



RS2 / RS3 Integrated Air Cleaning System

The Dynamic RS2 Air Cleaning System includes two 1" Dynamic Polarized-Media Electronic Air Cleaners in a V-Bank configuration to increase filter face area for more effective air cleaning at lower air velocity.

The Dynamic RS3 Air Cleaning System includes two 1" Dynamic Polarized-Media Electronic Air Cleaners in a V-Bank configuration with the addition of a high-output Dynamic Sterile Sweep® UV-C system. The Sterile Sweep features an oscillating germicidal lamp that kills pathogens collected by the Dynamic Air Cleaners. The RS3 offers the most effective means of controlling all three elements of indoor air pollution---particulates, biological microbes, and gas-phase odors/VOCs. Both the RS2 and RS3 are available in 1400 and 2400 cfm models. RS3-1400 and RS3-2400 models use the UVLGRS2000-24 Sterile Sweep system.

Both the RS2 and RS3 Air Cleaning Systems are housed in a rugged steel cabinet with an easy-access service drawer that makes service a snap. The electronically enhanced media in the Dynamic Air Cleaners combines elements of both electronic and media air cleaners. Particles are electrically charged (polarized) and then collected in the high efficiency media. Polarized sub-micron particles join with other particles and are collected on subsequent passes. Working in the conjunction with the Sterile Sweep Germicidal System, the RS3 offers unsurpassed protection against airborne contaminants.



RS3-1400



Certified to CAN/CSA
Std. C22.2 N 187
Conforms to UL Std. 867

EFFICIENT

- 97% efficient at .3 microns.
- Efficiency increases as the media fibers load.

REMOVES ODORS

- Patented activated-carbon center screen is effective in removing cigarette smoke, pollen, dust, odors, and other contaminants.

ECONOMICAL OPERATION

- The large filter surface area minimizes static pressure drop to allow the blower to run efficiently.

EASY MAINTENANCE

- No washing of components required.
- The disposable fiber media pads require only a few minutes to change.
- Media pads are generally changed every 4 to 6 months, depending on household conditions such as the presence of pets and/or smokers.
- Sterile Sweep UVC lamps are replaced every 9000 hours, or once every year.

SAFE, QUIET, DEPENDABLE OPERATION

- Does not produce ozone or arcing like other electronic air cleaners.
- Does not produce charged (ionized) particles that collect on clothes, walls and furnishings.

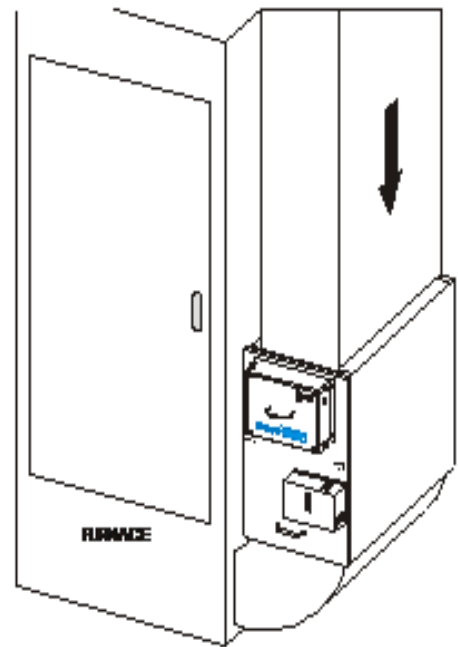
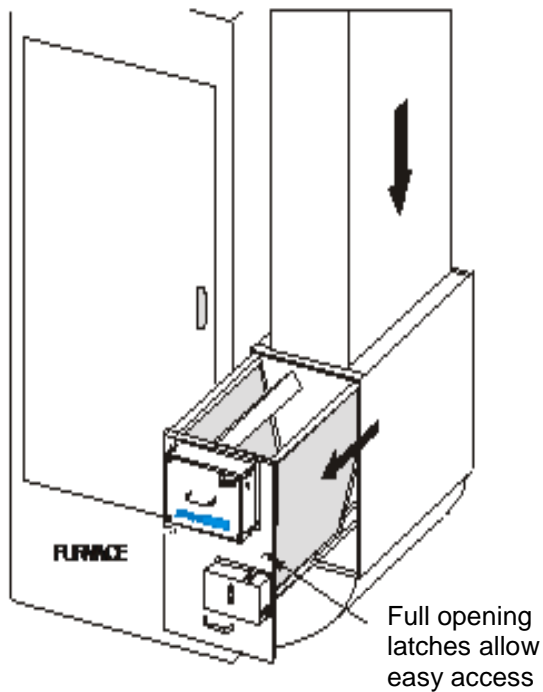
WARRANTY

- Backed by a Five (5) Year Limited Warranty.

