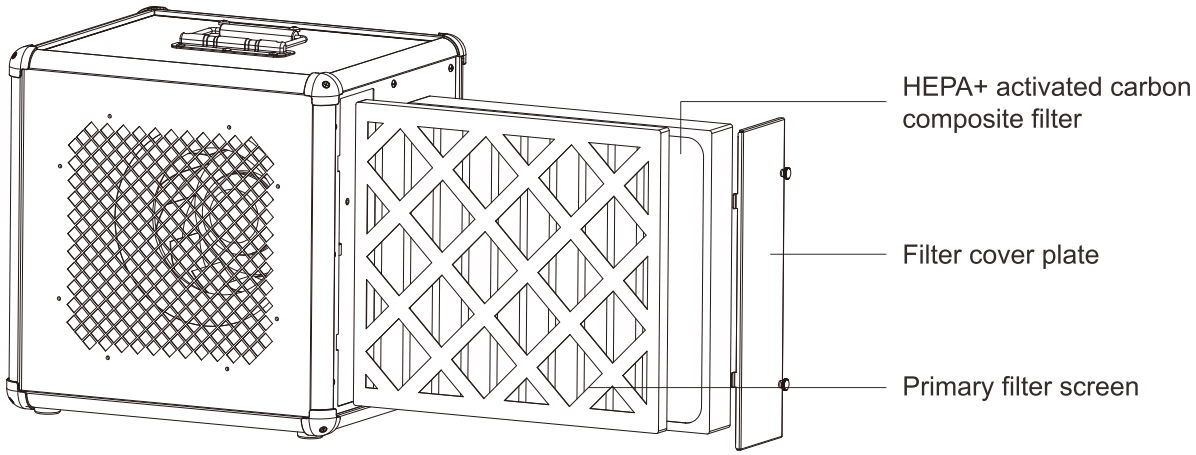
Leakage protection switch button

1. When you use the unit, first turn on the leakage protection switch and the protection indicator lights up, indicating that the device with leakage protection has been put into operation.
2. After turning the machine on, turn the wind speed control clockwise to turn the machine on and turn it counterclockwise to turn it OFF.
3. After turning on the machine, you can press the disinfection switch button to turn the disinfection function (negative ion sterilizer, ultraviolet lamp sterilizer) ON or OFF, Note: This function can only be turned on when the machine is running.
   Note: The unit will turn on the UV-C light every 4 hours for 3 minutes each time to sterilize the inside of the equipment and the filter.

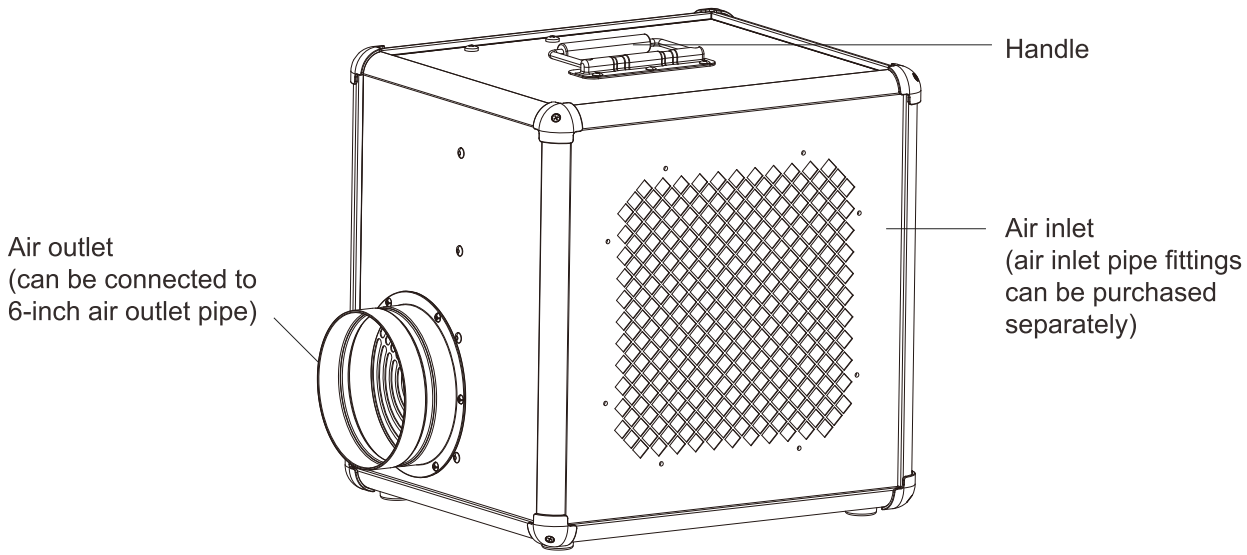
If a space requires more air filters, you can use "GFCI" to connect to up to 3 HEPA UVIG When the unit is shut down, the maximum allowable current of the external "GFCI" is 8A. When the device is turned on, the maximum allowable current of the external "GFCI" is 6A. Other devices can also be plugged into the HEPA UVIG "GFCI" socket, as long as it does not exceed the maximum current.
When a current of more than 12 amperes passes through the circuit, the circuit breaker switch protection will be disconnected within an hour. Circuit breaker switch when there is more than 16 amperes of current passing through the circuit, the circuit breaker switch protection device will be disconnected in an instant. If this happens, the switch will cut off the power to the equipment. It is necessary to disconnect the external equipment or turn on the circuit breaker switch protection again after checking the circuit to power HEPA UVIG again.

