



Rheem Electronic Polarized-Media Air Cleaners combine elements of both passive filters and electronic air cleaners to provide improved air quality and lower operating costs. The units install in furnaces, air handlers or return air grilles without requiring expensive ductwork modifications - perfect for add-on applications.

Product Description

The low-current DC power is continuously applied to the center screen within the disposable filter pad. This creates an electrostatic field between the center screen and the filter frame. Particles such as cigarette smoke, viruses, and dust entering the filter then become polarized and are drawn to the filter fibers. This polarizing field causes the smallest particles to form into larger groups that are more easily captured. Odors and gas-phase contaminants are also captured in the carbon center screen.

Installation

Rheem Electronic Polarized-Media Air Cleaners fit in standard 1" filter racks, and connect to R&C terminals on the furnace IFC board to provide 24V power. An optional plug-in adapter is available. They are available in 1" residential or 2" commercial sizes.



Carbon center screen traps odors and gas-phase contaminants

Advantages

- Increases filtration efficiency and lowers energy costs.
- No ductwork modifications.
- Very high multiple pass efficiency (95%-99% for particles of .3 to .5 micron size), which increases as the air cleaners load.
- Continues to trap respirable particles below .3 micron in size.
- No ozone is produced.
- The disposable pillow fiber media pads only require a few minutes to change.
- Low resistance to air-flow.
- Low power consumption, therefore they are inexpensive to operate and can be left to run continuously.



Specifications	
Electrical input:	24 vac
Powerhead output voltage	6500V (DC)
Power consumption:	2 Watts
Volt/amps draw per Powerhead:	0.7va
Max recommended face velocity:	500 fpm

1" Electronic Panel Air Cleaners Std. Sizes

Part Number	Filter Size (Inches) (a X b)
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84-10X20-1	10 x 20
84-10X30-1	10 x 30
84-12X12-1	12 x 12
84-12X20-1	12 x 20
84-12X24-1	12 x 24
84-12X25-1	12 x 25
84-12X30-1	12 x 30
84-14X14-1	14 x 14
84-14X20-1	14 x 20
84-14X24-1	14 x 24
84-14X25-1	14 x 25
84-14X30-1	14 x 30
84-16X16-1	16 x 16
84-16X20-1	16 x 20
84-16X24-1	16 x 24
84-16X25-1	16 x 25
84-16X30-1	16 x 30
84-18x18-1	18 x 38
84-18X20-1	18 x 20
84-18X24-1	18 x 24
84-20X20-1	20 x 20
84-20X24-1	20 x 24
84-20X25-1	20 x 25
84-20X30-1	20 x 30
84-20X40-1	20 x 40
84-22X30-1	22 x 30
84-24X24-1	24 x 24
84-24X30-1	24 x 30
84-24X36-1	24 x 36
84-25X25-1	25 x 25
84-30X36-1	30 x 36

Additional sizes available, contact customer service when you place your order.

2" Electronic Air Cleaners

Denoted by 84- ##x##- 2

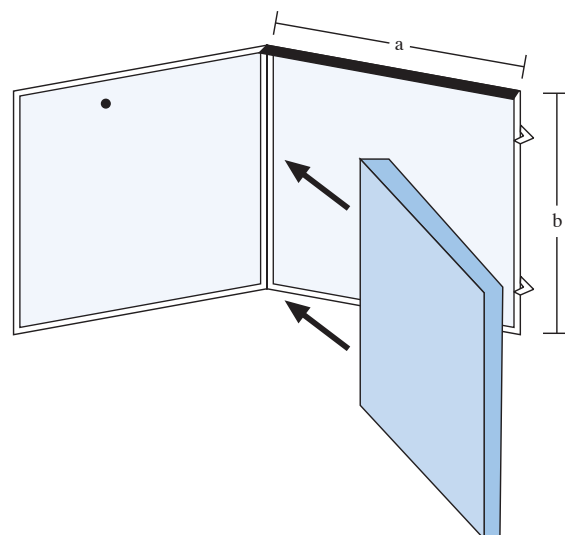
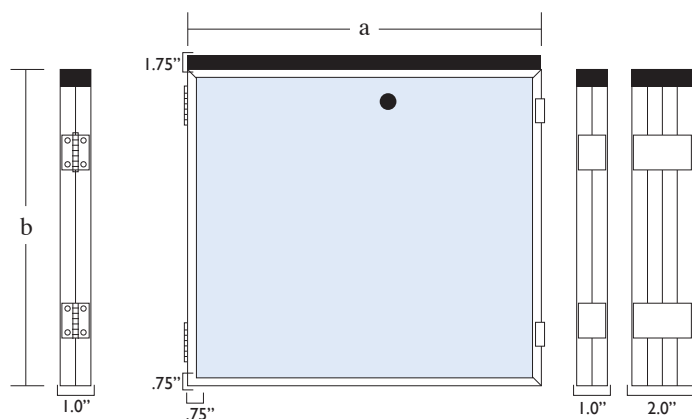
Filter Replacement Media

3-Pack

Denoted by 54 - ##x## - R

24-Pack

Denoted by 54 - ##x## - RB



Performance

Single-Pass Efficiency

Particles 0.3-0.5 microns: 33% to 75%

Particles 0.5-1.0 microns: 75% to 95%

Multiple-Pass Efficiency

Particles 0.3-0.5 microns: 97%

Particles 0.5-1.0 microns: 98.6%

Pressure Drop @ 300 fpm

0.10" wg for carbon pad



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Specifications are subject to change without notice.