

# Ultravation®

Better Air | Better Water | Better Living™

## Complete Whole House Air Cleaning System Equipment Support Box Air Cleaner OWNERS GUIDE



**Models: 90-028, 90-029, 90-030, 90-031 (Furnace Support Box - Small)**

**Models: 90-032, 90-033, 90-034, 90-035 (Furnace Support Box - Large)**

**Models: 90-042, 90-043 (Air Handler Support box)**

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**LEAVE FOR HOMEOWNER**

## Shipping and Packaging List:

- Filter Housing including 2 Access Doors
- MERV-11 Media Air Filter
- Adjustable Tops
- 10' x 1/2" Installation foam
- 9- 3/4 inch 5/16 self tapping sheet metal screws

## Introduction and Applications:

This Ultravation Media 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 this device to your HVAC system, you are helping to create a cleaner indoor living environment for your whole household.

The filter works by trapping particles in the pleats of the media filter. With an extra large surface area, the filter allows for maximum dirt holding capacity and a long, useful filter life with minimum air flow restriction.

This media air cleaner is 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. The air cleaner will only filter the air that is circulated through it. For maximum filtration effect, set your power to operate continuously.

## Installation Requirements:

The desired location for installation of the Ultravation Support System Media Air Cleaner is in the return air under the blower compartment. In this location, the blower motor and internal components will be kept clean.

By installing the air cleaner in this location (upstream from the cooling coils) you also will assure that the cooling coils of the air conditioning system will be kept clean. This increases coil life, improves system efficiency, and reduces maintenance costs.

Once the Ultravation Support System Media Air Cleaner is installed, it is very important to maintain the unit by changing the filter periodically (typically in 6 mo intervals) so as not obstruct airflow, damage components or increase energy costs.

The Ultravation Support System Media Air Cleaner has been designed for use in conjunction with virtually any HVAC system.

The inlet duct opening of this unit is adjustable for either an 8" x 24" duct, or 10" x 24" duct. Just remove the three sheet metal screws on the top, adjust the flange, and reattach.

Do not install this unit in the supply duct.

Be sure to plan adequate space for filter replacement.

Before installation is complete, seal all joints and seams with duct tape or caulking.

## Maintenance:

The filter media in your air cleaner must be changed periodically. The frequency of filter replacement is best determined by visual examination. However, an annual replacement of the filter is strongly recommended.

**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 top of door down, removing the door completely.
2. Remove spacing block (do not discard) to allow the filter to be removed through door opening. Pull out used filter and discard accordingly.
3. Slide new filter into cabinet with "airflow label pointing in the direction of the airflow. Be sure to replace the filter spacing block.
4. Replace access door.

## Air Conditioning:

The air cleaner should be installed upstream of the cooling coil. This will keep the coil clean and reduce air conditioning coil maintenance. Improved cooling efficiency is the result, which directly affects energy costs. A clean coil will reduce utility costs. Failure to replace media can cause damage to the cooling system.

**Replacement filters:**

<b>Model Number</b>	<b>Replacement MERV 11 Filter</b>	<b>Replacement MERV 13 Filter</b>
90-028, 90-029 90-030, 90-031	91-005 (16x25x5)	91-025 (16x25x5)
90-032, 90-033 90-034, 90-035	91-006 (20x25x5)	91-026 (20x25x5)
90-042, 90-043	91-013 (20x20x5)	91-028 (20x20x5)

**\*(See Serial Number Label on the inside of door for unit replacement part numbers)**

**Warranty:**

Ultravation warrants this product against any defects in material or workmanship for a period of 10 years after date of installation (minimum expected lifetime of product within normal operating conditions), with the exception of the disposable media filter, duct work 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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