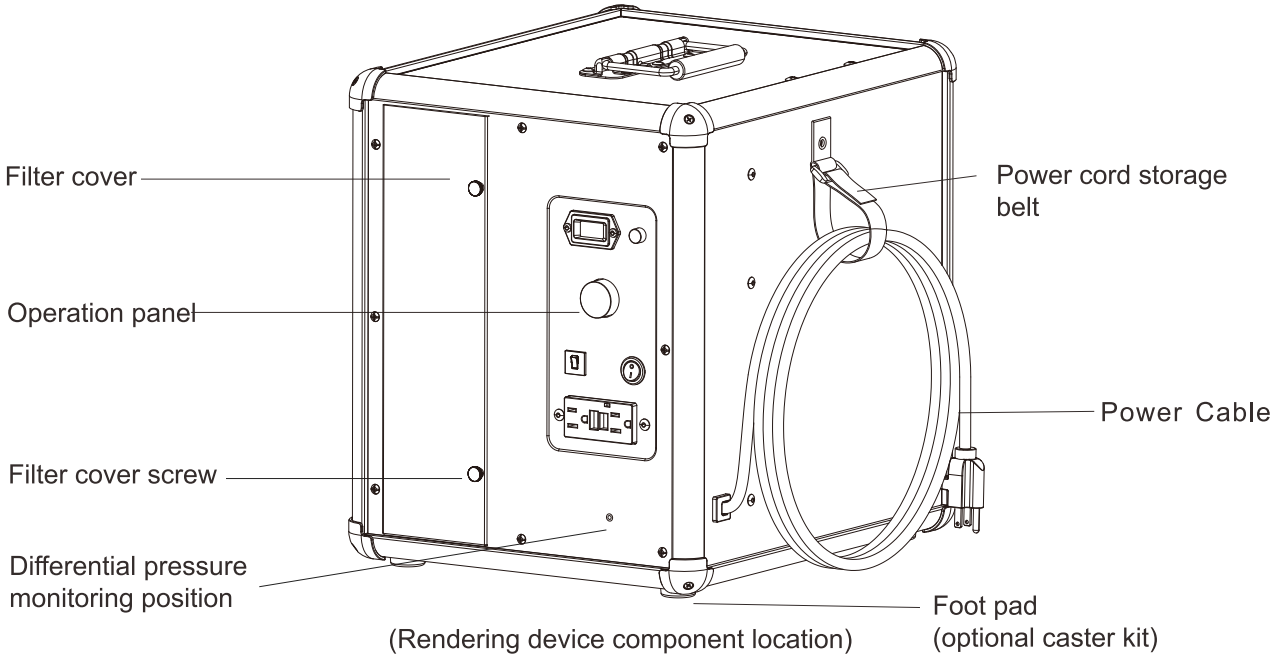
Replace the filter

It is recommended that the pre-filter be replaced after each repair job. If the filter screen replacement indicator is on, replace the HEPA compound filter.
Risk warning: harmful dust can spread when prefilters and composite filters are replaced. Therefore, users should wear protective glasses, protective gloves and breathing masks that meet the FFP2 protection level.
Filter replacement method:
1. Loosen the 4 screws that secure the filter plate and remove the filter cover.
2. Slide out of the old filter.
3. Remove the used filter and replace it with the new filter.
4. Reinstall the filter cover.

