



RS4 WHOLE HOUSE IAQ SYSTEM

Now there's one whole-house air cleaning system that addresses all three types of airborne contaminants – fine particles, gas phase contaminants, and germs and viruses – quietly and efficiently. The **Dynamic RS-4 Whole House IAQ System** applies the latest proven air purification technologies that work with the central heating and cooling system to provide clean, healthy air throughout the home.



✓ Contaminant Control

- Electronic Polarized Media for control of ultra-fine particles
- EDGE Activated Carbon for odor and gas phase contaminant control
- Series2™ Ultraviolet Germicidal System for control of airborne viruses, biologicals, germs and gases

✓ Design Flexibility

- 1400 CFM, right angle left or right
- Flow-thru side-to-side or top-to-bottom
- One model, easy field conversion
- Adjustable 24 gauge flanges for multiple duct sizes
- Knockouts for Models 407 high output UVC system
- Heavy Duty 16-20 gauge steel cabinet

Easy Maintenance

- Convenient front access
- No washing of components required
- EDGE Activated Carbon panels typically last two to three years, depending on household conditions such as the presence of pets and/or smokers
- Systems utilizing the DYN-407H-16-O3 UV System with activated Oxygen can expect to extend carbon service life by up to 50%
- Germicidal UV lamps are changed every two years (18,000 hours)
- Media pads are generally changed every four to eight months, depending on household conditions

Safe, Quiet, Dependable Operation

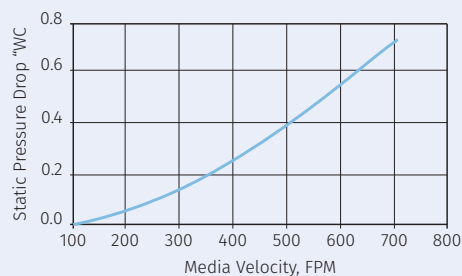
- Air flows in any direction with no moving parts to wear out
- High-efficiency polarized-media air cleaner runs on 24-volts that feeds a high voltage power supply producing 7,000 volts of DC output current. A high internal impedance makes it very safe and virtually short-circuit proof
- Does not produce ozone or arcing like other electronic air cleaners
- Does not produce charged (ionized) particles that collect on clothes, walls and furnishings

Flexible Installation

- Heavy 16-20 gauge galvanized steel, thermally-insulated cabinet
- Block-off plates can be quickly repositioned for a fast install
- Knock-outs for UV Air Purifier
- Unsurpassed versatility with multiple configurations including right angle and flow through
- Adjustable 1" flanged duct openings eliminate field transitions
- Dynamic Series2 DYN-407H-16 and DYN-407H-16-O3 UV lamps, standard on some models, run on either 120VAC or 240VAC, 50/60 Hz

Warranty

- Limited Lifetime Warranty on electronic components
- UVC lamps are warranted against defects for 2 years



Air Cleaner
+ EDGE

Dynamic Air Cleaners use electronic polarized-media technology to provide maximum ozone-free air cleaning. The air cleaner's efficiency increases as it loads, providing exceptionally high efficiency with air resistance much lower than passive filters.



Protect Your Indoor Air Space

PureAirRx.com



For Fine Particles: Dynamic Polarized Media Electronic Air Cleaner

97% efficient at .3 microns and smaller, the Dynamic Polarized Media Electronic Air Cleaner provides ultra efficient particulate removal. The Dynamic Polarized Media Air Cleaner removes dangerous submicron particles and other contaminants that other filters miss, including bacteria, odors, and smoke.



For Gas Phase Contaminants: Dynamic EDGE Gas Phase Filtration System

The Dynamic EDGE gas phase filtration system brings the power of industrial strength activated carbon to your home. The Dynamic EDGE is expertly formulated using top tier activated carbon and additives providing unmatched static pressure drop and gas phase contaminant removal efficiencies.



