

WHOLE-HOUSE TRUE HEPA AIR CLEANERS



Description

- The Electro-Air True HEPA Air Cleaner has been designed to remove 99.97% of atmospheric and household 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.
- Ideal for homes with allergy, asthma or respiratory sufferers, smokers, pets, cooking odors and mustiness.
- Helps protect and prolong the operating efficiency of the heating and cooling equipment.

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 Volatile Organic Compound (VOC) After Filter removes additional unpleasant odors and gases (included with Model EAHEPA550-3).
- Carbon/Potassium Permanganate VOC Filter removes heavy duty odors and gases (optional upgrade for model EAHEPA550-3 only).
- Easy to change filters.
- Powerful European Motor delivers between 245 to 560 cfm of filtered air, depending on the model (with filters installed).
- Plug in Power Cord. No electrical wiring.
- Versatile installation can be freestanding, floor, ceiling or wall mounted.

Cabinet Construction Features

- Heavy gauge steel cabinet and powder coat paint finish resist corrosion and provide rigid installation and durability.



Media Replacement Filters

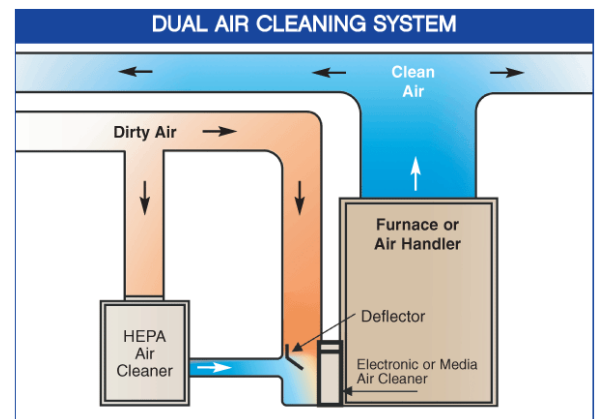
PART NO.	DESCRIPTION	REPLACE EVERY
W6-0840	Certified True HEPA Filter Cylinder for EAHEPA650	2-4 years
W6-0855	Carbon Prefilter Blanket for EAHEPA650	3-6 months
W6-0810	Inner Carbon VOC Blanket (optional) for EAHEPA650	3-6 months
W5-0860-3	True HEPA Filter 6" for EAHEPA550-3	3-5 years
W5-0810	Carbon Prefilter 1" for EAHEPA550-3	3-6 months
W5-0820	Carbon VOC After Filter 2" for EAHEPA550-3 (standard)	6-12 months
W5-0885	Carbon/Potassium Permanganate VOC After Filter 2" for EAHEPA550-3 (optional)	6-12 months
W4-0840	Certified True HEPA Filter Cylinder for EAHEPA450	2-4 years
W4-0855	Carbon Prefilter Blanket for EAHEPA450	3-6 months
W4-0810	Inner Carbon VOC Blanket for EAHEPA450 (optional)	3-6 months
W3-0840	Certified True HEPA Filter Cylinder for EAHEPA350	2-3 years
W3-0855	Carbon Prefilter Blanket for EAHEPA350	3-6 months
W3-0810	Inner Carbon VOC Blanket for EAHEPA350 (optional)	3-6 months

SPECIFICATIONS

MODELS	EAHEPA350	EAHEPA450	EAHEPA550-3	EAHEPA650
Air Flow: with all standard filters installed	245 cfm 416.5 m ³ /hr	330 cfm 561 m ³ /hr	560 cfm 952 m ³ /hr	540 cfm 918 m ³ /hr
Whole-House Air Changes/Day 1500 ft ² home 2500 ft ² home	30 air changes/day 18 air changes/day	40 air changes/day 24 air changes/day	67 air changes/day 41 air changes/day	65 air changes/day 39 air changes/day
Carbon VOC Prefilter	2.45 ft ² 0.23 m ²	3.75 ft ² 0.35 m ²	6.3 ft ² 0.585 m ²	5.1 ft ² 0.47 m ²
Certified True HEPA Filter	65 ft ² 6.04 m ²	100 ft ² 9.29 m ²	188 ft ² 17.47 m ²	133 ft ² 12.4 m ²
Carbon VOC After Filter	See Options	See Options	9.5 ft ² / 0.883 m ²	See Options
Power	120 volt 60 hz 70 watts	120 volt 60 hz 125 watts	120 volt 60 hz 215 watts	120 volt 60 hz 215 watts
Plug-In Power Cord	10.0 ft 3.05 m	10.0 ft 3.05 m	10.0 ft 3.05 m	10.0 ft 3.05 m
Cabinet Dimensions <i>L x W x H</i>	18.25 x 18.25 x 19.25 in 46.4 x 46.4 x 48.9 cm	18 x 18 x 24.5 in 45.7 x 45.7 x 62.2 cm	21.5 x 20.5 x 28.4 in 54.5 x 52.0 x 72.0 cm	18 x 18 x 30.5 45.7 x 45.7 x 77.5 cm
Intake Duct Fitting	8 in 20.3 cm	8 in 20.3 cm	12 in 30.5 cm	12 in 30.5 cm
Outflow Duct Fitting: Reversible	6 in / 15.2 cm 1 Opening	6 in / 15.2 cm 2 Openings	8 in / 20.3 cm 2 Openings	8 in / 20.3 cm 2 Openings
Unit Weight	38 lbs (17.4 kg)	51 lbs (23.1 kg)	88 lbs (39.9 kg)	57 lbs (25.9 kg)
Options Available	Carbon VOC After Filter 1.39 ft ² / 0.13 m ²	Carbon VOC After Filter 2.13 ft ² / 0.20 m ²	Carbon/ Potassium Permanganate VOC After Filter for removal of noxious odors and gases 9.5 ft ² / 0.883 m ²	Carbon VOC After Filter 2.87 ft ² / 0.27 m ²

HOW IT WORKS

Millions of airborne particulates and gases travel through the heating/cooling system 4-5 times every hour. The HEPA Air Cleaner connects to the return air duct and diverts 1/3 to 1/2 of this dirty air through a tightly sealed 3-stage filtration system. A home can reach as many as 67 whole-house air changes/day depending on the house size and model chosen. And when an Electro-Air High Efficiency Electronic or Media Air Cleaner is added to the return air, the home can achieve 96+ whole-house air changes/day (with system fan on continuous).



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

ELECTRO-AIR CANADA

351 North Rivermede Road, Concord, Ontario, Canada L4K 3N2

Tel: (416) 213-5636

Fax: (416) 213-5593

Toll Free North America: 1-800-267-8305

Email: info@fiveseasonsaircleaners.com

Web: www.fiveseasonsaircleaners.com

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
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 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 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-gassed from carpets, cabinets, furniture, paints, pesticides, personal care products, cleaners, etc.

Clean air is discharged from two sides of the unit.

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