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

MODELS
FKHEPADM400-VS
FKHEPADM400-VSG

DUCT MOUNT 3-IN-1 HEPA AIR CLEANER



Description

- The Furnace King's Duct Mount FKHEPADM Air Cleaners have been designed to remove atmospheric and household dust, coal dust, insecticide dust, mites, pollen, mold spores, fungi, bacteria, viruses, pet dander, cooking smoke and grease, tobacco and wood smoke particles, and more down to 0.3 micron (1/84,000 of an inch) with 99.97% efficiency on the first pass of air.
- Ideal for classrooms, daycare centers, fitness studios, hair/nail/beauty salons, dental/medical clinics, condos, homes and more.
- This unit is compact and can be installed directly on the return air vent. It can also be mounted directly to the furnace and collar mounted to the return air duct to save space.
- Helps protect and prolong the operating efficiency of the heating and cooling equipment.
- Easy to install. Easy to maintain.
- Does not produce toxins such as ozone, plasma, ionic clusters, hydroxyl radicals, peroxide radicals or Volatile Organic Compounds from plastics.

Standard Features

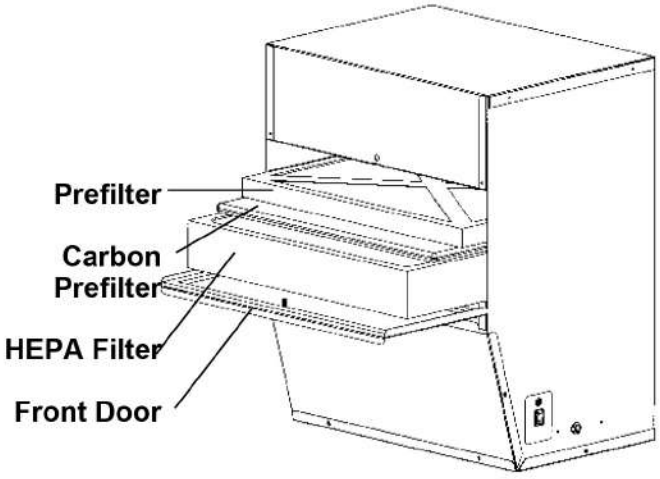
- Highly Efficient MERV 11 Prefilter removes lint and hair before they enter HEPA filter.
- Activated Carbon Prefilter removes odors to extend the life of the HEPA filter.
- Long-life, 99.97% HEPA Media Filter removes particles 0.3 micron (1/84,000 of an inch) and larger. The HEPA filter becomes more efficient as it becomes dirtier with time.
- Variable Speed Motor Control delivers up to 320 CFM of pure air.
- Energy Efficient German Motor/ Blower combination uses backward curved AC motorized impeller, PSC type with external rotor (uses 1/3 the amperage of a traditional North American or offshore motor).
- Plug-in Power Cord provides convenient electrical connection.
- Versatile installation can be duct mounted, collar mounted or wall mounted. Multi-positional.
- CSA / UL Approved.

Cabinet Construction Features

- One piece wrap, steel cabinet has TGIF environmentally-friendly powder-coat paint finish to provide rigid installation and durability.
- Pre-punched openings at back of unit and mounting template are provided for easier duct mount installation; no external ducting required (Model FKHEPADM400-VS).
- Pre-punched openings at top and bottom of unit facilitate collar mount installation (Model FKHEPADM400-VS).

Replacement Filters

PART NUMBER	DESCRIPTION	REPLACE EVERY
DMH4-0400	HEPA 99.97% Media Filter	2-3 years
DMH4-0855	Prefilter, MERV 11	3-6 months
DMH4-0810	Carbon Prefilter	3-6 months

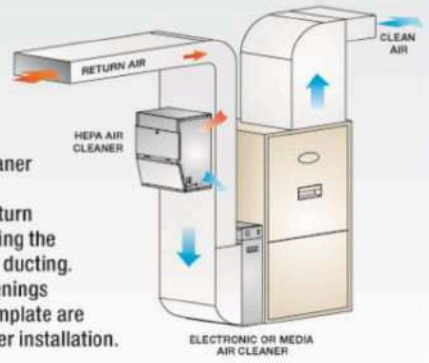


SPECIFICATIONS

MODELS	FKHEPADM400-VS FKHEPADM400-VSG
Air Flow: Variable Speed Motor Control	Up to 320 cfm Up to 544 m³/hr
Air Changes Per Day **1500 sq ft home** **2000 sq ft home**	 39 Air Changes / Day 29 Air Changes / Day
Prefilter (MERV 11)	3.1 ft² 0.29 m²
Carbon Prefilter	1.33 ft² 0.12 m²
HEPA Media Filter	40 ft² 3.7 m²
Power	120 V 60 hz
Plug-in Power Cord	10.0 ft 3.05 m
Cabinet Dimensions ***WxDxH***	16.25 x 12.75 x 20.13 in 41.3 x 32.4 x 51.1 cm
Intake Duct Fitting **(EAHEPADM400-VS)**	14.5 x 3.75 in or 8 in (dia) 36.8 x 9.5 cm or 20.3 cm (dia)
Outflow Duct Fitting **(EAHEPADM400-VS)**	14.5 x 4.37 in or 8 in (dia) 36.8 x 11.1 cm or 20.3 cm (dia)
Intake Grill Dimensions **(EAHEPADM400-VSG)**	9.5 x 6.5 in 24.2 x 16.5 cm
Outflow Grill Dimensions **(EAHEPADM400-VSG)**	9.5 x 6.5 in 24.2 x 16.5 cm
Unit Weight	38 lbs 17.2 kg

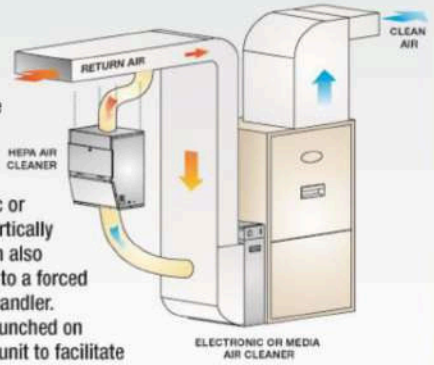
DUCT MOUNT INSTALLATION

The HEPA Air Cleaner can be installed directly on the return air duct, eliminating the need for external ducting. Pre-punched Openings and Mounting Template are provided for easier installation.



COLLAR MOUNT INSTALLATION

The HEPA Air Cleaner can also be installed with collars and flexible ducting for self contained installation such as in the attic or garage. Mounts vertically or horizontally. Can also be collar mounted to a forced air furnace or air handler. Openings are prepunched on top and bottom of unit to facilitate installation.



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 sealed 3-stage filtration system. A home can reach 39 or more whole-house air changes/day depending on the house size. And when Furnace King High Efficiency Electric 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.

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