furnaceking
home services
905-564-5464
"Cleaning the air you breathe"

MODELS
FKHEPA350, FKHEPA450
FKHEPA550-3, FKHEPA650

WHOLE-HOUSE TRUE HEPA AIR CLEANERS



Description

- The Furnace King's HEPA Air Cleaners have 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 & 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.
- 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 FKHEPA550-3).
- Carbon/Potassium Permanganate VOC Filter removes heavy duty odors and gases (optional upgrade for model FKHEPA550-3 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.
- Limited 5 Year Warranty.

Cabinet Construction Features

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

Replacement Filters

PART NO.	DESCRIPTION	REPLACE EVERY
W6-0840	Certified True HEPA Filter Cylinder for FKHEPA650	2-4 years
W6-0855	Carbon Prefilter Blanket for FKHEPA650	3-6 months
W6-0810	Inner Carbon VOC Blanket (optional) for FKHEPA650	3-6 months
W5-0860-3	True HEPA Filter 6" for FKHEPA550-3	3-5 years
W5-0810	Carbon Prefilter 1" for FKHEPA550-3	3-6 months
W5-0820	Carbon VOC After Filter 2" for FKHEPA550-3 (standard)	6-12 months
W5-0885	Carbon/Potassium Permanganate VOC After Filter 2" for FKHEPA550-3 (optional)	6-12 months
W4-0840	Certified True HEPA Filter Cylinder for FKHEPA450	2-4 years
W4-0855	Carbon Prefilter Blanket for FKHEPA450	3-6 months
W4-0810	Inner Carbon VOC Blanket for FKHEPA450 (optional)	3-6 months
W3-0840	Certified True HEPA Filter Cylinder for FKHEPA350	2-3 years
W3-0855	Carbon Prefilter Blanket for FKHEPA350	3-6 months
W3-0810	Inner Carbon VOC Blanket for FK HEPA 350 (optional)	3-6 months

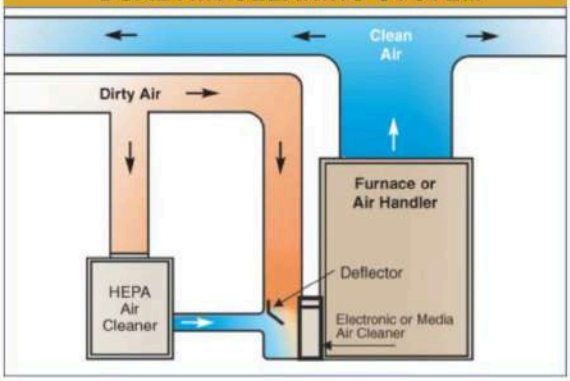
SPECIFICATIONS

MODELS	FKHEPA350	FKHEPA450	FKHEPA550-3	FKHEPA650
Air Flow: with all standard filters installed	245 cfm 416.5 m³/hr	330 cfm 561 m³/hr	560 cfm 952 m³/hr	540 cfm 918 m³/hr
Whole-House Air Changes/Day 1500 ft² home 2500 ft² 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 ft² 0.23 m²	3.75 ft² 0.35 m²	6.3 ft² 0.585 m²	5.1 ft² 0.47 m²
Certified True HEPA Filter	65 ft² 6.04 m²	100 ft² 9.29 m²	188 ft² 17.47 m²	133 ft² 12.4 m²
Carbon VOC After Filter	See Options	See Options	9.5 ft² / 0.883 m²	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 *L x W x H*	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 ft² / 0.13 m²	Carbon VOC After Filter 2.13 ft² / 0.20 m²	Carbon/ Potassium Permanganate VOC After Filter for removal of noxious odors and gases 9.5 ft² / 0.883 m²	Carbon VOC After Filter 2.87 ft² / 0.27 m²

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 Furnace King's 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).

DUAL AIR CLEANING SYSTEM



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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