

# Filtration, Ventilation, & IAQ Catalog

## 2026

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Catalog Selection

# MERV 10 Pleated Filters from



**Glasfloss Z-Line® Series Pleated Filters** employ fibers which do not absorb moisture and will not support microbial growth. These filters feature:

- 100% synthetic fiber extended-surface pleated media
- Heavy-duty expanded metal reinforcement on air-exit side
- Heavy-duty moisture-resistant beverage board frames
- MERV 10 rating per the ANSI/ASHRAE 52.2 Test Standard

## 1" MERV 10 Nominal Sized Filters

Item #	Nominal Size	Actual W x H x D	Rated Velocity FPM	Initial Resistance in W.G.	Case Qty.
FIL-10101-M10	10 x 10 x 1	9-1/2 x 9-1/2 x 7/8	300	0.20	12
FIL-10201-M10	10 x 20 x 1	9-1/2 x 19-1/2 x 7/8	300	0.20	12
FIL-10241-M10	10 x 24 x 1	9-1/2 x 23-1/2 x 7/8	300	0.20	12
FIL-10281-M10	10 x 28 x 1	9-7/8 x 27-7/8 x 7/8	300	0.20	12
FIL-10301-M10	10 x 30 x 1	9-5/8 x 29-5/8 x 7/8	300	0.20	12
FIL-12121-M10	12 x 12 x 1	11-1/2 x 11-1/2 x 7/8	300	0.20	12
FIL-12201-M10	12 x 20 x 1	11-1/2 x 19-1/2 x 7/8	300	0.20	12
FIL-12241-M10	12 x 24 x 1	11-3/8 x 23-3/8 x 7/8	300	0.20	12
FIL-12251-M10	12 x 25 x 1	11-1/2 x 24-1/2 x 7/8	300	0.20	12
FIL-12301-M10	12 x 30 x 1	11-5/8 x 29-1/2 x 7/8	300	0.20	12
FIL-12361-M10	12 x 36 x 1	11-7/8 x 36-7/8 x 7/8	300	0.20	12
FIL-14141-M10	14 x 14 x 1	13-1/2 x 13-1/2 x 7/8	300	0.20	12
FIL-14201-M10	14 x 20 x 1	13-1/2 x 19-1/2 x 7/8	300	0.20	12
FIL-14221-M10	14 x 22 x 1	13-1/2 x 21-7/8 x 7/8	300	0.20	12
FIL-14241-M10	14 x 24 x 1	13-1/2 x 23-1/2 x 7/8	300	0.20	12
FIL-14251-M10	14 x 25 x 1	13-1/2 x 24-1/2 x 7/8	300	0.20	12
FIL-14281-M10	14 x 28 x 1	13-1/2 x 27-7/8 x 7/8	300	0.20	12
FIL-14301-M10	14 x 30 x 1	13-5/8 x 29-5/8 x 7/8	300	0.20	12
FIL-14351-M10	14 x 35 x 1	13-1/2 x 34-7/8 x 7/8	300	0.20	12
FIL-15201-M10	15 x 20 x 1	14-1/2 x 19-1/2 x 7/8	300	0.20	12
FIL-16161-M10	16 x 16 x 1	15-1/2 x 15-1/2 x 7/8	300	0.20	12
FIL-16201-M10	16 x 20 x 1	15-1/2 x 19-1/2 x 7/8	300	0.20	12
FIL-16241-M10	16 x 24 x 1	15-1/2 x 23-1/2 x 7/8	300	0.20	12
FIL-16251-M10	16 x 25 x 1	15-1/2 x 24-1/2 x 7/8	300	0.20	12
FIL-16301-M10	16 x 30 x 1	15-5/8 x 29-5/8 x 7/8	300	0.20	12
FIL-16361-M10	16 x 36 x 1	15-1/2 x 35-7/8 x 7/8	300	0.20	12
FIL-18181-M10	18 x 18 x 1	17-1/2 x 17-1/2 x 7/8	300	0.20	12
FIL-18201-M10	18 x 20 x 1	17-1/2 x 19-1/2 x 7/8	300	0.20	12
FIL-18241-M10	18 x 24 x 1	17-1/2 x 23-1/2 x 7/8	300	0.20	12
FIL-18251-M10	18 x 25 x 1	17-1/2 x 24-1/2 x 7/8	300	0.20	12
FIL-18301-M10	18 x 30 x 1	17-5/8 x 29-5/8 x 7/8	300	0.20	12
FIL-18361-M10	18 x 36 x 1	17-1/2 x 35-7/8 x 7/8	300	0.20	12
FIL-20201-M10	20 x 20 x 1	19-1/2 x 19-1/2 x 7/8	300	0.20	12
FIL-20221-M10	20 x 22 x 1	19-1/2 x 21-7/8 x 7/8	300	0.20	12
FIL-20231-M10	20 x 23 x 1	19-1/2 x 22-7/8 x 7/8	300	0.20	12
FIL-20241-M10	20 x 24 x 1	19-3/8 x 23-3/8 x 7/8	300	0.20	12
FIL-20251-M10	20 x 25 x 1	19-1/2 x 24-1/2 x 7/8	300	0.20	12
FIL-20301-M10	20 x 30 x 1	19-5/8 x 29-5/8 x 7/8	300	0.20	12
FIL-22221-M10	22 x 22 x 1	21-1/2 x 21-1/2 x 7/8	300	0.20	12
FIL-24241-M10	24 x 24 x 1	23-3/8 x 23-3/8 x 7/8	300	0.20	12
FIL-24301-M10	24 x 30 x 1	23-5/8 x 29-5/8 x 7/8	300	0.20	12
FIL-25251-M10	25 x 25 x 1	24-1/2 x 24-1/2 x 7/8	300	0.20	12



### Nominal vs. Actual Size

The nominal size of the filter is the listed & printed size on the side of the filter. It is rounded up to the nearest inch from the actual filter size. The actual filter size is usually 1/4" to 3/4" smaller than the nominal size. This allows the filter to fit comfortably in the rack.

## Exact Cut Filters

Don't see the size filter you need? Hunton Distribution can provide filters sized exactly to your specifications. Filters can be made in fractional increments of as little as 1/16". Contact your HD representative with the exact height and width dimensions you need.

Inches	Decimals	Order Key	Inches	Decimals	Order Key
1/16"	0.0625	A	9/16"	0.5625	J
1/8"	0.125	B	5/8"	0.625	K
3/16"	0.1875	C	11/16"	0.6875	L
1/4"	0.25	D	3/4"	0.75	M
5/16"	0.3125	E	13/16"	0.8125	N
3/8"	0.375	F	7/8"	0.875	P
7/16"	0.4375	G	15/16"	0.9375	R
1/2"	0.5	H			

**Example: 16-1/2" x 27-3/4" x 1 = FIL-16H27M1-M10-EX**

# MERV 10 Pleated Filters

## 2" MERV 10 Nominal Sized Filters



Item #	Nominal Size	Actual W x H x D	Rated Velocity FPM	Initial Resistance in W.G.	Case Qty.
FIL-10102-M10	10 x 10 x 2	9-3/4 x 9-3/4 x 1-3/4	500	0.29	12
FIL-10202-M10	10 x 20 x 2	9-1/2 x 19-1/2 x 1-3/4	500	0.29	12
FIL-12122-M10	12 x 12 x 2	11-1/2 x 11-1/2 x 1-3/4	500	0.29	12
FIL-12202-M10	12 x 20 x 2	11-1/2 x 19-1/2 x 1-3/4	500	0.29	12
FIL-12242-M10	12 x 24 x 2	11-3/8 x 23-3/8 x 1-3/4	500	0.29	12
FIL-14202-M10	14 x 20 x 2	13-1/2 x 19-1/2 x 1-3/4	500	0.29	12
FIL-14242-M10	14 x 24 x 2	13-7/8 x 23-1/2 x 1-3/4	500	0.29	12
FIL-14252-M10	14 x 25 x 2	13-1/2 x 24-1/2 x 1-3/4	500	0.29	12
FIL-15202-M10	15 x 20 x 2	14-1/2 x 19-1/2 x 1-3/4	500	0.29	12
FIL-16162-M10	16 x 16 x 2	15-1/2 x 15-1/2 x 1-3/4	500	0.29	12
FIL-16202-M10	16 x 20 x 2	15-1/2 x 19-1/2 x 1-3/4	500	0.29	12
FIL-16242-M10	16 x 24 x 2	15-1/2 x 23-1/2 x 1-3/4	500	0.29	12
FIL-16252-M10	16 x 25 x 2	15-1/2 x 24-1/2 x 1-3/4	500	0.29	12
FIL-16302-M10	16 x 30 x 2	15-7/8 x 29-5/8 x 1-3/4	500	0.29	12
FIL-16342-M10	16 x 34 x 2	15-1/2 x 33-7/8 x 1-3/4	500	0.29	12
FIL-18182-M10	18 x 18 x 2	17-1/2 x 17-1/2 x 1-3/4	500	0.29	12
FIL-18202-M10	18 x 20 x 2	17-1/2 x 19-1/2 x 1-3/4	500	0.29	12
FIL-18222-M10	18 x 22 x 2	17-1/2 x 21-7/8 x 1-3/4	500	0.29	12
FIL-18242-M10	18 x 24 x 2	17-1/2 x 23-1/2 x 1-3/4	500	0.29	12
FIL-18252-M10	18 x 25 x 2	17-1/2 x 24-1/2 x 1-3/4	500	0.29	12
FIL-20202-M10	20 x 20 x 2	19-1/2 x 19-1/2 x 1-3/4	500	0.29	12
FIL-20242-M10	20 x 24 x 2	19-3/8 x 23-3/8 x 1-3/4	500	0.29	12
FIL-20252-M10	20 x 25 x 2	19-1/2 x 24-1/2 x 1-3/4	500	0.29	12
FIL-20302-M10	20 x 30 x 2	19-5/8 x 29-5/8 x 1-3/4	500	0.29	12
FIL-20352-M10	20 x 35 x 2	19-1/2 x 34-1/2 x 1-3/4	500	0.29	12
FIL-24242-M10	24 x 24 x 2	23-3/8 x 23-3/8 x 1-3/4	500	0.29	12
FIL-25252-M10	25 x 25 x 2	24-1/2 x 24-1/2 x 1-3/4	500	0.29	12



