

## MOBILE TRUE HEPA AIR CLEANER & VOC FILTER



### Description

- The Electro-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 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 Cafeterias, Food Preparation Areas, Day Care Centers, Hair/ Nail Salons, Hotels, Health Care Facilities, Medical/ Dental Labs, Nursing Homes, Offices, Portable Classrooms, Print Shops, Recreation/ Fitness Centers and Veterinary Clinics.

### Standard Features

- Long-life, Certified True HEPA (High Efficiency Particulate Air) Filter is a minimum 99.97% efficient at removing particles 0.3 micron in size.
- Activated Carbon Prefilter removes lint and unpleasant odors, to extend life of HEPA Filter.
- Carbon VOC (Volatile Organic Compound) Filter removes additional unpleasant odors and gases (included with Model HEPA600M-3).
- 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 European Motor with two-speed fan delivers 360/600 CFM of pure air.



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

### Cabinet Construction Features

- Heavy gauge steel cabinet and powder coat paint finish for corrosion resistance and durability.
- Plastic intake and exhaust grills.

### Media Replacement Filters

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

## SPECIFICATIONS

<b>Dimensions</b>	<b>Length</b> <b>Width</b> <b>Height (including casters)</b>	21.5 in 20.5 in 31.5 in	54.5 cm 52.0 cm 80.0 cm
<b>Unit Weight</b>		88.0 lbs	39.9 kg
<b>Input Voltage</b>		120 V 60 Hz	
<b>Power Consumption</b>		215 Watts	
<b>Air Flow</b>	<b>Low</b> <b>High</b>	360 CFM 600 CFM	601 m <sup>3</sup> /hr 1002 m <sup>3</sup> /hr
<b>Cabinet</b>		18 gauge	
<b>Power Cord</b>		10.0 ft	3.05 m
<b>Filter Dimensions</b>	<b>Carbon Prefilter</b> <b>HEPA Filter</b> <b>Carbon VOC Filter</b> <b>Carbon/Potassium VOC Filter</b>	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
<b>Carbon Prefilter Collecting Surface Area</b>		6.3 ft <sup>2</sup>	0.585 m <sup>2</sup>
<b>HEPA Collecting Surface Area</b>		188 ft <sup>2</sup>	17.5 m <sup>2</sup>
<b>VOC Filter Collecting Surface Area</b>		9.5 ft <sup>2</sup>	0.883 m <sup>2</sup>

### 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 odors 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 ft<sup>2</sup> 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-gassed 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.



**PROUDLY MADE IN CANADA**

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