

Redmond/Williams is pleased to announce the DMH900 Whole-House Air Filtration System with UVC Germicidal lights & Photo Catalytic Oxidation Filter.

How It Works

The Air Cleaner has been designed to be installed on the return air duct to eliminate airborne pollutants that are carried through the return air ducts of the heating/cooling system. A portion of this return air passes through an opening on the rear of the unit and then through a five-stage filtration system.

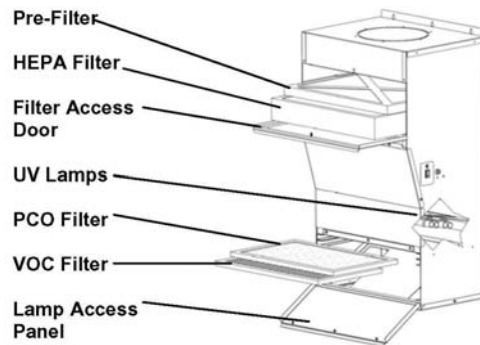
1. An efficient pleated carbon pre-filter removes lint and large particles to extend the life of the HEPA filter.
2. A long-life, 99.97% HEPA (High Efficiency Particulate Air) Media Filter captures particles 0.3 micron and larger.
3. A reflection chamber with two Ultraviolet Germicidal (non-ozone producing) Lamps that emit UVC light rays to kill or inhibit bacteria, viruses, mold, fungus, and microbial growth.
4. The Photo-Catalytic Oxidation (PCO) Filter is a Quartz media coated with nano-particles of Titanium Dioxide (TiO₂). The combined action of the UV light and the TiO₂ decomposes organic materials into basic molecules such as H₂O and CO₂ and reduces odors and Volatile Organic Compounds (VOCs) as a result.
5. A Carbon/ Potassium Permanganate final filter further reduces VOC's and light gases.
6. Clean air is then discharged back into the return air duct.



Features

- Long-life, 99.97% HEPA Media Filter removes particles 0.3 micron and larger
- Carbon Prefilter removes lint and large particles, to extend life of HEPA Filter
- Two High Output Ultraviolet Germicidal Lamps
- CinQuartz™ Photo Catalytic Oxidation Filter removes unpleasant odors and Volatile Organic Compounds
- Carbon/ Potassium Permanganate Final Filter removes non-organic gases

- Kills or inhibits bacteria, viruses, mold, fungi and microbial growth
- Powerful motor delivers 250cfm of clean, sterilized air
- Heavy gauge galvanized steel cabinet and external powder-coat paint finish
- Plug-in Power Cord provides easy electrical connection
- Versatile installation can be duct or collar mounted



Replacement Filters & Ultraviolet Lamps

Part Number	Description	Replace Every
DMH4-0400	99.97% HEPA Media Filter	2-3 Years
DMH4-0855	Prefilter, Carbon	3-6 Months
DM900-0191	UVC Lamp, Includes lamp support clip	2 Years
DM900-0450	Photo Catalytic Oxidation, (PCO) Filter	2 Years
DM900-0810	Final Filter, Carbon Potassium Permanganate	1 Year
DM900-1002	UV Lamp & PCO Filter Kit: contains 2 UVC lamps, 2 lamp support clips and 1 PCO filter, gloves, Alcohol wipe	2 Years
DMH4-1002	Mounting Kit: (2) 8" Collars with 16 Screws	
DMH4-1004	Mounting Kit: (4) 8" Collars with 32 Screws	

For more information, please contact your Territory Manager, or contact the office at (888) 571-2627.