## 4" MERV 10 Nominal Sized Filters

Item #	Nominal Size	Actual W x H x D	Rated Velocity FPM	Initial Resistance in W.G.	Case Qty.
FIL-12244-M10	12 x 24 x 4	11-3/8 x 23-3/8 x 3-3/4	500	0.24	6
FIL-16204-M10	16 x 20 x 4	15-1/2 x 19-1/2 x 3-3/4	500	0.24	6
FIL-16244-M10	16 x 24 x 4	15-1/2 x 23-1/2 x 3-3/4	500	0.24	6
FIL-16254-M10	16 x 25 x 4	15-1/2 x 24-1/2 x 3-3/4	500	0.24	6
FIL-18244-M10	18 x 24 x 4	17-1/2 x 23-1/2 x 3-3/4	500	0.24	6
FIL-20204-M10	20 x 20 x 4	19-1/2 x 19-1/2 x 3-3/4	500	0.24	6
FIL-20244-M10	20 x 24 x 4	19-3/8 x 23-3/8 x 3-3/4	500	0.24	6
FIL-20254-M10	20 x 25 x 4	19-1/2 x 24-1/2 x 3-3/4	500	0.24	6
FIL-24244-M10	24 x 24 x 4	23-3/8 x 23-3/8 x 3-3/4	500	0.24	6



## 6" MERV 10 Nominal Sized Filters

Item #	Nominal Size	Actual W x H x D	Rated Velocity FPM	Initial Resistance in W.G.	Case Qty.
FIL-12246-M10	12 x 24 x 6	11-3/8 x 23-3/8 x 5-3/4	500	0.18	4
FIL-16206-M10	16 x 20 x 6	15-1/2 x 19-1/2 x 5-3/4	500	0.18	4
FIL-16256-M10	16 x 25 x 6	15-1/2 x 24-1/2 x 5-3/4	500	0.18	4
FIL-18246-M10	18 x 24 x 6	17-1/2 x 23-1/2 x 5-3/4	500	0.18	4
FIL-20206-M10	20 x 20 x 6	19-1/2 x 19-1/2 x 5-3/4	500	0.18	4
FIL-20246-M10	20 x 24 x 6	19-3/8 x 23-3/8 x 5-3/4	500	0.18	4
FIL-20256-M10	20 x 25 x 6	19-1/2 x 24-1/2 x 5-3/4	500	0.18	4
FIL-24246-M10	24 x 24 x 6	23-3/8 x 23-3/8 x 5-3/4	500	0.18	4



# MERV 13 Pleated Filters

**Glasfloss Z-Line® MR-13 Series Pleated Filters** feature the latest in media technology to achieve MERV 13 while maintaining low pressure drop and good service life. The new Z-Line Series MR-13 pleat is optimized for "LEED" compliance, and provides a cost-effective upgrade from lower efficiency pleated filters for a variety of commercial and industrial applications.

- Electrostatically-charged 100% synthetic media
- Heavy-duty moisture-resistant beverage board frames
- Standard Size 4" filters Incorporate media separators
- Expanded metal reinforcement on air-exit side
- MERV 13 per ANSI/ASHRAE 52.2 Test Standard



## 1" MERV 13 Nominal Sized Filters

Item #	Nominal Size	Actual W x H x D
FIL-10101-M13	10 x 10 x 1	9-1/2 x 9-1/2 x 7/8
FIL-10201-M13	10 x 20 x 1	9-1/2 x 19-1/2 x 7/8
FIL-10241-M13	10 x 24 x 1	9-1/2 x 23-3/8 x 7/8
FIL-10301-M13	10 x 30 x 1	9-5/8 x 29-5/8 x 7/8
FIL-12121-M13	12 x 12 x 1	11-1/2 x 11-1/2 x 7/8
FIL-12201-M13	12 x 20 x 1	11-1/2 x 19-1/2 x 7/8
FIL-12241-M13	12 x 24 x 1	11-3/8 x 23-3/8 x 7/8
FIL-12251-M13	12 x 25 x 1	11-1/2 x 24-1/2 x 7/8
FIL-12301-M13	12 x 30 x 1	11-5/8 x 29-1/2 x 7/8
FIL-14141-M13	14 x 14 x 1	13-1/2 x 13-1/2 x 7/8
FIL-14201-M13	14 x 20 x 1	13-1/2 x 19-1/2 x 7/8
FIL-14241-M13	14 x 24 x 1	13-1/2 x 23-3/8 x 7/8
FIL-14251-M13	14 x 25 x 1	13-1/2 x 24-1/2 x 7/8
FIL-14301-M13	14 x 30 x 1	13-5/8 x 29-5/8 x 7/8
FIL-15201-M13	15 x 20 x 1	14-1/2 x 19-1/2 x 7/8
FIL-16161-M13	16 x 16 x 1	15-1/2 x 15-1/2 x 7/8
FIL-16201-M13	16 x 20 x 1	15-1/2 x 19-1/2 x 7/8

Item #	Nominal Size	Actual W x H x D	Rated Velocity FPM	Initial Resistance in W.G.	Case Qty.
FIL-16241-M13	16 x 24 x 1	15-1/2 x 23-1/2 x 7/8	300	0.35	12
FIL-16251-M13	16 x 25 x 1	15-1/2 x 24-1/2 x 7/8	300	0.35	12
FIL-16301-M13	16 x 30 x 1	15-5/8 x 29-5/8 x 7/8	300	0.35	12
FIL-18181-M13	18 x 18 x 1	17-1/2 x 17-1/2 x 7/8	300	0.35	12
FIL-18201-M13	18 x 20 x 1	17-1/2 x 19-1/2 x 7/8	300	0.35	12
FIL-18241-M13	18 x 24 x 1	17-1/2 x 23-3/8 x 7/8	300	0.35	12
FIL-18251-M13	18 x 25 x 1	17-1/2 x 24-1/2 x 7/8	300	0.35	12
FIL-18301-M13	18 x 30 x 1	17-5/8 x 29-5/8 x 7/8	300	0.35	12
FIL-20201-M13	20 x 20 x 1	19-5/8 x 19-5/8 x 7/8	300	0.35	12
FIL-20221-M13	20 x 22 x 1	19-5/8 x 21-1/2 x 7/8	300	0.35	12
FIL-20241-M13	20 x 24 x 1	19-5/8 x 23-3/8 x 7/8	300	0.35	12
FIL-20251-M13	20 x 25 x 1	19-5/8 x 24-1/2 x 7/8	300	0.35	12
FIL-20301-M13	20 x 30 x 1	19-5/8 x 29-5/8 x 7/8	300	0.35	12
FIL-22221-M13	22 x 22 x 1	21-1/2 x 21-1/2 x 7/8	300	0.35	12
FIL-24241-M13	24 x 24 x 1	23-3/8 x 23-3/8 x 7/8	300	0.35	12
FIL-24301-M13	24 x 30 x 1	23-3/8 x 29-5/8 x 7/8	300	0.35	12
FIL-25251-M13	25 x 25 x 1	24-1/2 x 24-1/2 x 7/8	300	0.35	12