For Germs and Viruses - Dynamic Series2 UVC Germicidal Lamp

UVC efficiency is a function of lamp microwatt output. The Dynamic 407H-16 and 407H-16-03 (with activated Oxygen) Series2 UVC systems offer 180 microwatts and a dual lamp configuration for one of the highest output UVC systems available today.

Germicidal UVC Effectiveness

The Dynamic 407H-16 Series2™ Germicidal UV Air Purifier is a high output germicidal lamp that harnesses the energy of the sun's UVC rays to disrupt the DNA of living viruses, bacteria and other living airborne organisms so they can no longer reproduce. UVC is effective against viruses, bacteria, molds and mold spores, pollen, and other pathogens.

The Dynamic 407H-16-03 Air Purifier uses dual wavelength UVC and UVV that also controls germs and gases. Germicidal UVV is effective against odors and gas phase contaminants and oxidizes contaminants to CO₂ and H₂O.

The 407H Air Purifier mounts to the RS4 cabinet to provide maximum whole-house efficiency serving the entire living space.



PART NUMBER	DESCRIPTION
RS-4-ACM-407H-16	RS-4 IAQ System with EAC & EDGE & UV
RS-4-ACM-407H-16-03	RS-4 IAQ System with EAC & EDGE & UV03
RS-4-ACM	RS-4 IAQ System with EAC + EDGE
RS-4-407H-16	RS-4 IAQ System with EAC + UV
RS-4-407H-16-03	RS-4 IAQ System with EAC + UV03
RS-4-1400	RS-4-IAQ System with EAC Only
DYN-407H-16	UV: 36W H LAMP 110/220/240V 16" for RS4 UV
DYN-407H-16-03	UV: 36W H LAMP 110/220/240V 16" for RS4 UV03
RS-4-EDGE23.75x23.5-175A1	RS-4 EDGE Carbon Inserts (2-4 Years)
C4P-RS4	RS-4 Media 4 Pack
LSK-36-16	UV: UVC16HC Replacement Lamp 2YR 16" UV
LSK-36-16-03	UV: UVC16HC Replacement Lamp 2YR 16" UV03
RS-4-FLANGEKIT	RS-4 Flange Kit (Optional Additional)
A412402	Plug-in Transformer 120VAC (for EAC)

Optional Accessories & Features

- 240V power cord (**Part No: C-240**)
- 110V step-down transformer allows the air cleaner to be plugged directly into any standard wall outlet (**Part No: A412402**)

ELECTRICAL (AIR CLEANER)

