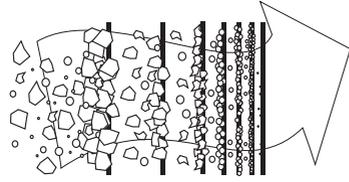


# ProgressiveMedia™ Whole House Air Cleaning



High performance progressive density filtration for better air cleaning and long filter life



## Homeowner / User Guide

Models 90-027 90-064

**Ultravation®**  
Professional Indoor Air Quality Products

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DC-0H-0225 REV 08-12

Thank you for purchasing an Ultravation® Professional Indoor Air Quality Product

### Ultravation® ProgressiveMedia™ Right-Angle Air Cleaner

#### Shipping and Packaging List:

- Filter Housing including 2 Access Doors
- MERV-11 or MERV 13 ProgressiveMedia™ Air Filter
- 1- Adjustable top
- 4- 3/4 inch 5/16 self tapping sheet metal screws
- 10' x 1/2" Installation foam
- Warranty Registration

#### Introduction and Application

Your Ultravation® ProgressiveMedia™ Air Cleaner is a high efficiency air filtration unit designed to remove dirt, dust, pollen, and other microscopic particles from the air that circulates through it. By adding it to your HVAC system, you are creating a cleaner indoor living environment for your whole household.

The filter works by trapping particles in its pleats and fibers. The filter is layered with progressively tighter density from the air entry to exit. It captures the largest particles early and increasingly smaller particles through its thickness. By holding dirt in its entire thickness and because of its extra large surface area, Ultravation® ProgressiveMedia™ has extremely high dirt holding capacity, and therefore a very long useful filter life. Its size and layered construction with minimum air flow restriction minimizes air flow restriction, enhancing HVAC system efficiency.

This high performance air cleaner is designed to be installed in a forced air heating, cooling and ventilation system. It should be installed so that all the system air is circulated through the filter, since it will only filter the air that is circulated through it. For maximum filtration effect, set your blower to operate continuously.

#### Maintenance

The filter media in your air cleaner must be changed periodically. The frequency of filter replacement is best determined by visual examination. However, a biannual replacement of the filter is strongly recommended, more often in areas where dust is known to be excessive. **Replacement filters** can be obtained through your installing contractor or local dealer.

Steps for replacing filter:

1. Open the access door by lifting up on the handle and pulling the bottom of the door toward you. Then slide the door down, and remove it completely.
2. Tilt the used filter as needed to remove it and discard.
3. Slide new filter into cabinet with arrow on the label pointing in the direction of the airflow. Seat the new filter into the top and bottom brackets to assure a good seal, and replace access door.

#### Replacement Filters

Models	Filter Size	MERV 11 Replacement Part	MERV 13 Replacement Part
90-064 / 90-027	20 x 25 x 5	91-006	91-026

For more information on MERV ratings, visit [ultravation.com/progressive-air-filtration/](http://ultravation.com/progressive-air-filtration/). See serial number label inside on the floor of the unit for replacement part numbers.

#### Air conditioning

The air cleaner should be installed upstream of the cooling coil to keep the coil clean. This will improve cooling efficiency and reduce air conditioning coil maintenance. Better efficiency directly affects energy costs, so it pays to replace the filter at regular intervals (see Maintenance). Conversely, failure to replace the filter wastes energy and it may cause damage to the HVAC system.

## Typical installation of a ProgressiveMedia™ Right-Angle Air Cleaner

#### Installation Requirements

The desired location for installation of an Ultravation® ProgressiveMedia™ Right-Angle Air Cleaner is in the return air duct next to the blower compartment. In this location, the blower motor and internal components will be kept clean. By installing the air cleaner in the return location (upstream from the cooling coils) the HVAC cooling coils will be kept clean. This increases coil life, improves overall system efficiency and power usage, and reduces maintenance costs.

Once a ProgressiveMedia™ Air Cleaner is installed, it is very important to maintain the unit by changing the filter periodically so as not to obstruct airflow, which can damage components and increase energy costs.

Right-Angle ProgressiveMedia Air Cleaners are designed for installation in highboy HVAC systems.

The duct opening of this unit is adjustable for either an 8" x 24" duct, 10" x 24" duct or 12" x 24" duct.

To adjust remove the three sheet metal screws on the top, re-position the flange, and re-attach.

Be sure to plan adequate space for filter replacement.

Do not install this unit in the supply duct. Before installation is complete, seal all joints and seams with duct tape or caulking. Gasket material included to optimize indoor air quality (IAQ) performance.

**Note:** a gasket is provided to seal between the opening on the side of the filtration cabinet and the side of the air handler.

#### Application with a humidifier

ProgressiveMedia™ Air Cleaners are completely compatible with humidifiers. However, avoid applications where water mist will reach the media. When an evaporative type humidifier is used, it may be installed between the furnace warm air duct and the return air duct without affecting the air cleaner. Atomizing and spray type humidifiers should be installed at least six feet between the air cleaner and humidifier.

#### Warranty

Ultravation warrants this product against any defects in material or workmanship for a period of ten years after date of purchase, with the exception of the disposable media filter, the ductwork and installation.

This warranty does not include damage to the unit from accident, misuse or improper installation. If this product should become defective during the warranty period, Ultravation will repair or elect to replace the product free of charge. Ultravation will return repaired or replaced warranted products pre-paid, provided that the product was delivered pre-paid.

Ultravation shall have no responsibilities for charges incurred by the customer for installation or removal of warranted items. Liability is limited only to the replacement or repair of this product.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. All returns must be accompanied by a return authorization number, which may be obtained by contacting Ultravation, Inc.

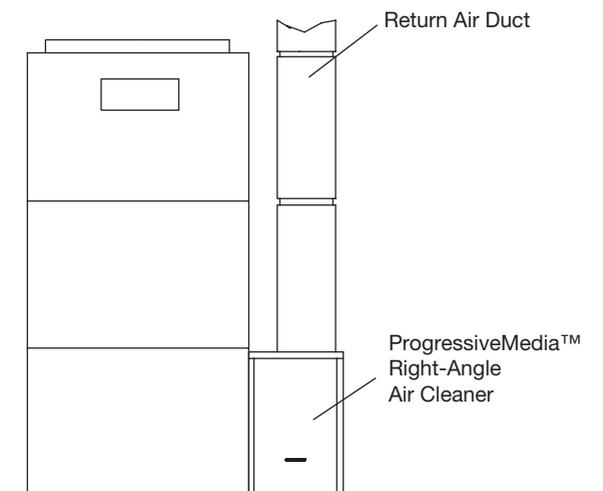
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