## 2" MERV 13 Nominal Sized Filters

Item #	Nominal Size	Actual W x H x D
FIL-10202-M13	10 x 20 x 2	9-1/2 x 19-1/2 x 1-3/4
FIL-12122-M13	12 x 12 x 2	11-1/2 x 11-1/2 x 1-3/4
FIL-12202-M13	12 x 20 x 2	11-1/2 x 19-1/2 x 1-3/4
FIL-12242-M13	12 x 24 x 2	11-3/8 x 23-3/8 x 1-3/4
FIL-14202-M13	14 x 20 x 2	13-1/2 x 19-1/2 x 1-3/4
FIL-14252-M13	14 x 25 x 2	13-1/2 x 24-1/2 x 1-3/4
FIL-15202-M13	15 x 20 x 2	14-1/2 x 19-1/2 x 1-3/4
FIL-16162-M13	16 x 16 x 2	15-1/2 x 15-1/2 x 1-3/4
FIL-16202-M13	16 x 20 x 2	15-1/2 x 19-1/2 x 1-3/4
FIL-16242-M13	16 x 24 x 2	15-1/2 x 23-1/2 x 1-3/4
FIL-16252-M13	16 x 25 x 2	15-1/2 x 24-1/2 x 1-3/4

Item #	Nominal Size	Actual W x H x D	Rated Velocity FPM	Initial Resistance in W.G.	Case Qty.
FIL-18182-M13	18 x 18 x 2	17-1/2 x 17-1/2 x 1-3/4	500	0.39	12
FIL-18202-M13	18 x 20 x 2	17-1/2 x 19-1/2 x 1-3/4	500	0.39	12
FIL-18242-M13	18 x 24 x 2	17-1/2 x 23-1/2 x 1-3/4	500	0.39	12
FIL-18252-M13	18 x 25 x 2	17-1/2 x 24-1/2 x 1-3/4	500	0.39	12
FIL-20202-M13	20 x 20 x 2	19-1/2 x 19-1/2 x 1-3/4	500	0.39	12
FIL-20242-M13	20 x 24 x 2	19-3/8 x 23-3/8 x 1-3/4	500	0.39	12
FIL-20252-M13	20 x 25 x 2	19-1/2 x 24-1/2 x 1-3/4	500	0.39	12
FIL-20302-M13	20 x 30 x 2	19-5/8 x 29-5/8 x 1-3/4	500	0.39	12
FIL-24242-M13	24 x 24 x 2	23-3/8 x 23-3/8 x 1-3/4	500	0.39	12
FIL-25252-M13	25 x 25 x 2	24-1/2 x 24-1/2 x 1-3/4	500	0.39	12

## 4" MERV 13 Nominal Sized Filters

Item #	Nominal Size	Actual W x H x D
FIL-12244-M13	12 x 24 x 4	11-3/8 x 23-3/8 x 3-3/4
FIL-16204-M13	16 x 20 x 4	15-1/2 x 19-1/2 x 3-3/4
FIL-16254-M13	16 x 25 x 4	15-1/2 x 24-1/2 x 3-3/4
FIL-18244-M13	18 x 24 x 4	17-1/2 x 23-1/2 x 3-3/4

Item #	Nominal Size	Actual W x H x D	Rated Velocity FPM	Initial Resistance in W.G.	Case Qty.
FIL-20204-M13	20 x 20 x 4	19-1/2 x 19-1/2 x 3-3/4	500	0.34	6
FIL-20244-M13	20 x 24 x 4	19-3/8 x 23-3/8 x 3-3/4	500	0.34	6
FIL-20254-M13	20 x 25 x 4	19-1/2 x 24-1/2 x 3-3/4	500	0.34	6
FIL-24244-M13	24 x 24 x 4	23-3/8 x 23-3/8 x 3-3/4	500	0.34	6

## 6" MERV 13 Nominal Sized Filters

Item #	Nominal Size	Actual W x H x D
FIL-12246-M13	12 x 24 x 6	11-3/8 x 23-3/8 x 5-3/4
FIL-16206-M13	16 x 20 x 6	15-1/2 x 19-1/2 x 5-3/4
FIL-16256-M13	16 x 25 x 6	15-1/2 x 24-1/2 x 5-3/4
FIL-18246-M13	18 x 24 x 6	17-1/2 x 23-1/2 x 5-3/4

Item #	Nominal Size	Actual W x H x D	Rated Velocity FPM	Initial Resistance in W.G.	Case Qty.
FIL-20206-M13	20 x 20 x 6	19-1/2 x 19-1/2 x 5-3/4	500	0.32	4
FIL-20246-M13	20 x 24 x 6	19-3/8 x 23-3/8 x 5-3/4	500	0.32	4
FIL-20256-M13	20 x 25 x 6	19-1/2 x 24-1/2 x 5-3/4	500	0.32	4
FIL-24246-M13	24 x 24 x 6	23-3/8 x 23-3/8 x 5-3/4	500	0.32	4



# Additional Pre-Filter Solutions

## Carbon Filters



The solution to offensive odors associated with indoor air quality is the Z-Line Series Carbotron Pleat. The activated carbon adsorbs odorous gas molecules from the air, so clean fresh smelling air remains.

- MERV 8, 100% synthetic media
- Heavy-duty moisture-resistant construction
- Expanded metal backing

### Item Nomenclature Example

ZLN202024AC = 20" x 20" x 2"

## 1" & 2" Disposable Panel Filters

- Fiberglass media
- One-piece craftboard frame
- Double Strut Construction
- Available for special order in many standard 1" & 2" Sizes



### Item Nomenclature Example

GDS20201 = 20" x 20" x 1"

## Ring Link Panel Filters



Multiple ring panels linked together accommodate front load, side access, and rooftop unit filter housings. They are a convenient and labor-saving alternative to individual filters. There have sufficient division between each ring to allow for cutting and separation.

### Individual Nomenclature Example

PLP2436-10 = 24" x 36" x 1" = (2) 24" x 18" links

PLP25100-20 = 25" x 100" x 2" = (4) 25" x 25" links

### Master Pack Nomenclature (1" = 24 pack / 2" = 12 pack)

PLP1620-10-24 = 16" x 480" x 1" = (24) 16" x 20" links

PLP2424-20-12 = 24" x 288" x 1" = (12) 24" x 24" links

## Ring Panel Filters

- 100% non-woven polyester media thermally sealed around an internal wire frame
- Leaving side has tackifier for enhanced particulate capture
- 1" & 2" styles rated at MERV 8



### Item Nomenclature Example

PRP1620-5 = 16" x 20" x 1/2"

PRP1620-10 = 16" x 20" x 1"

PRP1620-20 = 16" x 20" x 2"

## Media Pads and Bulk Rolls

Hunton offers a variety of pre-cut pads and bulk media designed for light to heavy dust-loading applications. Standard size pre-cut pads are packaged in a heavy-duty carton that allows quick access and keeps the media clean before installation. Service rolls are available and are packaged in an easy to use cardboard dispenser box.



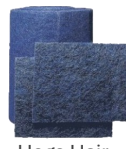
Paint Arrestor



Hi-Pak



HL-4  
HL-8



Hogs Hair

Media Type & Trade Name	Nominal Thickness	Color	Media Structure	Adhesive
Commercial	1" & 2"	White	Progressive Density Fiberglass	Light
Paint Arrestor	2-1/2"	Green/White	Progressive Density Fiberglass	-
Hi-Pak	3"	Yellow/White	Progressive Density Fiberglass	Heavy
HL-4	1"	White	Non-Woven Polyester	-
HL-8	2"			
125-4P	5/8"	Blue/White	Non-Woven Polyester	Moderate
125-7P	1"			
P5T	1/2"	Green/White	Multi-ply Polyester	Moderate
P10T	1"	Orange/White	Multi-ply Polyester	Moderate
P20T	2"			
Hogs Hair	1"	Blue	Synthetic Fibers	-

## Common Poly Pad Sizes

Type & Color	Size	Item Number	Case Qty.
125-7P Blue/White	12" x 24" x 1"	PPD1224-7P	25
	16" x 20" x 1"	PPD1620-7P	25
	16" x 25" x 1"	PPD1625-7P	25
	20" x 20" x 1"	PPD2020-7P	25
	20" x 25" x 1"	PPD2025-7P	25
P20T Orange/White	24" x 24" x 1"	PPD2424-7P	25
	12" x 24" x 2"	PPD1224P20T	25
	16" x 20" x 2"	PPD1620P20T	25
	16" x 25" x 2"	PPD1625P20T	25
	20" x 20" x 2"	PPD2020P20T	25
	20" x 25" x 2"	PPD2025P20T	25
	24" x 24" x 2"	PPD2424P20T	25



## Common Poly Roll Sizes

Type & Color	Size	Item Number
125-7P Blue/White	20" x 1" x 90'	PBR20-7P
	25" x 1" x 90'	PBR25-7P
	48" x 1" x 90'	PBR48-7P
	60" x 1" x 90'	PBR60-7P
P20T Orange/White	20" x 2" x 60'	PBR20P20T
	25" x 2" x 60'	PBR25P20T
	48" x 2" x 60'	PBR48P20T
	96" x 2" x 60'	PBR96P20T

# Hi-Efficiency Minipleat Filtration

## Puracell® II 4" & 6" Plastic Frame

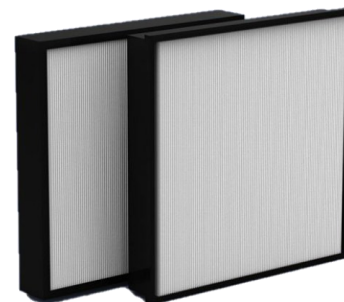
The **Glasfloss Puracell II P-S & PH-S** is a mini-pleat cartridge encapsulated with a high impact polystyrene plastic frame. An optional gasket can be applied to the filter frame. The cartridge is a pleated 100% synthetic or fiberglass fiber media. The pleats are separated and supported by a uniform glue bead that produces a low initial pressure drop while maximizing the filtration area. The media pack is resistant to moisture and does not support the growth of bacteria and mold. The media pack is thoroughly sealed to the inside of the plastic frame to prevent air bypass.



