

Portable Air Filtration System

Instruction Manual
Model 5000

Read and
keep this manual for
reference purposes



BEAM
HEPA AIR FILTRATION SYSTEMS

by
Electrolux

Thank you for purchasing a Beam® portable air filtration system. With proper care and maintenance, your Beam® 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.
3. To turn the unit on, press any of the 3 available speeds: 'LOW', 'MED' or 'HIGH'. An LED will illuminate indicating the current speed of operation. Three of the four available filter lights will also illuminate, showing which filters are in operation. To turn the unit off, press the 'OFF' button. All LED's will go out, indicating the unit is off.
4. The default LED filter monitoring light setting for the third stage filter is on "V.O.C. Blanket". If you have upgraded to the V.O.C. Canister, you need to reset the third stage filter monitor. Press and hold the V.O.C. Canister button for 3 seconds to activate the V.O.C. Canister timer. When the operation is complete, the LED for the V.O.C. Blanket will go out and the LED for the V.O.C. Canister will illuminate. You can reverse the monitor back to the V.O.C. Blanket by pressing and holding the V.O.C. Blanket button for 3 seconds.

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 bottom on four 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.

FOUR-STAGE FILTRATION

STAGE 1: Prefilter

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

STAGE 2: Silver Prefilter

Provides Antimicrobial protection

STAGE 3: HEPA filter

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

STAGE 4: 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.

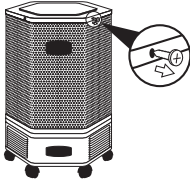


FILTER REPLACEMENT INSTRUCTIONS

NOTE: Your unit is equipped with an automated filter timer. Inspect the filters for replacement when the corresponding filter lights on the control panel begin to flash.

Opening the cabinet

1. Turn the unit off and unplug it.
2. Unscrew the 5 lid screws. Once all five screws are out, remove the metal cover.



Pre-filters

1. Lift the complete filter cartridge assembly from the unit. Remove and discard the carbon prefilter. Discard the silver prefilter only if it requires changing.
2. Wrap the silver prefilter around the HEPA cartridge, then wrap the new prefilter around the HEPA cartridge completely enclosing it. Use the 3 butterfly clips provided to hold the filters tightly around the HEPA cartridge.



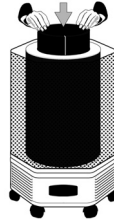
3. Put the filter cartridge back in the unit.

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.



Closing the cabinet

1. Position the top cover on the unit with the centered screw hole at the rear of the unit.
2. To replace the lid screws, apply firm pressure to the top cover to align the holes and then insert and fasten screws.
3. Plug the unit in and turn it on.
4. With the unit on, press and hold the filter buttons for 3 seconds to reset the timer(s) for any filter(s) you have replaced. The LED lights for the corresponding filters should stop flashing and remain lit.

HEPA Filter Replacement

As the HEPA filter captures particulates, it will darken over time. Replace the HEPA filter when it darkens to example D.

A. New B. Used C. Used D. Replace



ABOUT FILTERS AND SERVICE LIFE

The life spans of the individual filters are:

STAGE 1 PREFILTER: 3 to 6 months

STAGE 3 HEPA FILTER: 2 to 5 years

STAGE 4 INNER BLANKET: 6 to 12 months

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.

BEAM MODEL 5000 Replacement Filters

Part Number	Part	Description
172034	HEPA Cartridge Replacement 16"	Replacement HEPA for 5000
172033	Annual Filter Kit 16" - Standard	3 Carbon Prefilter, 1 Silver Prefilter, 2 Carbon Inner Blankets for 5000

Specifications

CLASSIFICATION

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

MATERIALS: 24 gauge cold rolled steel

FINISH: Powder coated baked enamel

COLORS: Alloy

INTAKE (Upper Section)

Perforated steel enclosure surrounding a three-stage filter assembly.

OUTFLOW (Lower Section)

Encloses motor/fan.

Model 5000

DIMENSIONS: 16" W 23"H

WEIGHT: 22 lbs.

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

POWER USAGE: 41-84 Watts



MOTOR/FAN

- Thermally protected Class "B" insulated motor
- Designed for continuous operation
- Run tested for 50,000 hours
- Service: 120 Volt, 60 Hz.

CONTROL: Variable speed

Electrolux Central Vacuum Systems

1700 W. Second

Webster City, IA USA 50595

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