

DUCT OR WALL MOUNT 3-IN-1 HEPA AIR CLEANER

Description

- The Evolution Air Duct or Wall Mount 3-in-1 HEPA Air Cleaner has 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 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. As the HEPA filter becomes dirtier with time, the efficiency also increases, thereby capturing smaller and smaller particles.
- Ideal for commercial applications such as dental, medical, chiropractic, optometry, massage therapy, physiotherapy and laser/ Botox clinics, along with hair/ nail/ beauty salons, and lots more.
- Also ideal for homes that have tight space conditions in their furnace/air conditioning rooms. 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.

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 and remove Volatile Organic Compounds.
- 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.
- Powerful German motor delivers 320 CFM of pure air, without adding static pressure to the HVAC system.
- Plug-in Power Cord provides convenient electrical connection.
- Versatile installation can be duct mounted, collar mounted or free-standing.
- Limited 5 Year Warranty.

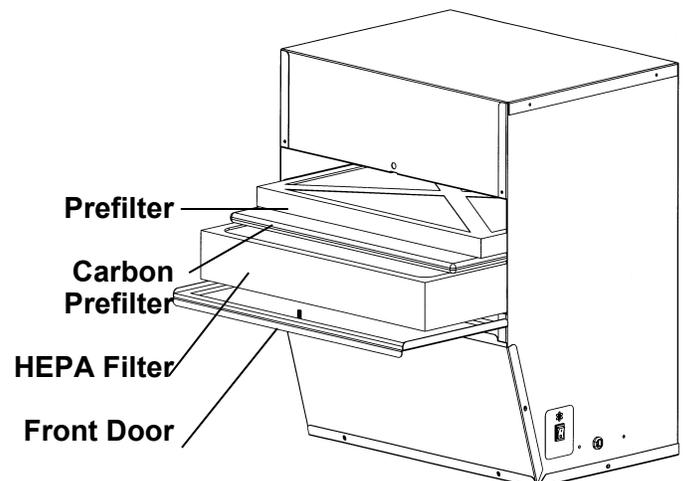


Cabinet Construction Features

- One piece wrap, steel cabinet has TGIC environmentally-friendly, powder-coat paint finish to provide rigid installation and durability. Easy to wipe clean and sterilize.
- Pre-punched openings at back of unit and mounting template are provided for easier duct or wall mount installation; no external ducting required.
- Pre-punched openings at top and bottom of unit facilitate collar mount installation.

Media Replacement Filters

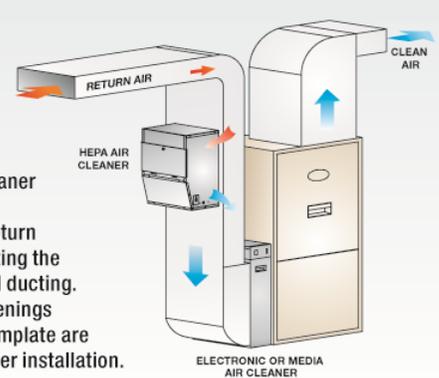
PART NUMBER	DESCRIPTION	REPLACE EVERY
DMH4-0400	HEPA Media Filter	2-3 years
DMH4-0855	Prefilter, MERV 11	3-6 months
DMH4-0810	Carbon Prefilter	3-6 months



SPECIFICATIONS

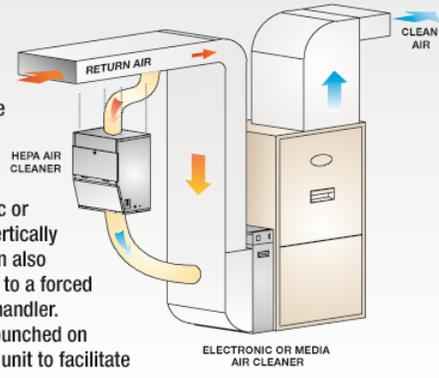
MODEL	EVDM400VS
Air Flow	320 CFM 544 m ³ /hr
Whole-House Air Changes Per Day 1500 sq ft home 2000 sq ft home	39 Air Changes / Day 29 Air Changes / Day
Prefilter (MERV 11)	3.1 ft ² 0.29 m ²
Carbon Prefilter	1.33 ft ² 0.12 m ²
HEPA Media Filter	40 ft ² 3.7 m ²
Power	120 V 60 Hz
Plug-in Power Cord	10.0 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	14.5 x 3.75 in or 8 in (dia) 36.8 x 9.5 cm or 20.3 cm (dia)
Outflow Duct Fitting	14.5 x 4.37 in or 8 in (dia) 36.8 x 11.1 cm or 20.3 cm (dia)
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 an Evolution 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.



Mississauga, Ontario
1-877-227-0424
www.evolutionair.com