Box Style



Single Header



MERV Rating	Nominal Size	Actual W x H x D	Rated Velocity FPM	Box Style Item Number	Initial Resistance in W.G.	Single Header Item Number	Initial Resistance in W.G.	Case Qty.
<b>15</b>	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	PUPFSB122449O	0.46	PUPFSH122449O	0.54	3
	16 x 20 x 4	15-3/8" x 19-3/8" x 3-3/4"	500	PUPFSB162049O	0.46	PUPFSH162049O	0.54	3
	16 x 25 x 4	15-3/8" x 24-3/8" x 3-3/4"	500	PUPFSB162549O	0.46	PUPFSH162549O	0.54	3
	20 x 20 x 4	19-3/8" x 19-3/8" x 3-3/4"	500	PUPFSB202049O	0.46	PUPFSH202049O	0.54	3
	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	PUPFSB202449O	0.46	PUPFSH202449O	0.54	3
	20 x 25 x 4	19-3/8" x 24-3/8" x 3-3/4"	500	PUPFSB202549O	0.46	PUPFSH202549O	0.54	3
	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	PUPFSB242449O	0.46	PUPFSH242449O	0.54	3
<b>13</b>	12 x 24 x 4	11-3/8" x 23-3/8" x 3-3/4"	500	PUPFSB122442O	0.44	PUPFSH122442O	0.52	3
	16 x 20 x 4	15-3/8" x 19-3/8" x 3-3/4"	500	PUPFSB162042O	0.44	PUPFSH162042O	0.52	3
	16 x 25 x 4	15-3/8" x 24-3/8" x 3-3/4"	500	PUPFSB162542O	0.44	PUPFSH162542O	0.52	3
	20 x 20 x 4	19-3/8" x 19-3/8" x 3-3/4"	500	PUPFSB202042O	0.44	PUPFSH202042O	0.52	3
	20 x 24 x 4	19-3/8" x 23-3/8" x 3-3/4"	500	PUPFSB202442O	0.44	PUPFSH202442O	0.52	3
	20 x 25 x 4	19-3/8" x 24-3/8" x 3-3/4"	500	PUPFSB202542O	0.44	PUPFSH202542O	0.52	3
	24 x 24 x 4	23-3/8" x 23-3/8" x 3-3/4"	500	PUPFSB242442O	0.44	PUPFSH242442O	0.52	3

### Item Nomenclature Example

**PUPFH242469O**

24" x 24" x 6" MERV 15

Fiberglass Media

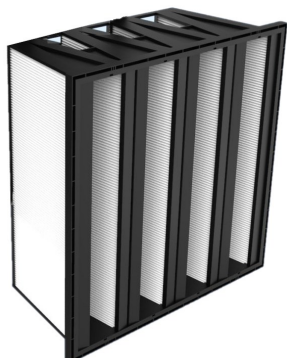
Single-Header Filter

(No Gaskets)

Prefix	Filter Material	Frame Style	Height x Width	Depth	MERV	Gasket
<b>PUPF</b>		<b>H</b>	<b>2424</b>	<b>6</b>	<b>9</b>	<b>O</b>
Blank = Fiberglass S = Synthetic		B = Box Style H = Single Header	4 = 4" 6 = 6"	1 = MERV 11 2 = MERV 13 3 = MERV 14 9 = MERV 15		O = No Gasket
						<b>Box Style</b> A = Air Exit B = Air Entry C = Exit+Entry D = Side Load
						<b>Single Header</b> E = Exit+Entry F = Air Entry H = Air Exit

## Puracell® VPX-S 12" Plastic Frame Single-Header / Synthetic Media

The **Glasfloss Puracell VP-S** plastic frame filters incorporate a lightweight, high-impact polystyrene framework for strength and durability in demanding commercial and industrial applications, and offer high efficiency and extremely low resistance to airflow. When compared to traditional rigid cell and traditional box style filters, the Puracell VP-S minipleat series offer superior performance, lower operating costs and significant energy savings.



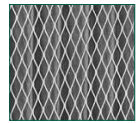
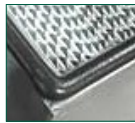
Single Header

MERV Rating	Nominal Size	Actual W x H x D	Rated Velocity FPM	Single Header Item Number	Initial Resistance in W.G.
<b>15</b>	12 x 24 x 12	23-3/8" x 11-3/8" x 11-1/2"	500	PUPSH2412B9O	0.29
	20 x 20 x 12	19-3/8" x 19-3/8" x 11-1/2"	500	PUPSH2020B9O	0.29
	20 x 24 x 12	23-3/8" x 19-3/8" x 11-1/2"	500	PUPSH2420B9O	0.29
	24 x 24 x 12	23-3/8" x 23-3/8" x 11-1/2"	500	PUPSH2424B9O	0.29
<b>13</b>	12 x 24 x 12	23-3/8" x 11-3/8" x 11-1/2"	500	PUPSH2412B2O	0.27
	20 x 20 x 12	19-3/8" x 19-3/8" x 11-1/2"	500	PUPSH2020B2O	0.27
	20 x 24 x 12	23-3/8" x 19-3/8" x 11-1/2"	500	PUPSH2420B2O	0.27
	24 x 24 x 12	23-3/8" x 23-3/8" x 11-1/2"	500	PUPSH2424B2O	0.27
<b>11</b>	12 x 24 x 12	23-3/8" x 11-3/8" x 11-1/2"	500	PUPSH2412B1O	0.26
	20 x 20 x 12	19-3/8" x 19-3/8" x 11-1/2"	500	PUPSH2020B1O	0.26
	20 x 24 x 12	23-3/8" x 19-3/8" x 11-1/2"	500	PUPSH2420B1O	0.26
	24 x 24 x 12	23-3/8" x 23-3/8" x 11-1/2"	500	PUPSH2424B1O	0.26

# Hi-Efficiency Minipleat Filtration



**Optional Gasketing**  
Air Entry Side  
Air Exit Side  
Air Entry & Exit  
Side Load



**Optional Face Guards**  
Back Side  
Front Side  
Both Sides

## Magna ASHRAE Series Minipleat Filters

**Glasfloss Magna Series filters** are designed to meet exact specifications in medium to high-efficiency commercial or industrial applications. They are used where a high degree of cleanliness is required and contaminants must be removed to protect life, products or building interiors. The filters are ideal in a variety of applications including hospitals, manufacturing plants, microelectronic component assembly, food processing, gas turbine, centrifugal compressor and high temperature processes.

- Moisture-resistant microfiber media will not support microbial growth
- 26-gauge galvanized metal frame
- Aluminum separators incorporate rolled edges that help prevent media chaffing and damage in handling
- The filter cartridge is secured within the frame using a pressure-fit synthetic media gasket to prevent air-bypass.