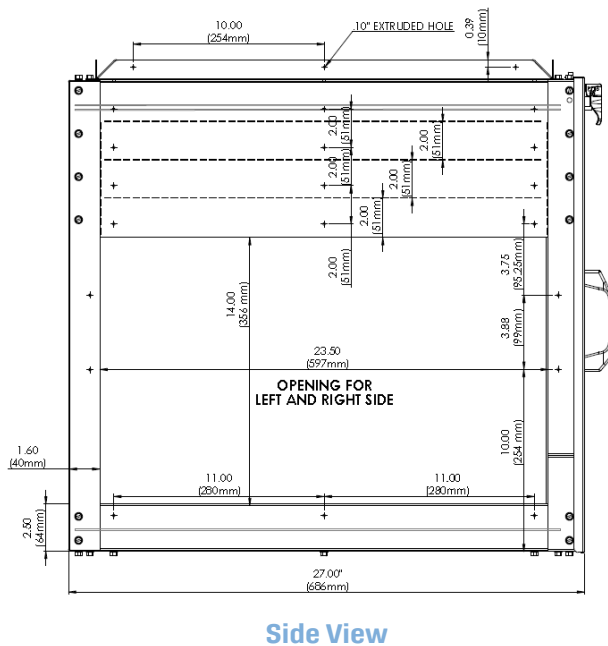
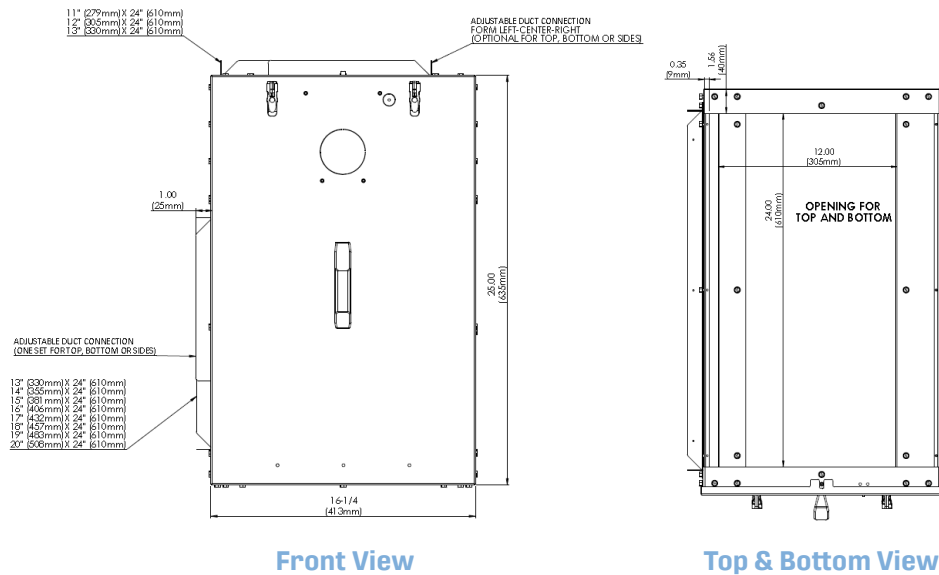
Electrical Input:	24 VAC
Powerhead Output Voltage:	7 kV (DC)
Power Consumption:	.95 Watts
Powerhead Volt/Amps Draw:	1.45 VA
Ozone Generation:	None



Protect Your Indoor Air Space

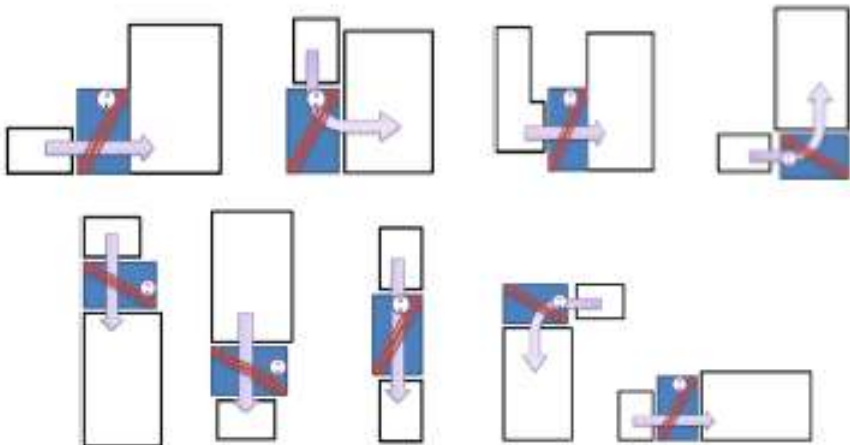
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Unit Weight EAC only	14 lbs (6.35 kg)	
Unit Weight EAC + EDGE	18 lbs (8.2 kg)	
Cabinet Dimensions	16-1/4"W x 25"H x 27"D (41.3 cm x 63.5 cm x 68.6 cm)	
Adjustable Top (or bottom) Flange	11" x 24" (28 cm x 61 cm)	
	12" x 24" (30.5 cm x 61 cm)	
	13" x 24" (33 cm x 61 cm)	
Adjustable Side Flange	14" x 24" (35.5 cm x 61 cm)	18" x 24" (46 cm x 61 cm)
	15" x 24" (38 cm x 61 cm)	19" x 24" (48 cm x 61 cm)
	16" x 24" (41 cm x 61 cm)	20" x 24" (51 cm x 61 cm)
	17" x 24" (43 cm x 61 cm)	



Multiple Configurations for Installation Flexibility

RIGHT HAND



LEFT HAND

