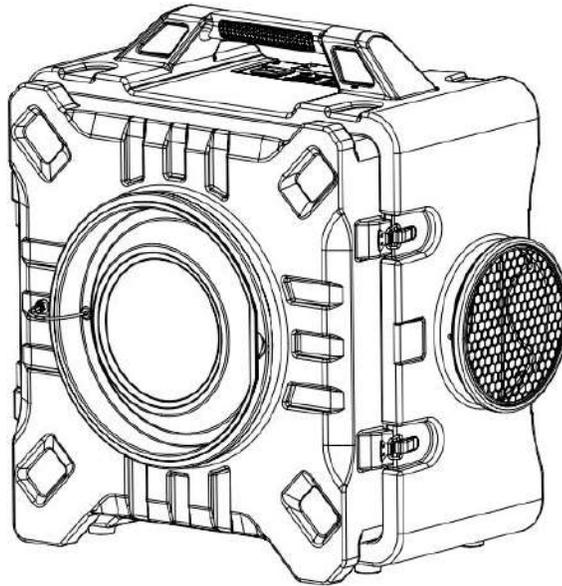


— Restoration & Moisture & Ventilation —

Owner's Manual

patron[®]



AS-550

READ AND SAVE THESE INSTRUCTIONS

WARNING!

Please note that the air scrubber should only be used with parts approved by supplier. 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 air scrubber is a convenient filtration system that cleans the air. The air scrubber uses an effective blend of air flow and advanced filtration to expel airborne particles like mold spores, dust, pollen, and pet dander. The air scrubber is ideal for restoration jobs, including water, sewage, and fire.

IDENTIFICATION

Congratulations on purchasing this 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

When set to maximum airflow, scrubbers pass through three types of filters -- pre-filters, activated carbon filters and H13 HEPA filters.

1. Pre-Filter

The first phase of filtration, the pre-filter, Captures initial dust and allergen particles.

2. Activated Carbon Filter

Multi-pore impregnated activated carbon can strongly adsorb VOC and remove formaldehyde. High-quality impregnated activated carbon has developed pore structure and can firmly adsorb formaldehyde, VOC and other gaseous pollutants. After the impregnation of the active solution, the active molecules in the carbon hole can gradually remove the absorbed part of formaldehyde.

3. HEPA Filter (H13)

The third stage of filtration, the HEPA filter, captures even smaller particles, up to 0.3 microns. Helps control and prevent the growth of bacteria, bacteria and molds. Capturing 99.99% of dust and allergens.

4. 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.

SPECIAL FEATURES

Daisy-Chain Capability

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

Multi-Positional

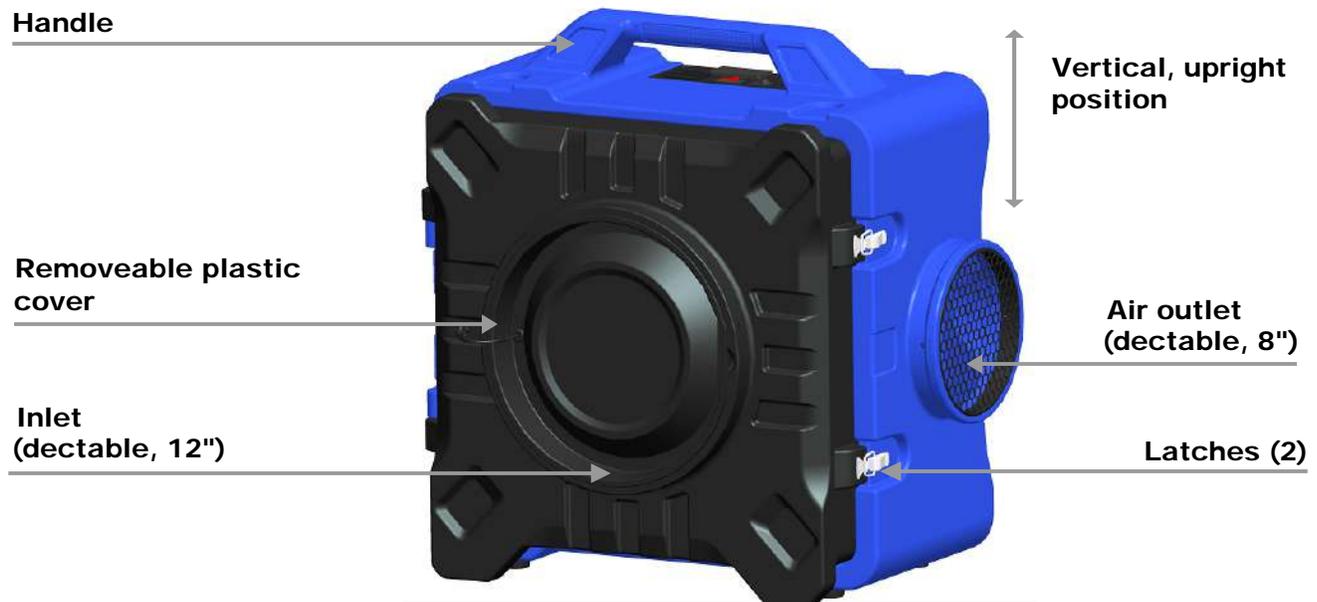
The air scrubber can be operated in the vertical position, as well as, when stacked vertically (up to 2 units). When storing, the machines can be stacked horizontally to save space.

