

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. More information is available at solarisiaq.com for locating a contractor

Solaris Air cleaners use high efficiency progressive media filters manufactured exclusively by Ultravation. These filters have very low static pressure drop and offer more capturing surface per square inch than other brands.

Replacement Filter part numbers for MERV-11

16x25x5 91-005

20x25x5 91-006

16x20x5 91-012

20x20x5 91-013

Warranty:

Solaris filtration systems (manufactured by Ultravation, Inc) are warranted 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, the UV Lamps, the battery, 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, Ultravation will elect to repair or replace the product free of charge. Ultravation will return repaired or replaced warranted products pre-paid to the customer, 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.

Ultravation, Inc.

67 Tubbs Av, Brandon, Vermont 05733 Phone: 1-866-GO-UV-AIR (468-8247) • Fax: 802-287-9203

www.ultravation.com • info@ultravation.com

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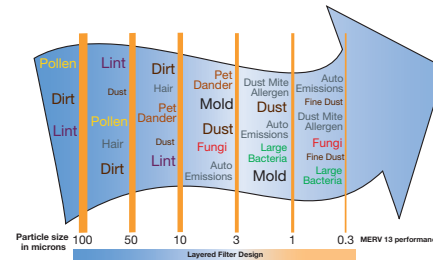
DC-OM-SLXST Rev 3

Ultravation®

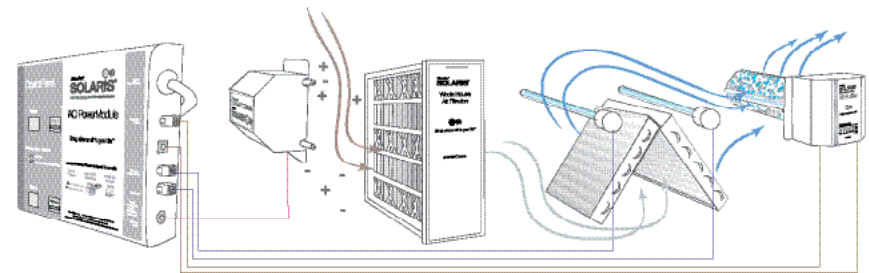
SOLARIS®



ProgressiveMedia Particulate Capture



Layered, increasing density construction collects contamination throughout the filter, large to small — instead of simply piling debris up on the leading edge.



Owners Manual

High Efficiency Whole House Filtration System

Model

SLX-MC-107

SLX-MC-106

SLX-MC-115

SLX-MC-116

Description

Solaris Media air cleaner w/20x25x5 MERV-11 Filter.

Solaris Media air cleaner w/16x25x5 MERV-11 Filter.

Solaris Media air cleaner w/16x20x5 MERV-11 Filter.

Solaris Media air cleaner w/20x20x5 MERV-11 Filter.

Ultravation
Better Air | Better Water | Better Living

Package Contents:

- Filter housing including access door
- MERV 11 ProgressiveMedia™ Air Filter
- Sealing gasket
- Warranty Registration



Solaris air cleaners are available in several formats to fit every application.

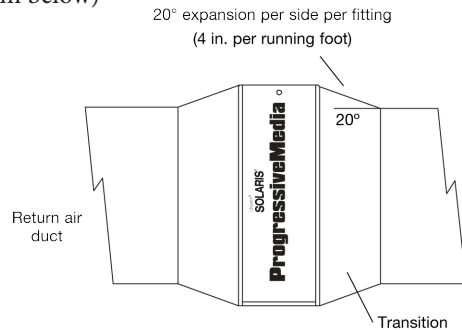
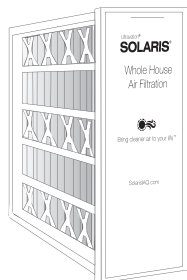
Your Solaris® ProgressiveMedia Air Cleaner is a high efficiency air filtration system designed to remove dirt, dust, pollen, and other microscopic particles from the air that circulates through it. By adding it to your HVAC system, you are creating a cleaner indoor living environment for your whole household. 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, Solaris® ProgressiveMedia™ has extremely high dirt holding capacity, so you will enjoy very long useful filter life. Its size and layered construction also creates minimal air flow restriction, enhancing HVAC system efficiency. This media 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. The air cleaner will only filter the air that is circulated through it. For maximum filtration effect, set your blower to operate continuously.