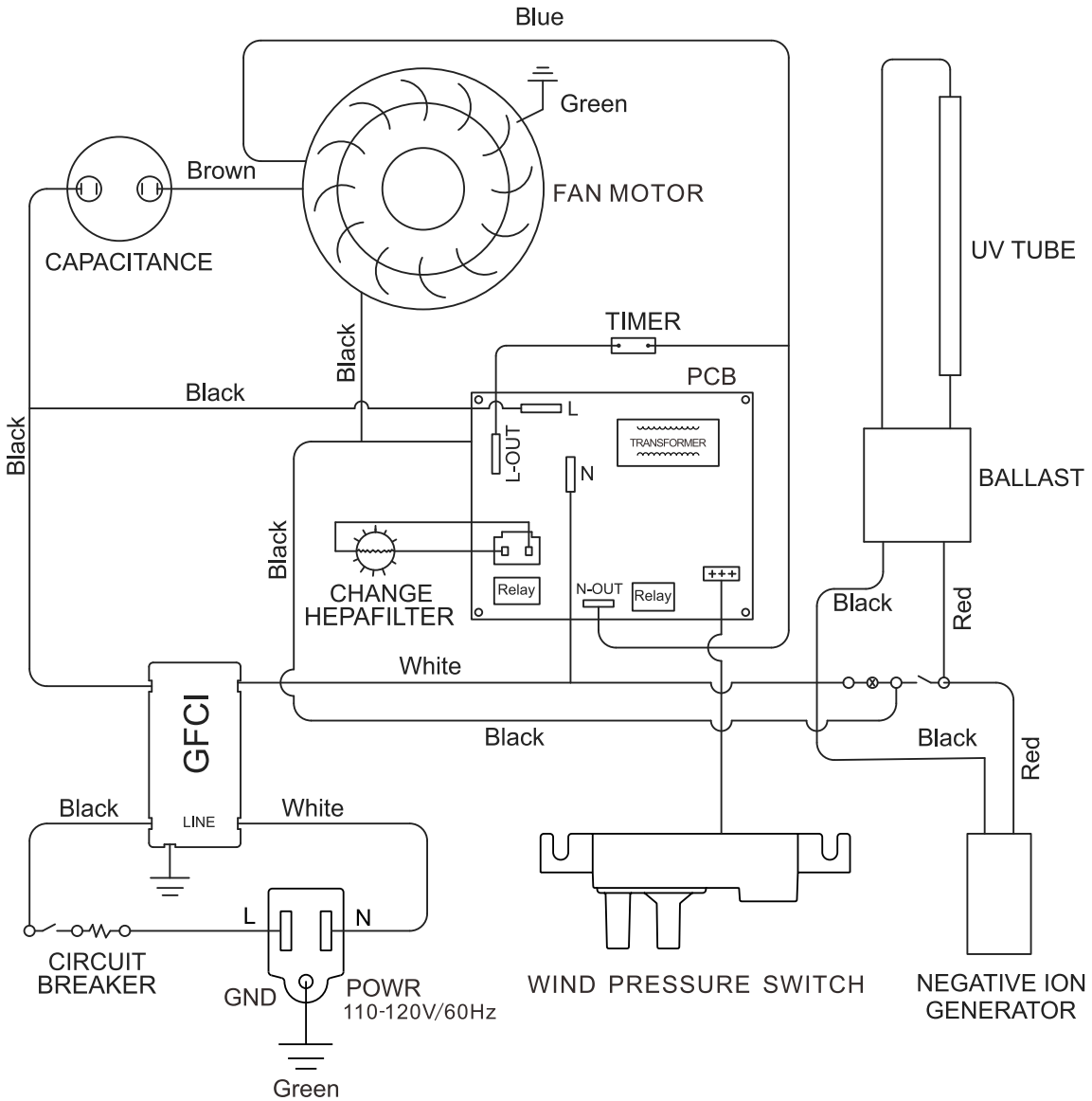


(Render schematic filter screen change position)





(Rendering device component location)



APPLIED SCENARIO

Flood damage repair

In this application,HEPA UVIG should be placed in the center of the affected area. HEPA UVIG will inhale the air, filter the air, and then blow out fresh clean air. To start this process, just turn on the air scrubber and it will start cleaning the air. Keep in mind that if you are in a large area or one separated by a wall, you may need several air purifiers to effectively clean the air.

Odor control

HEPA UVIG is also excellent in odor control when used. Simply place the composite filter in a filter tank, which will capture a variety of odor-causing gas molecules, such as volatile organic compounds (VOC's), smoke, soot and paint smoke.

Other uses

HEPA UVIG is also useful in many other applications, including mold repair, fire damage, dust control and the construction industry.

WARNING!

Respiratory hazard

When using HEPA UVIG in a safe zone, the air scrubber must be powered off and then the combustion equipment, such as fireplaces, stoves, water heaters and HVAC systems, must be turned on to avoid the risk of carbon monoxide smoke returning.
If the filter replacement prompt lamp lights up during the repair process, replace the HEPA filter immediately. Otherwise, it is easy to cause the collected dust to be blown out again, causing harm to the human body.

Dumping danger

Be careful when stacking units, do not stack more than two units. Dropped equipment may cause personal injury.
Please make sure that the assembly area is firm when in use, so that the air scrubber will not turn over. Avoid the risk of personal and material injury.

WARNING!

The machine shall not be used in an environment where explosive gases may exist. Exposure to this environment will result in a serious explosion hazard.