MERV Rating	Nominal Size	Actual W x H x D	Initial Resistance in W.G.	Rated Velocity FPM	Box Style Item Number	Single Header Item Number	Double Header Item Number
14	12 x 24 x 12	23-3/8 x 11-3/8 x 11-1/2	0.60	500	MAGGB2412B3OX	MAGGH2412B3OX	MAGGD2412B3OX
	16 x 20 x 12	19-3/8 x 15-3/8 x 11-1/2	0.60	500	MAGGB2016B3OX	MAGGH2016B3OX	MAGGD2016B3OX
	16 x 25 x 12	15-3/8 x 24-3/8 x 11-1/2	0.60	500	MAGGB1625B3OX	MAGGH1625B3OX	MAGGD1625B3OX
	18 x 24 x 12	23-3/8 x 17-3/8 x 11-1/2	0.60	500	MAGGB2418B3OX	MAGGH2418B3OX	MAGGD2418B3OX
	20 x 20 x 12	19-3/8 x 19-3/8 x 11-1/2	0.60	500	MAGGB2020B3OX	MAGGH2020B3OX	MAGGD2020B3OX
	20 x 24 x 12	23-3/8 x 19-3/8 x 11-1/2	0.60	500	MAGGB2420B3OX	MAGGH2420B3OX	MAGGD2420B3OX
	20 x 25 x 12	19-3/8 x 24-3/8 x 11-1/2	0.60	500	MAGGB2025B3OX	MAGGH2025B3OX	MAGGD2025B3OX
	24 x 24 x 12	23-3/8 x 23-3/8 x 11-1/2	0.60	500	MAGGB2424B3OX	MAGGH2424B3OX	MAGGD2424B3OX
13	12 x 24 x 12	23-3/8 x 11-3/8 x 11-1/2	0.55	500	MAGGB2412B2OX	MAGGH2412B2OX	MAGGD2412B2OX
	16 x 20 x 12	19-3/8 x 15-3/8 x 11-1/2	0.55	500	MAGGB2016B2OX	MAGGH2016B2OX	MAGGD2016B2OX
	16 x 25 x 12	15-3/8 x 24-3/8 x 11-1/2	0.55	500	MAGGB1625B2OX	MAGGH1625B2OX	MAGGD1625B2OX
	18 x 24 x 12	23-3/8 x 17-3/8 x 11-1/2	0.55	500	MAGGB2418B2OX	MAGGH2418B2OX	MAGGD2418B2OX
	20 x 20 x 12	19-3/8 x 19-3/8 x 11-1/2	0.55	500	MAGGB2020B2OX	MAGGH2020B2OX	MAGGD2020B2OX
	20 x 24 x 12	23-3/8 x 19-3/8 x 11-1/2	0.55	500	MAGGB2420B2OX	MAGGH2420B2OX	MAGGD2420B2OX
	20 x 25 x 12	19-3/8 x 24-3/8 x 11-1/2	0.55	500	MAGGB2025B2OX	MAGGH2025B2OX	MAGGD2025B2OX
	24 x 24 x 12	23-3/8 x 23-3/8 x 11-1/2	0.55	500	MAGGB2424B2OX	MAGGH2424B2OX	MAGGD2424B2OX
11	12 x 24 x 12	23-3/8 x 11-3/8 x 11-1/2	0.50	500	MAGGB2412B1OX	MAGGH2412B1OX	MAGGD2412B1OX
	16 x 20 x 12	19-3/8 x 15-3/8 x 11-1/2	0.50	500	MAGGB2016B1OX	MAGGH2016B1OX	MAGGD2016B1OX
	16 x 25 x 12	15-3/8 x 24-3/8 x 11-1/2	0.50	500	MAGGB1625B1OX	MAGGH1625B1OX	MAGGD1625B1OX
	18 x 24 x 12	23-3/8 x 17-3/8 x 11-1/2	0.50	500	MAGGB2418B1OX	MAGGH2418B1OX	MAGGD2418B1OX
	20 x 20 x 12	19-3/8 x 19-3/8 x 11-1/2	0.50	500	MAGGB2020B1OX	MAGGH2020B1OX	MAGGD2020B1OX
	20 x 24 x 12	23-3/8 x 19-3/8 x 11-1/2	0.50	500	MAGGB2420B1OX	MAGGH2420B1OX	MAGGD2420B1OX
	20 x 25 x 12	19-3/8 x 24-3/8 x 11-1/2	0.50	500	MAGGB2025B1OX	MAGGH2025B1OX	MAGGD2025B1OX
	24 x 24 x 12	23-3/8 x 23-3/8 x 11-1/2	0.50	500	MAGGB2424B1OX	MAGGH2424B1OX	MAGGD2424B1OX

### Item Nomenclature Example

**MAGGH2424B3OX** = 24" x 24" x 12" MERV 14 Single-Header Standard Capacity Metal Frame Filter (No Gaskets or Face Guards)

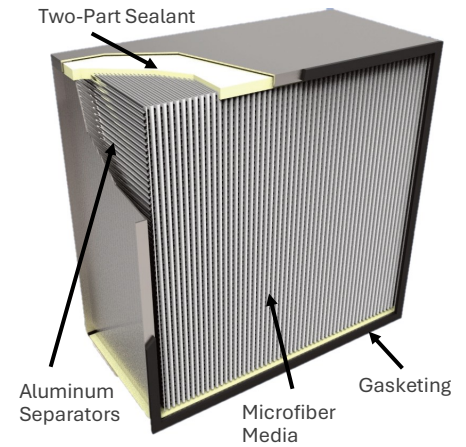
Prefix	Frame Material	Frame Style	Height x Width	Depth	MERV	Gasket	Face Guards	Capacity
<b>MAG</b>	<b>G</b>	<b>H</b>	<b>2424</b>	<b>B</b>	<b>3</b>	<b>O</b>	<b>X</b>	
P = Particle Board G = Galv. Steel	B = Box Style H = Single Header D = Double Header	A = 6" B = 12"	1 = MERV 11 2 = MERV 13 3 = MERV 14	<b>Box Style</b> A = Air Exit B = Air Entry C = Exit+Entry D = Side Load	<b>Single Header</b> E = Exit+Entry F = Air Entry H = Air Exit J = Side Load	<b>Double Header</b> K = Exit+Entry M = Air Entry P = Air Exit Q = Side Load	X = None 1 = Back 2 = Front 3 = Both Sides	Blank = Regular H = High Capacity
S = 1 Vertical Side								



# HEPA Filtration

**Glasfloss Magna Series HEPA** grade air filters are designed for high-efficiency commercial and industrial applications. Magna Series efficiency ranges include: 950 Series - 95% (MERV 16), 1000 Series - 99.97%, 1100 Series - 99.99% and 1200 Series - 99.999%, all based on a .30 micron particle. Glasfloss Magna filters are produced in a wide range of sizes, frame types and header combinations.

- Quality Assurance - the Magna HEPA series filter media is randomly tested and certified to meet minimum efficiency requirements by the media manufacturer. In addition, Glasfloss randomly selects and tests filters for leaks under a rigorous quality control program.
- Media produced from glass microfibers is moisture-resistant and will not support microbial growth.
- 99.99% and 99.999% filters are tested for leaks based on near-monodispersed .30 micron size particles.
- Frame is 18 gauge galvanized metal for the 1000 Series - 99.97%, and 1100 Series - 99.99%. A 26-gauge galvanized metal frame is used for the Magna 950 Series - 95% (MERV 16).
- The filter cartridge is bonded within the frame using a two-part sealant that isolates the filter from external shock and prevents air bypass.
- Neoprene closed-cell gasket is standard on each filter.



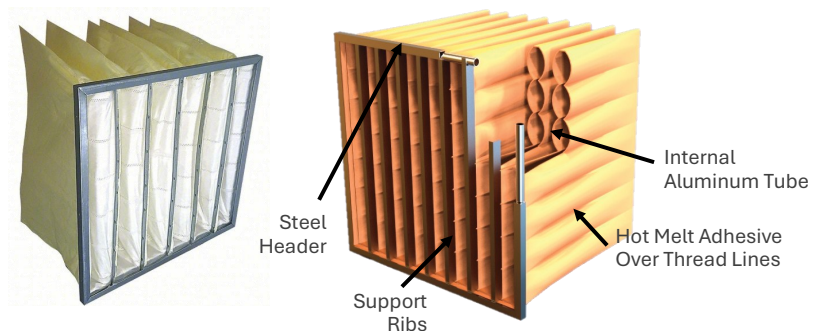
## Item Nomenclature Example

**MAGGH2424B5A2H** = 24" x 24" x 12" 99.97% High Capacity Metal Frame HEPA Filter with Air Exit Gasketing and Front Face Guard

Prefix	Frame Material	Frame Style	Height x Width	Depth	Rating	Gasket	Face Guards	Capacity
<b>MAG</b>	<b>G</b>	<b>H</b>	<b>2424</b>	<b>B</b>	<b>5</b>	<b>A</b>	<b>2</b>	<b>H</b>
P = Particle Board G = Galv. Steel D = Double-Turn Flange (Galv.)	B = Box Style H = Single Header D = Double Header FX = Flush Box	A = 6" B = 12"	4 = MERV 16 5 = 99.97% 6 = 99.99% 7 = 99.999%	<b>Box Style</b> A = Air Exit B = Air Entry C = Exit+Entry D = Side Load	<b>Single Header</b> E = Exit+Entry F = Air Entry H = Air Exit J = Side Load S = 1 Vertical Side	<b>Double Header</b> K = Exit+Entry M = Air Entry P = Air Exit Q = Side Load	X = None 1 = Back 2 = Front 3 = Both Sides	Blank = Regular L = Low Capacity H = High Capacity S = Super High Capacity

# Extended Surface Bag Filters

**Glasfloss bag filters** features 100% synthetic media or ultrafine fiberglass. They offer excellent value and performance for many industrial dust removal applications. These filters feature an exclusive internal header design which adds strength to the filters and virtually eliminates "racking" during installation. Bag filters are available in most standard and special-size face dimensions in standard and special depths.



