

ABOUT FILTERS AND SERVICE LIFE

The life spans of the individual filters are:

STAGE 1 PREFILTER: 3 to 6 months

STAGE 2 HEPA FILTER: 2 to 5 years

STAGE 3 INNER BLANKET: 6 to 12 months

V.O.C. CARTRIDGE: 6 to 12 months (optional)

The useful service life of the filters is directly related to the volume of air passed through the system and the amount of contaminants in the air. If your indoor air contains abnormally high levels of airborne contaminants (such as cigarette smoke) the life of the filters may be shortened.

The HEPA filter's particulate removal efficiency actually improves with use as it loads up with particulates. However, as it loads up it also becomes more difficult to move air through the system. If you notice a significant drop in air flow from the unit, inspect the HEPA filter. If the filter media is darkened on the outer side, the HEPA filter should be replaced.

Specifications (all models)

CLASSIFICATION

- Portable HEPA (High Efficiency Particulate Air) 100% Sealed Air Cleaning Device
- U.L. and C.S.A. approved

MATERIALS: 24 gauge cold rolled steel

FINISH: Powder coated baked enamel

COLORS: Black, White & Sandstone

INTAKE (Lower Section)

Perforated steel enclosure surrounding a three-stage filter assembly.

OUTFLOW (Upper Section)

Encloses motor/fan.

MOTOR/FAN

- Thermally protected Class "B" insulated motor
- Designed for continuous operation
- Run Tested for 50,000 hours
- Service: 120 Volt, 60 Hz or 230 Volt, 50/60 Hz

CONTROL: Variable speed

Model 2550

DIMENSIONS: 16" W 13.5"H

WEIGHT: 15 lbs.

AIR FLOW (C.F.M.): 50-175

POWER USAGE: 41-84 Watts

HEPA AREA: 50 sq.ft.



Model 3050

DIMENSIONS: 16" W 23"H

WEIGHT: 22 lbs.

AIR FLOW (C.F.M.): 50-225

POWER USAGE: 41-84 Watts

HEPA AREA: 100 sq.ft.



Portable Air Filtration Systems

Instruction Manual Models 2550 & 3050

Keep this manual for reference purposes



LIMITED WARRANTY

The motor/fan in this Amaircare® product is warranted by Americair Corporation to the original retail purchaser for FIVE (5) YEARS from the date of purchase. All other components (except filters) are warranted for ONE (1) YEAR. Americair will repair or replace at its option the component(s) which upon inspection by an authorized Amaircare® dealer proves to have failed in normal use, due to defects in material or workmanship, or, at its option, to replace the unit. Operations other than those recommended in this manual or at voltages other than that specified on the unit, or any attempts by unauthorized personnel to service or modify the unit will void the warranty.

WARRANTY SERVICE IS AVAILABLE BY BRINGING YOUR UNIT, OR SENDING IT POSTAGE PREPAID, WITH PROOF OF PURCHASE TO THE VENDOR WHO SOLD YOU THE UNIT.

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Visit us on the Web at: www.amaircare.com



Cleaning the air you breathe.

Thank you for purchasing an Amaircare® portable air filtration system. With proper care and maintenance, your Amaircare® system will provide many years of reliable service, improving the quality of your air.

INSTALLATION

1. Place the unit in the area where you want the cleanest air.
2. Plug the unit into a grounded outlet. The cord has either a 110V or a 220V plug depending on the area in which the unit was sold.
3. Turn the unit on by rotating the control dial until you hear or feel it click. The unit will start on the "HIGH" position. To reduce the airflow continue to rotate the control dial clockwise.
4. To turn the unit off, rotate the control dial counter-clockwise passed the "HIGH" position until you hear or feel the click.

CAUTION

1. Make sure the cord is not in the path of people walking or where anything can be rolled over it.
2. Do not place any objects on top of the unit or allow anyone to sit on it.
3. NEVER place any liquids or plants on the unit. Moisture could leak into the unit and damage the filter media or electrical components.
4. The air filtration system discharges the cleaned air through the vents near the top on two of the six sides. On "HIGH" the velocity of the air coming out is high to enhance circulation throughout the area being cleaned. If the airflow is bothersome or creates a draft, turn the unit until the air is directed toward an unoccupied area of the room.