The machine should be turned off at the switch before connecting the power cord to the lead. If the switch is in the on position, sparks will occur between the power lead contacts.

SERVICE WARNING

When carrying out maintenance work, please remove the plug from the wall socket.

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

PERSONAL INJURY RISK WARNING

When the primary filter screen and HEPA compound filter are replaced, the dust harmful to health will be diffused. Therefore, users should wear protective glasses, protective gloves and breathing masks that meet the FFP2 protection level.
Don't pierce the filter. The puncture filter has the risk of dust diffusion.
In a humid environment, the service life of the HEPA composite filter will be reduced, and if it comes into contact with water, it may be completely destroyed.
Primary filter and HEPA compound filter cannot be cleaned and must be replaced when dust accumulates. (when the filter prompt light is on, the HEPA composite filter needs to be replaced, and the timely replacement of the primary filter can improve the service life of the HEPA composite filter.)

Common failures and solutions:

problem	Cause	Process
The fan cannot be started.	The device is not powered on. Defects in the power cord. The defect of the switch.	Check to see if the connected cable is powered on. Check to see if the switch is on. Seek supplier to replace damaged parts.
The fan stops as soon as it was turned on.	Incorrect access to power supply. Fuse burn-out.vvva	Seek after-sales solutions from suppliers. Replace a new fuse.v
The fan operates normally, but the suction is poor.	Filter clogging. The filter cover is loose.	Replace the filter. Adjust filter cover seal.
Unit dust blowing	The filter is defective or loose.	Adjust filter status or replace filter.
Abnormal noise	Internal deformation caused by transportation	Seek after-sales solutions from suppliers

Warranty regulations
(refer to the warranty regulations of HEPA 550)


ABESTORM