Removable Intake Panel

The air scrubber 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. 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 air scrubber so that it is in the upright, vertical position.
2. Plug the machine into a standard 120 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 280 CFM.
4. The air scrubber can be operated in the vertical or horizontal position, depending on the exact situation. At this point, adjust the machine to the optimal position.
5. When the machine total working time up to 2000 hours, the filter change warning light will blink with buzzing on control panel to remind changing filters. (To reset the machine, need to push the UV-C light switch 3 times continuously in 5 seconds to Reset the filter service time).
6. UV-C sterilization lamp fault detection function: when the UV-C sterilization lamp does not work, the buzzer will keep ringing.

THE CONTROL PANEL

Variable Speed Control

Variable speed control is used to adjust the power of the machine. Turn the knob in a clockwise direction, to increase the speed from minimum speed to maximum, the minimum speed setting is located immediately close to OFF.

Auxiliary Outlet

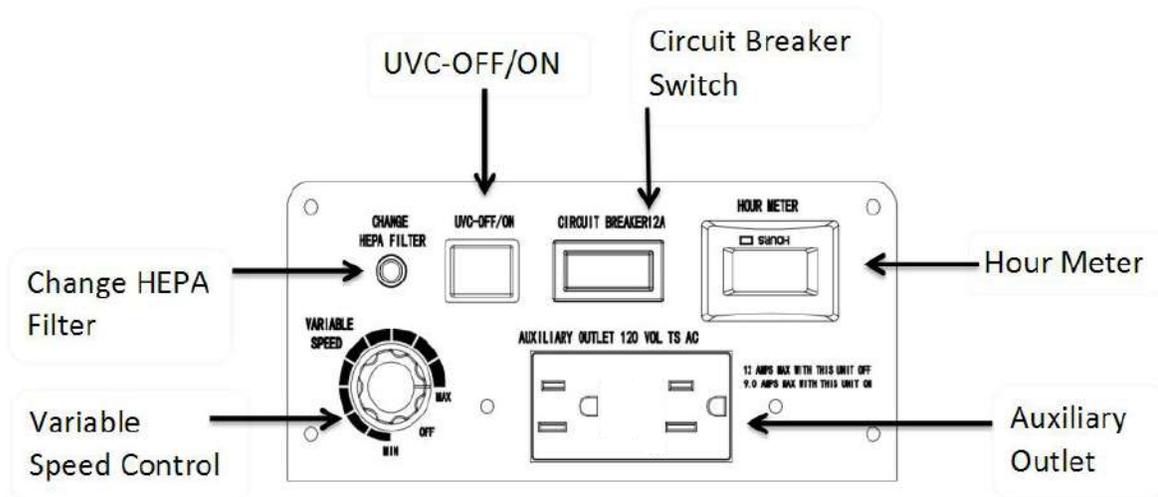
If more air filtration is necessary for a space, you can "daisy chain" or link up to 3 air scrubber to the same outlet. There is a maximum amperage of 12 when the units are turned off, a maximum of 9 amps when the units are turned on. Other equipment can be plugged into the same outlet as the air scrubber 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.

Timer

Used to time the running time of the device. Start timing when the device is running, and pause timing when the device is stopped.



CHANGING THE FILTERS

1. Loosen the 2 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 HE PA/Activated Carbon Filter.

APPLICATIONS

Water Damage

In this application, the **air scrubber** 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 air scrubber, 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 air scrubber is also useful in many other applications including mold remediation, fire damage, dust control, and sewage remediation.

WARNING!

Breathing Hazard

When using the air scrubber in a containment area, always turn off power to open combustion appliances, such as fireplaces, furnaces, water heaters, and HVAC systems, to avoid the risk of

back drafting 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 3 units on top of each other.
- Falling equipment could cause bodily harm.

WARNING!

WARNING: To reduce the risk of electric shock, do not expose to water or rain.

WARNING: NOT SUITABLE FOR USE WITH SOLID-STATE SPEED CONTROLS.

To reduce the risk of electric shock, connect only to an outlet provided with a ground fault circuit interrupting device.

CAUTION: To reduce the risk of electric shock, connect only to an outlet provided with a ground fault circuit interrupting device.

WARNING - Skin or eye damage may result from directly viewing the light produced by the lamp in this apparatus. Always disconnect power before relamping or servicing. Replace lamp with lamp ZW4S15W-Z135, DC20V, 160mA 100-280nm.

SAFETY NOTES

- Always unplug the unit prior to performing any maintenance.
- Check the power cord for damage (fraying, cuts, etc.) before use.
- 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 airflow restriction change the filter.
- Make sure the unit is dry prior to installing clean filters.
- When using the air scrubber for remediation purposes, replace both filters at the same time and always clean machine in between jobs. This will help prevent cross contamination.

WARRANTY

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

Customer Responsibilities: In order to take advantage of the warranty service, the customer must do the following:

1. Customer must provide normal care and maintenance (including, but not limited to cleaning filters)
2. Removal and re-installation of unit is the sole responsibility of owner.
3. If customer cannot return unit to 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 customer.
4. If shipped, customer is responsible for all risk of loss or damage.

Warranty Exclusions:

DAMAGE DUE TO THE FOLLOWING IS NOT covered under warranty

1. Acts of Nature- including but not limited to:
 - Flooding
 - Fire
 - Water damage
 - Hurricane/storm
 - Damage
2. IMPROPER USAGE- Including but not limited to:
 - Misuse, abuse, or tampering whether intentional or accidental
 - Improper installation or design
 - Improper voltage
 - Lack of normal care
 - Failure to follow instructions
3. Corrosion
4. Freezing
5. Any additional costs due to changes in laws or building codes
6. Freight charges
7. Any costs due to lost profit or delay
8. Damage to property
9. Cause beyond control
10. Consumable parts, including but not limited to:
 - Filters
 - Batteries
 - Power cords
 - Valves
 - Switches
 - Rubber parts
11. Direct, indirect, collateral or inconsequential damages of any kind

Wiring Diagram

