

MOBILE TRUE HEPA AIR CLEANER & VOC FILTER

Description

- The Evolution Air Mobile True HEPA Air Cleaner & VOC Filter has been designed to remove 99.97% of atmospheric dust, coal dust, insecticide dust, mites, pollen, mold spores, fungi, bacteria, viruses, pet dander, cooking smoke and grease, tobacco & cannabis smoke particles, and more down to 0.3 micron (1/84,000 of an inch) on the first pass of air. As the HEPA filter becomes dirtier with time, it becomes more efficient and can capture particles as small as 0.001 micron.
- It also removes odors (with Carbon Prefilter and Carbon VOC After Filter) and heavy-duty odors and fumes (with optional Carbon/Potassium Permanganate VOC Filter).
- Ideal for commercial applications such as medical/dental labs, cafeterias, food preparation areas, garbage rooms, grow-ops, medical marijuana dispensaries, health care facilities, nursing homes, offices, print shops, locker rooms, veterinary clinics and much more.

Standard Features

- Activated Carbon Prefilter removes lint and unpleasant odors, to extend life of HEPA Filter.
- Long-life, Certified True HEPA (High Efficiency Particulate Air) Filter is a minimum 99.97% efficient at removing particles 0.3 micron in size.
- Carbon VOC (Volatile Organic Compound) Filter removes additional unpleasant odors and gases.
- Carbon/Potassium Permanganate VOC Filter (optional upgrade) removes heavy-duty odors and fumes such as formaldehyde, heptane, tetrachloroethylene, toluene, etc. that are off-gased from carpets, cabinets, furniture, paints, pesticides, personal care products, cleaners, etc.
- Powerful German Motor with two-speed fan delivers 360/600 CFM of pure air.
- Limited 5 Year Warranty.



- Large handle and swivel rubber castors for easy maneuvering.
- 10 foot power cord.

Cabinet Construction Features

- Heavy gauge steel cabinet and TGIC environmentally-friendly, powder coat paint finish for corrosion resistance and durability. Easy to wipe clean and sterilize.
- Plastic intake and exhaust grills.

Replacement Filters

PART NO.	DESCRIPTION	REPLACE EVERY
W5-0860-3	Certified True HEPA Filter 6"	3-5 years
W5-0810	Carbon Prefilter 1"	3-6 months
W5-0820	Carbon VOC After Filter 2" (standard)	6-12 months
W5-0885	Carbon/Potassium Permanganate VOC After Filter 2" (optional upgrade)	6-12 months

SPECIFICATIONS

Dimensions	Length Width Height (including casters)	21.5 in 20.5 in 31.5 in	54.5 cm 52.0 cm 80.0 cm
Unit Weight		88.0 lbs	39.9 kg
Input Voltage		120 v 60 hz	
Power Consumption		215 watts	
Air Flow	Low High	360 cfm 600 cfm	601 m ³ /hr 1002 m ³ /hr
Cabinet		18 gauge	
Power Cord		10.0 ft	3.05 m
Filter Dimensions	Carbon Prefilter HEPA Filter Carbon VOC Filter Carbon/Potassium VOC Filter	19.5 x 19.5 x 1 in 19.5 x 19.5 x 6 in 19.5 x 19.5 x 2 in 19.5 x 19.5 x 2 in	49.5 x 49.5 x 2.5 cm 49.5 x 49.5 x 15.3 cm 49.5 x 49.5 x 5.0 cm 49.5 x 49.5 x 5.0 cm
Carbon Prefilter Collecting Surface Area		6.3 ft ²	0.585 m ²
HEPA Collecting Surface Area		188 ft ²	17.5 m ²
VOC Filter Collecting Surface Area		9.5 ft ²	0.883 m ²

HOW IT WORKS

Air is drawn in through the top of the unit to the Activated Carbon Prefilter (1 inch pleated, activated carbon impregnated polyester filter) which removes lint and odours before they enter the HEPA filter.

Smaller particles then pass through a long-life, True HEPA (High Efficiency Particulate Air) Filter which captures 99.97% of particles 0.3 micron (1/84,000 of an inch) and larger. This 6 inch filter has more than 188 ft² of collection surface area.

Air is then drawn through a Carbon VOC (Volatile Organic Compound) Filter (2 inch) to remove unpleasant odors and gases, or an optional Carbon/Potassium Permanganate VOC Filter (2 inch) to remove noxious odors and fumes like formaldehyde, heptane, tetrachloroethylene, toluene, etc. that are off-gased from carpets, cabinets, furniture, paints, pesticides, personal care products, cleaners, etc.

Clean air is discharged from two sides of the unit.

Manufacturer reserves the right to discontinue or change at any time, specifications or designs without notice or without incurring obligations. Performance of the Air Cleaners will depend on house plan design, duct design and heating/cooling equipment.



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YOUR DEALER