## Item Nomenclature Example

**SBG24242198** = 24" x 24" x 21" MERV 15 with 8 Pockets

Prefix	Width	Height	Pocket Depth	MERV	# of Pockets	Gasket Location	Hanger Loops	Header Style	Exact
<b>SBG</b>	<b>24</b>	<b>24</b>	<b>21</b>	<b>9</b>	<b>8</b>				
SBG = Synthetic PBG = Fiberglass OBG = Oil Mist **			4 = MERV 9 6 = MERV 11 8 = MERV 13 9 = MERV 15			Blank = None A = Air Exit B = Air Entry C = Air Exit + Entry D = Side Load 2 Vertical Sides S = One Vertical Side	Blank = None 1 = One End, Each Pocket 2 = Middle, Each Pocket 3 = Both Ends, Each Pocket OR ** 6" Reinforced Loops on OBG 4 = Both Ends and Middle, Each Pocket 5 = 4" Continuous Loops	Blank = Standard 7/8" CM = Cambridge 1-1/8"	Blank = Standard E = Exact

# Hi-Efficiency Rigid Cell Filtration



**Glasfloss Z-Pak** air filters are designed for medium and high efficiency applications and offer superior service life. The Z-Pak's total rigid construction makes it ideal for variable air volume systems (VAV), where changes in air flow can have an adverse affect on non-rigid type filters. Z-Pak filters are available with fiberglass or synthetic media in four efficiency performance levels: MERV 9 (40-45%), MERV 11 (60-65%), MERV 13 (80-85%) and MERV 14 / 15 (90-95%). The Z-Pak is available in a variety of filter face dimensions with two optional depths.

## Item Nomenclature Example

**ZPS24241285HO** = 24" x 24" x 12" MERV 13 Synthetic Media Filter (No Gasket)

Prefix	Frame Material	Height x Width	Depth	MERV	Frame Style	Gasket
<b>ZP</b>	<b>S</b>	<b>2424</b>	<b>12</b>	<b>85</b>	<b>H</b>	<b>O</b>
	S = Synthetic K = Fiberglass		6 or 12	45 = MERV 9 65 = MERV 11 85 = MERV 13 95 = MERV 14/15	B = Box H = Single Header D = Double Header	O = No Gasket
					Box Style   Single Header   Double Header	
					A = Air Exit   E = Exit+Entry   K = Exit+Entry	
					B = Air Entry   F = Air Entry   M = Air Entry	
					C = Exit+Entry   H = Air Exit   P = Air Exit	
					D = Side Load   J = Side Load   Q = Side Load	

## Filter Efficiency Chart



The air filtration needs of a facility can vary depending on the size and type of dust contaminants that need to be removed. The ASHRAE 52.2 standard provides a method for evaluating and classifying different filters for use in general ventilation and dust collection systems.

The ASHRAE 52.2 standard includes procedures for testing a filter's efficiency in removing airborne particles ranging from 0.3 to 10 micrometers. This standard uses a scale called the Minimum Efficiency Reporting Value (MERV), which rates a filter's ability to capture particles on a scale of 1 to 16. A higher MERV rating signifies better filtration performance.

MERV Rating	Dust Spot Efficiency	Typical Controlled Contaminant	Typical Applications and Limitations	Typical Air Filter/Cleaner Type
<b>HEPA</b>	99.999%	< 0.30 pm particle size	Cleanrooms	HEPA Box Filter - Rigid Style Cartridge Filters 6" to 12" Deep Rated At:
	99.99%	Virus (unattached)	Radioactive Materials	≥99.999% Eff. on 0.10 - 0.30 pm
	99.97%	Carbon Dust	Pharmaceutical Manufacturing	≥99.99% Eff. on 0.10 - 0.30 pm
				>99.97% Eff. on 0.30 pm Particles
<b>16</b>	>95%	0.30 - 1.0 pm Particle Size	General Surgery	
<b>15</b>	>95%	Bacteria	Hospital Inpatient Care	Bag Filter - Fiberglass or Synthetic Media, 12" -36" Deep, 6 -12 Pockets
<b>14</b>	90-95%	Most Tobacco Smoke	Smoking Lounges	Box Filter - Rigid Style Cartridge Filters 2" to 12" Deep
<b>13</b>	89-90%	Proplet Nuceli (Sneeze)	Superior Commercial Buildings	
<b>12</b>	70-75%	1.0 - 3.0 pm Particle Size	Superior Residential	Bag Filter - Fiberglass or Synthetic Media, 12" -36" Deep, 6 -12 Pockets
<b>11</b>	60-65%	Lead Dust	Better Commercial Buildings	Box Filter - Rigid Style Cartridge Filters 2" to 12" Deep
<b>10</b>	50-55%	Milled Flour	Hospital Laboratories	
<b>9</b>	40-45%	Auto Emissions & Welding Fumes		Pleated Filters - Disposable, Extended Surface Area, Cardboard Frame
<b>8</b>	30-35%	3.0 - 10.0 pm Particle Size	Commercial Buildings	Pleated Filters - Disposable, Extended Surface Area, Cardboard Frame
<b>7</b>	25-30%	Hair Spray	Better Residential	Cartridge Filters - Graded Density Cube or Pocket Filters, Synthetic Media
<b>6</b>	<20%	Dusting Aids	Industrial Workplace	
<b>5</b>	<20%	Cement Dust Pudding Mix	Paint Booth Inlet	Throwaway - Disposable Synthetic Panel Filter
<b>4</b>	<20%	>10.0 pm Particle Size	Minimal Filtration	Throwaway - Disposable Fiberglass or Synthetic Panel Filter
<b>3</b>	<20%	Dust & Dust Mites	Residential	Washable- Aluminum Mesh
<b>2</b>	<20%	Spray Paint Dust	Window A/C Units	Electrostatic - Self Charging Woven Panel Filter
<b>1</b>	<20%	Textile & Carpet Fibers		

# Electronic Air Cleaners

## Trane CleanEffects® Electronic Air Cleaner

Utilizes patented technology to deliver cleaner air by removing up to 99.98% of particles that pass through the filter. Removes more than 99% of the surrogate for the virus that causes COVID-19 within 30 minutes.

- Outperforms HEPA type filters, and up to 100 times more effective than a standard 1" filter
- Constructed of painted 18 gage metal to protect the filter and internal electronics
- Power door features a filter status display as well as safety interlocks that automatically shut down the power when the door is opened for maintenance or cleaning
- Designed for flush fit - no transitions required on Trane Furnace / AHU applications
- ComfortLink II™ communicating or 24 volt capability
- Gaskets included with the air cleaner
- Zero ozone emissions



Application	Model Number	Cabinet Size W x D x H	Airflow Range (CFM)	Pressure Drop in W.G.
Air Handler	EFD175DLAH000	17.5" x 21" x 7.5"	300 - 1,200	0.33 @ 1,200 CFM
	EFD215DLAH000	21.5" x 21" x 7.5"	300 - 1,200	0.24 @ 1,200 CFM
	EFD235DLAH000	23.5" x 21" x 7.5"	350 - 1,600	0.35 @ 1,600 CFM
Upflow / Side Return Furnace	EFD145DLFR000	(A) 14.5" x 27" x 7.5"	300 - 1,200	0.30 @ 1,200 CFM
	EFD175DLFR000	(B) 17.5" x 27" x 7.5"	300 - 1,600	0.34 @ 1,600 CFM
	EFD210DLFR000	(C) 21" x 27" x 7.5"	300 - 2,000	0.34 @ 2,000 CFM
	EFD245DLFR000	(D) 24.5" x 27" x 7.5"	400 - 2,000	0.26 @ 2,000 CFM
Downflow Furnace	EFD17DDLFR000	(B) 17.5" x 27" x 7.5"	300 - 1,600	0.42 @ 1,400 CFM
	EFD21DDLFR000	(C) 21" x 27" x 7.5"	300 - 2,000	0.37 @ 1,600 CFM



## Honeywell F300 Whole-House Electronic Air Cleaner

The Honeywell Home F300 Whole-House Electronic Air Cleaner traps and filters up to 99% of airborne particles passing through the system. It works by placing a charge on airborne particles and then collecting them like a magnet.

- As air passes through the high voltage electric field surrounding the ionizer wires, particles are given an electrical charge.
- The air then moves through the collector part of the cell where alternate parallel plates are charged positively and negatively, creating a uniform electrostatic field. The charged particles are attracted to and collect on the plates.
- The air then passes through the postfilters, removing additional particles from the air stream.