NOTE: You may notice a slight "new" smell from the unit when your first turn it on. This is normal and harmless and will dissipate within a few days.

THREE-STAGE FILTRATION

STAGE 1: Prefilter

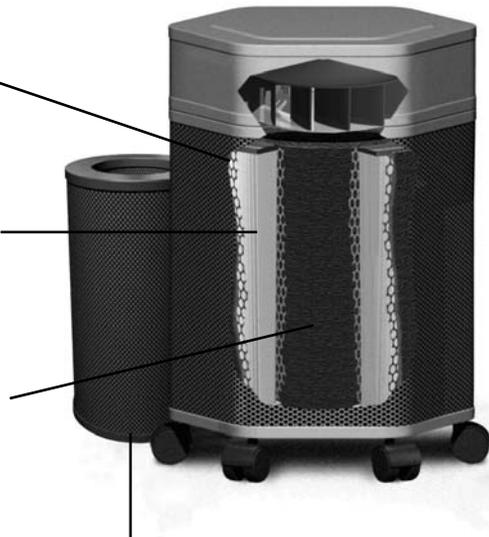
Removes large particulates and odors. Extends the life of the HEPA filter.

STAGE 2: HEPA filter

99.97% efficient @ 0.3 microns. Removes dust, pollen, bacteria, animal dander, attached viruses, cigarette smoke, radon daughters and more.

STAGE 3: V.O.C. filter

Removes odors and hazardous chemicals that may off-gas from cleaners, paints, solvents, carpets, furniture and other items containing synthetic materials.

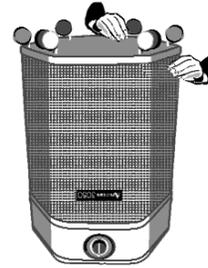


OPTIONAL V.O.C. CARTRIDGE FOR HEAVY-DUTY REMOVAL OF GASES AND ODORS

FILTER REPLACEMENT INSTRUCTIONS

Opening the cabinet

1. Turn the unit off and unplug it.
2. Remove the child-proof access screw at the back near the bottom of the unit. Do not discard it as you will need it later.
3. To remove the eleven buttons located around the bottom edge, press down on the bottom cover. At the same time, press against the perforated screen directly below a button. The button will pop out slightly. Pull the button out all the way. Repeat for all eleven buttons. Once all eleven buttons are out, remove the metal cover.



Pre-filter

1. Lift the complete filter cartridge assembly from the unit. Remove and discard the carbon prefilter.
2. Wrap the new prefilter around the HEPA cartridge completely enclosing it. Peel off the adhesive strip backing and press the filter together to seal it.
3. Put the filter cartridge back in the unit with the O-ring placed between the filter and the bottom cover..



HEPA filter

1. Remove and carefully discard the old HEPA cartridge.
2. Insert a new HEPA cartridge, complete with new Pre-filter and Inner Blanket.
3. Place a new O-ring seal in the outer groove in the top of the HEPA cartridge. If the O-ring appears too big, pinch it in several places until it fits in the groove.

Inner Blanket

1. Fold the ends of the old Inner Blanket in and remove it from the unit.
2. Insert the new Inner Blanket inside the HEPA filter with the edges overlapped by at least one inch. Once it is in position press the Inner Blanket tightly against the inner screen until the ends butt together.



V.O.C. Cartridge (OPTIONAL)

The V.O.C. Cartridge is used in place of the Inner Blanket.

1. Carefully slide the V.O.C. Cartridge into the HEPA filter. Do not drop it as it is heavy and may damage the unit.



Closing the cabinet

1. Position the bottom cover on the unit with the child-proof access screw hole at the rear of the unit.
2. Replace the buttons by applying firm pressure to the bottom cover to align the holes and insert the buttons.
3. Replace the child-proof access screw. Plug the unit in and turn it on.