Specifications

	RS2-1400	RS2-2400	RS3-1400	RS3-2400
Pressure Drop (w.g.) @ 1000 cfm	.103"	-	.12"	-
Pressure Drop (w.g.) @ 1200 cfm	.151"	.04"	.175"	.06"
Pressure Drop (w.g.) @ 1400 cfm	.212"	-	.242"	-
Pressure Drop (w.g.) @ 1600 cfm	-	.07"	-	.09"
Pressure Drop (w.g.) @ 2000 cfm	-	.12"	-	.15"
UV Replacement Lamp Part No.	-	-	G2-24-LMP	G2-24-LMP
Weight lbs (kg)	42.5 (19.3)	46.5 (21.1)	55 (24.95)	59 (26.76)
Electrical Input:	120/1/60	120/1/60	120/1/60	120/1/60
Powerhead Output Voltage:	7 kV (DC)	7 kV (DC)	7 kV (DC)	7 kV (DC)
Powerhead Volt/Amps Draw:	1.45 VA	1.45 VA	1.45 VA	1.45 VA
Power Consumption:	.95 Watts	.95 Watts	.95 Watts	.95 Watts
Fuse Type	AGC-3A/250V	AGC-3A/250V	AGC-3A/250V	AGC-3A/250V
Ozone Generation:	None	None	None	None

Installation

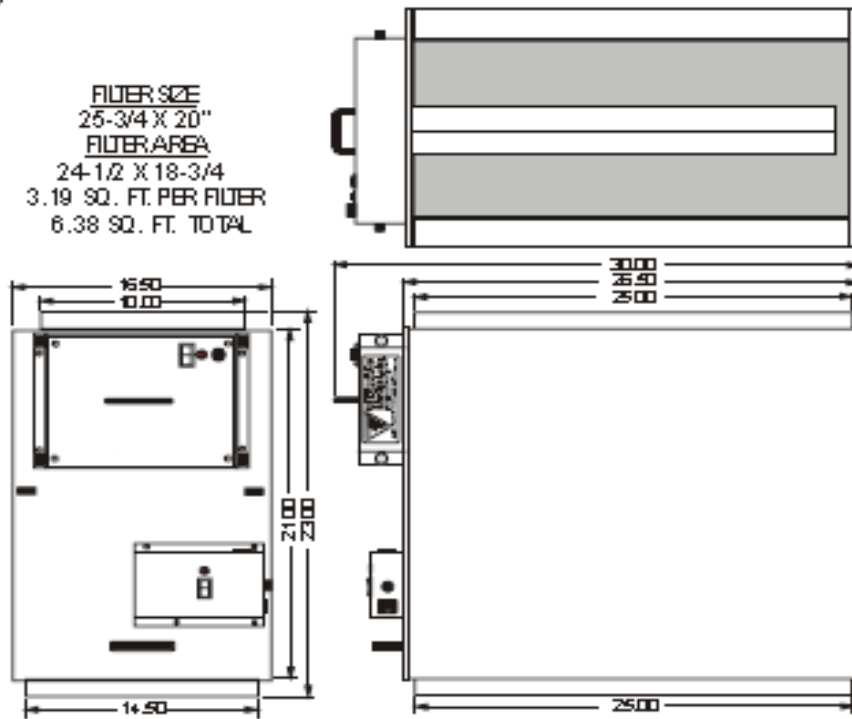


The system can be mounted on either the return or supply side of the furnace or air handler

Dimensions

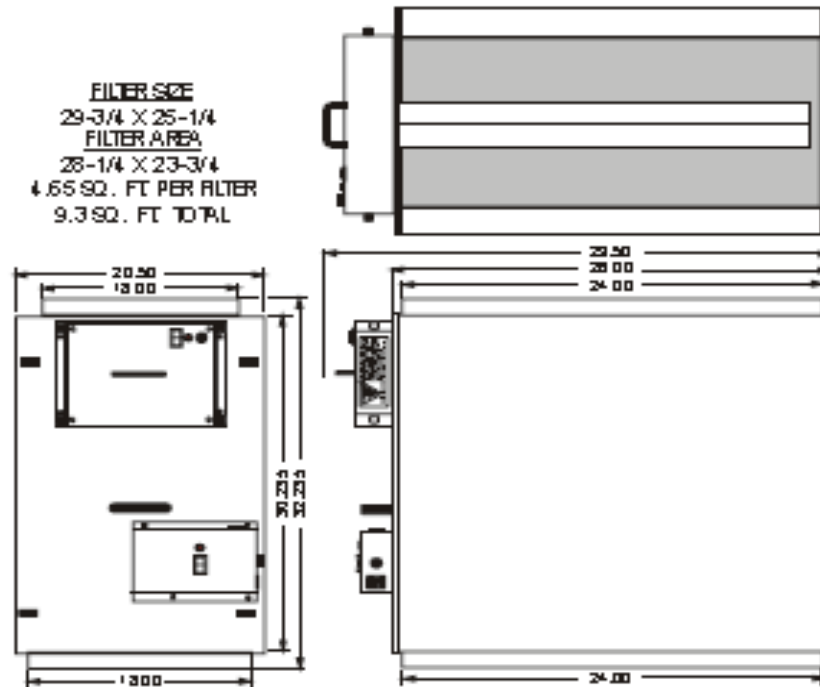
Model 1400

FILTER SIZE
25-3/4" X 20"
FILTER AREA
24-1/2" X 18-3/4"
3.19 SQ. FT. PER FILTER
6.38 SQ. FT. TOTAL



Model 2400

FILTER SIZE
29-3/4" X 25-1/4"
FILTER AREA
28-1/4" X 23-3/4"
4.65 SQ. FT. PER FILTER
9.3 SQ. FT. TOTAL



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