Item #	Nominal Size	Actual W x H x D	Pressure Drop w/ Post Filters	Replacement Pre Filter	Replacement Post Filter
F300E1019	16" x 25"	16-3/16" x 25-1/2" x 6-3/4"	0.28 wc @ 1400 CFM	(2) 203371	50000293-002
F300E1035	20" x 25"	20-3/16" x 25-1/2" x 6-3/4"	0.35 wc @ 2000 CFM	(2) 203372	50000293-004



## AprilAire Model 5000 Electronic Air Cleaner

The **Model 5000** greatly minimizes airborne contaminants that can aggravate allergies as well as asthma, cold, and flu symptoms. Captures 89% of particles 0.3 – 1.0 micron in size and 98% of particles 3.0 – 10.0 microns in size.

- Silent operation — none of the “snapping” or “popping” that’s common with plate-type EACs
- Corrosion-resistant heavy gauge galvanized steel
- 5-year warranty

Item #	Nominal Size	Replacement MERV 15 Media Item #
5000	16" x 25"	501

Initial Pressure Drop	
0.10 wc @ 1000 CFM	0.21 wc @ 1600 CFM
0.14 wc @ 1200 CFM	0.25 wc @ 1800 CFM
0.17 wc @ 1400 CFM	0.29 wc @ 2000 CFM





# Trane® Media Air Cleaners & Filters

## Trane QuikBox™ Media Cabinets



The Trane QuikBox™ Media Cabinet is perfectly sized to match Trane air handler and furnace applications. It provide 5" hi-efficiency MERV 11 filtration in an insulated cabinet.

- 7 perfect fit sizes to match AHU or furnace cabinet dimensions
- 5" depth metal painted cabinet with fully insulated R-4.2 door
- Space saving collapsible "shirt box" style filter design
- Air Tite door with gasketing and quarter turn easy Open Latch
- Cabinet Gasketing included
- Dealer custom labeling available

Application	Model Number	Airflow Range (CFM)	Cabinet Size W x D x H	Pressure Drop in W.G.	MERV 11 Replacement Filters	Filter Case Qty.
<b>Air Handler</b>	EQBFM17DA1AH11	300 - 1,400	17.5" x 21" x 5"	0.35 @ 1,400 CFM	FLRQB5DN17M11	2
	EQBFM185A1AH11	400 - 1,600	18.5" x 21" x 5"	0.28 @ 1,400 CFM	FLRQB5AH18M11	2
	EQBFM215A1AH11	300 - 1,800	21.5" x 21" x 5"	0.35 @ 1,800 CFM	FLRQB5AH21M11	2
	EQBFM235A1AH11	300 - 1,700	23.5" x 21" x 5"	0.28 @ 1,800 CFM	FLRQB5AH23M11	2
<b>Furnace</b>	EQBFM175A1FR11	300 - 1,500	17.5" x 27" x 5"	0.25 @ 1,400 CFM	FLRQB5FR17M11	2
	EQBFM210A1FR11	300 - 2,000	21" x 27" x 5"	0.23 @ 1,800 CFM	FLRQB5FR21M11	2
	EQBFM245A1FR11	400 - 2,000	24.5" x 27" x 5"	0.17 @ 1,800 CFM	FLRQB5FR24M11	2

## Trane PerfectFit™ Filters

The OEM replacement filter for the original Trane PerfectFit™ Media Cabinets



Application	Item Number	OEM Filter Number	Size	Fits PerfectFit™ Cabinet	Filter Type	Filter Case Qty.
<b>Air Handler</b>	FLR06072	BAYFTAH21M2	21.5" x 21" x 5"	TFM215B0AH0	Standard Box Style	2
	FLR06073	BAYFTAH23M2	23.5" x 21" x 5"	TFM235B0AH0	Standard Box Style	2
	FLR06074	BAYFTAH26M2	26" x 21" x 5"	TFM260B0AH0	Standard Box Style	2
	FLR07962	BAYFTAHEXM2	Fits All 21" Deep AHU PerfectFit™ Boxes		Expandable	2
<b>Furnace</b>	FLR06078	BAYFTFR14M2	14.5" x 27" x 5"	TFM145B0FR0	Standard Box Style	2
	FLR06069	BAYFTFR17M2	17.5" x 27" x 5"	TFM175B0FR0	Standard Box Style	2
	FLR06070	BAYFTFR21M2	21" x 27" x 5"	TFM210B0FR0	Standard Box Style	2
	FLR06071	BAYFTFR24M2	24.5" x 27" x 5"	TFM245B0FR0	Standard Box Style	2
	FLR07963	BAYFTFREXM2	Fits All 27" Deep Furnace PerfectFit™ Boxes		Expandable	2

# AprilAire Media Air Cleaners & Filters

The right air filters make all the difference: the difference between equipment running efficiently or it being bogged down with problems. 1" filters deliver high static pressure and have a low capacity for holding dust. That means they require frequent change outs - if not, equipment will perform inefficiently and its coils will become dirty or even frozen.

The pleats on an AprilAire Filter create more surface area. This lowers resistance and velocity which results in better airflow and increased system performance.

**MORE FILTER AREA**

Lower Static Pressure.  
Longer Life.



## AprilAire® Media Cabinets

Cabinet Number	Nominal Size	Cabinet Size W x D x H	Pressure Drop in W.G. (MERV 11)	Replacement Filters Item #		
				MERV 11	MERV 13	MERV 16
1410	16" x 25"	17.8" x 30.1" x 6.8"	0.12 @ 1,200 CFM / 0.19 @ 1,600 CFM	410	413	416
1310	20" x 20"	20.4" x 22.1" x 6.8"	0.14 @ 1,000 CFM / 0.19 @ 1,200 CFM	310	313	-
1210	20" x 25"	22.1" x 27.4" x 6.8"	0.16 @ 1,600 CFM / 0.22 @ 2,000 CFM	210	213	216
1910	25" x 20"	25.1" x 22.1" x 6.8"	0.18 @ 1,600 CFM / 0.27 @ 2,000 CFM	910	913	-
1510	31" x 28"	31" x 30.1" x 6.8"	0.07 @ 1,600 CFM / 0.10 @ 2,000 CFM	510	513	516

Ask Your HD Representative About Private Label Options

Private Label Program **PLP**



## Replacement Filter Guide

Filter Size	Filter Item #	MERV Rating	Pressure Drop at CFM Below						
			800	1,000	1,200	1,400	1,600	1,800	2,000
16" x 25"	410	11	0.07	0.09	0.12	0.15	0.19	0.22	0.27
	413	13	0.10	0.14	0.17	0.22	0.26	0.31	0.37
	416	16	0.13	0.18	0.24	0.31	-	-	-
20" x 20"	310	11	0.10	0.14	0.19	-	-	-	-
	313	13	0.13	0.17	0.23	-	-	-	-
20" x 25"	210	11	0.06	0.08	0.11	0.13	0.16	0.19	0.22
	213	13	0.09	0.12	0.15	0.19	0.23	0.27	0.31
	216	16	0.13	0.17	0.23	0.29	0.36	-	-
25" x 20"	910	11	0.07	0.09	0.12	0.15	0.18	0.22	0.27
	913	13	0.10	0.13	0.17	0.22	0.25	0.30	0.35
31" x 28"	510	11	0.04	0.04	0.05	0.06	0.07	0.09	0.10
	513	13	0.05	0.05	0.07	0.08	0.10	0.11	0.13
	516	16	0.07	0.09	0.10	0.13	0.15	0.18	0.21
SpaceGard	201	10	0.08	0.10	0.12	0.15	0.18	0.21	0.25
	401	10	0.08	0.10	0.14	0.17	0.21	0.25	0.29



## Free Upgrade Rails - Convert Any Filter Box to AprilAire Media

AprilAire Air Cleaner Conversion Kits allows different brands of filter boxes to be upgraded to using AprilAire media filters. Most standard 4" cakebox-style filter housings can be converted using these rail kits.

Item #	Description	Item #	Replacement Filter
4897	Rail Kit: Converts 16" x 25" & 20" x 25" Media Boxes	610	Filter for Rail Kit: 16" x 25"
		613	Filter for Rail Kit: 20" x 25"



610 / 613



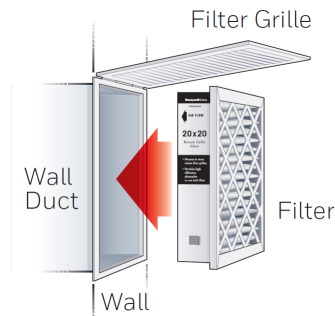
4897

# Honeywell® Media Air Cleaners & Filters

**Honeywell Home Media Air Cleaners** trap and filter airborne particles and contaminants from the air passing through the duct system helping to ensure cleaner air is distributed throughout the home. Media Air Cleaners capture up to 96% of airborne particles passing through the HVAC system, and maintain high airflow in the heating and cooling system so that it functions at full efficiency.