Installation Requirements

The desired location for installation of an Ultravation® ProgressiveMedia™ 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 (upstream from the cooling coils) the HVAC cooling coils in particular, will be kept clean. This protection increases coil life, improving overall system efficiency, saves power, and reduces maintenance costs. Do not install this unit in the supply duct. Be sure to plan adequate space to allow filter replacement. Before installation is complete, seal all joints and seams airtight with duct tape or caulking. 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.

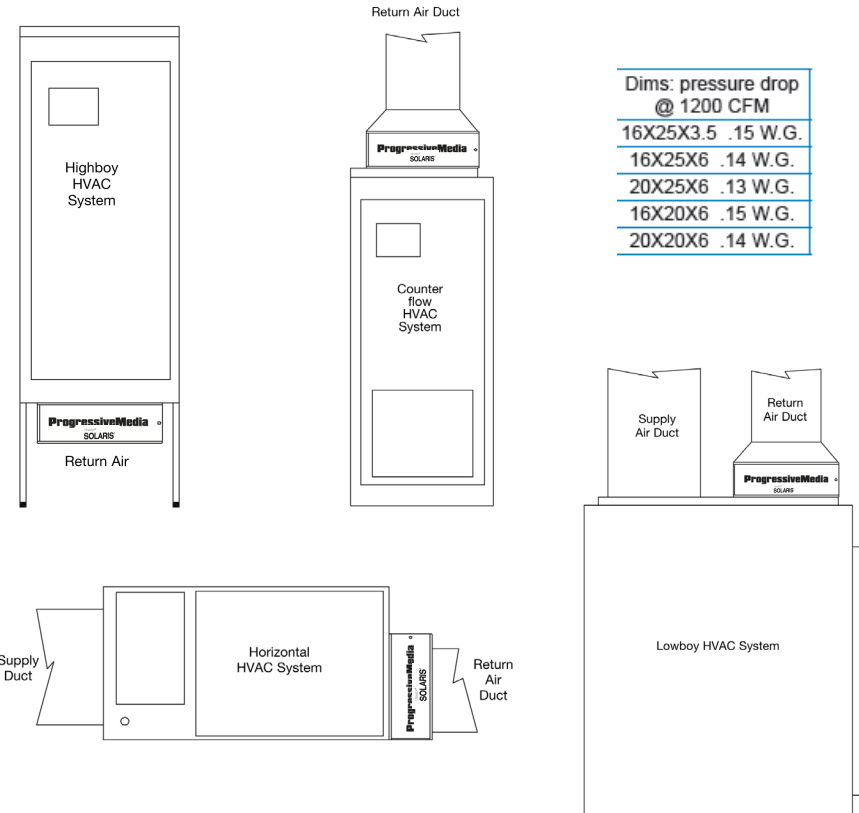
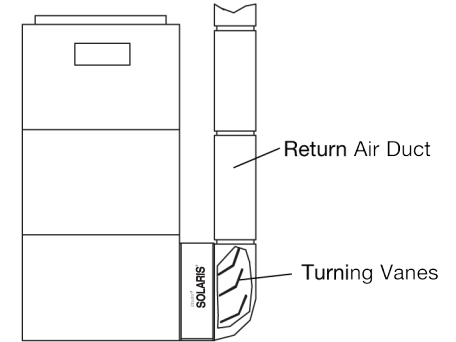
Transitions

If the air duct does not fit the air cleaner cabinet opening, gradual transitions are recommended to reduce air turbulence through the air cleaner and maximize efficiency. Not more than 20 degrees (about 4" per running foot) of expansion should be used on each side of the transition fitting. (See diagram below)



Turning Vanes

If the air cleaner is installed adjacent to a 90-degree duct elbow, add turning vanes inside the duct to improve the air distribution across the face of the air cleaner. (See diagram on right)



Solaris ProgressiveMedia™ Air Cleaners by Ultravation have been designed for use with virtually all types of HVAC systems.