Model Number	Nominal Size	Cabinet Size W x D x H	MERV 11 Filters	Filter Case Qty.	Pressure Drop in W.G.
F100F1625	16" x 25"	16.19" x 25.44" x 6.75"	FC100A1029	5	0.23 @ 500 FPM @ 1.200 CFM
F100F2020	20" x 20"	20.19" x 20.44" x 6.75"	FC100A1011	5	
F100F2025	20" x 25"	20.19" x 25.44" x 6.75"	FC100A1037	5	0.23 @ 500 FPM @ 1.600 CFM
F100F2044	25" x 20"	25.19" x 20.44" x 6.75"	FC100A1037	5	

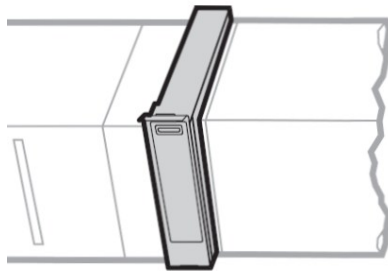


## High Performance Return Grille Filters

provide superior air filtration that's up to 10 times more effective than standard one-inch filters. They last up to 3X longer than standard one-inch filters.

Size	Part #	MERV Rating	Initial Pressure Drop in W.C.	Case Qty.
16" x 25" x 3"	FC40R1060	MERV 10	0.12	5
20" x 20" x 3"	FC40R1003	MERV 10	0.12	5
20" x 25" x 3"	FC40R1011	MERV 10	0.12	5
20" x 30" x 3"	FC40R1029	MERV 10	0.12	5

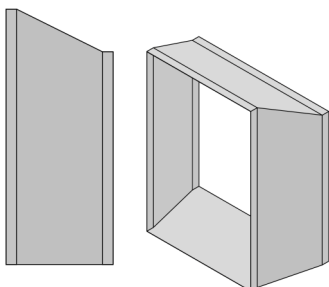
## Media Air Cleaner Return Plenums & Transitions



**Filter Box Return Plenums** are designed to make a return duct connection to popular wholesale media air filter cabinets.

### Air Cleaner Return Plenums

Item #	Length	Fits Honeywell Filter Cabinet	Fits AprilAire Filter Cabinet	Height x Depth
PLENUM-RET-16X20X2	2'	F1001620	1110	16" x 20"
PLENUM-RET-16X20X3	3'			
PLENUM-RET-16X25X2	2'	F100F1625	1410, 2410, 2416	16" x 25"
PLENUM-RET-16X25X3	3'			
PLENUM-RET-20X20X2	2'	F100F2020	1310, 2310	20" x 20"
PLENUM-RET-20X20X3	3'			
PLENUM-RET-20X25X2	2'	F100F2025	1210, 1910	20" x 25"
PLENUM-RET-20X25X3	3'	F100F2044	2210, 2216	
PLENUM-RET-28X31X2	2'	-	1510, 2516	28" x 31"
PLENUM-RET-28X31X3	3'			



**Transitions** make a smooth and sloped connection between the media air filter cabinets and the return flanges on standard-size furnaces

### Air Cleaner to Furnace Transitions

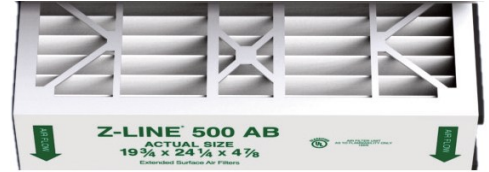
S8 & S9 Furnace Width	Filter Box Nominal Size	Item #	Furnace Opening Dimensions	Filter Box Opening Dimensions	Transition Length
A	16" x 25"	TRANSITION-13X20-15X24	13" x 20"	15" x 24"	10"
B	16" x 25"	TRANSITION-16X20-15X24	16" x 20"	15" x 24"	
	20" x 25"	TRANSITION-16X20-19X24	16" x 20"	19" x 24"	
	20" x 25"	TRANSITION-20X20-19X24	20" x 20"	19" x 24"	
C	28" x 31"	TRANSITION-20X20-24X29	20" x 20"	24" x 29"	



# Trion AirBear Replacement Filters

The ABP series has gasketing on the assembled filter to prevent air bypass. Each filter is individually wrapped in a plastic sleeve to protect it from contamination before installation.

Item Number	Nominal Size	Actual Size	MERV Rating	Initial Pressure Drop in W.C.	Filter Case Qty.
ABP16255	16" x 25" x 5"	15-3/4" x 24-1/4" x 4-7/8"	MERV 10	0.07	3
ABP20205	20" x 20" x 5"	19-3/4" x 20-3/4" x 4-7/8"	MERV 10	0.07	3
ABP20255	20" x 25" x 3"	19-3/4" x 24-1/4" x 4-7/8"	MERV 10	0.07	3



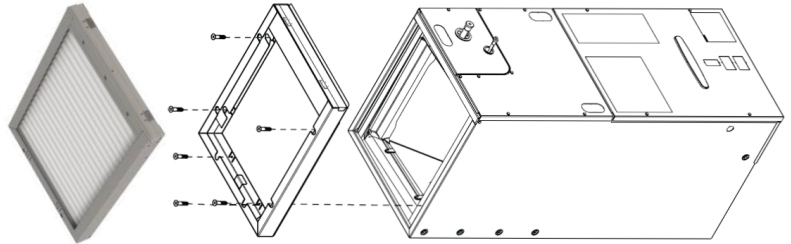
## Filter Racks

### SlimFit Filter Rack for TEM Series Air Handlers

TEM Series Air Handlers do not have a built-in filter rack. Add a SlimFit rack to provide filtration at the unit.

- Low profile 2" gray 18ga. steel painted frame to match cabinet
- Hinged, fully insulated R-4.2 front door for easy filter replacement
- Easy Installation with only 4 screws and included gasket

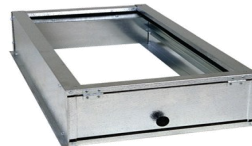
Item	Frame Size	Filter Size	Fits TEM Models
BAYSF1185BAA	18.5" x 21" x 2"	18" x 20" x 1"	18 - 31
BAYSF1235BAA	23.5" x 21" x 2"	20" x 23" x 1"	36 - 60



### Accommodator Filter Housings

- Spring-hinged door for easy access
- Fully insulated
- Gasketed door ensures tight seal
- Handles 1" or 2" filters

Application	Item	Overall H x W x D	Duct Opening	Filter Size
Air Handlers	ACE1620-3	3.75" x 17.38" x 22"	14.88" x 19"	16" x 20"
	ACE2020-3	3.75" x 21.38" x 22"	17.25" x 19"	20" x 20"
	ACE2025-3	3.75" x 26.38" x 22"	23.88" x 19"	20" x 25"
Furnaces	ACG1425-3	3.75" x 15.38" x 28.5"	12.88" x 26.5"	14" x 25"
	ACG1625-3	3.75" x 17.38" x 28.5"	14.88" x 26.5"	16" x 25"
	ACG2025-3	3.75" x 21.38" x 28.5"	18.88" x 26.5"	20" x 25"



### Adjustable Vertical Equipment Stands

Perfect for free draw return air systems where the AHU is in a closet or other conditioned space. Or insulate around the stand for ducted returns. The built-in filter rack holds standard 1" filters.

Item #	Size	D	W	H	Material	Max Weight
AHEB1722W	Standard - AHUs	22"	16" - 26"	17.5"	6061-T6 Aluminum	300 lbs.
AHEB1727W	Deep - Furnaces	27"				



# Wall Vents

## Aluminum Wall Vents



Item #	Mount	Case Qty.	Duct Size	Gauge	Flapper	Screen	Application
110557	Flush	24	4"	30ga.	Yes	No	Exhaust (Including Dryer)
110271	11.5" Neck	12					
110786	Flush	24	4"	30ga.	Yes	Yes	Exhaust (Not Dryer)
110684	11.5" Neck	12					

## Heavy-Duty Galvanized Wall Vents



Item #	Duct Size	Mount	Gauge	Case Qty.	Paintable	Flapper	Screen	Application
112211	4"	11" Tail	26ga.	12	Yes	Yes	1/4" Grid (removable)	Exhaust (Including Dryer)
112524	6"	11" Tail	26ga.	6	Yes	Yes (removable)	1/4" Grid (removable)	Fresh Air Intake or Exhaust
112323	8"	11" Tail	26ga.	6	Yes			
011029	10"	11" Tail	26ga.	1	No			

## Plastic Wall Vents



Item #	Duct Size	Case Qty.	Louver	Color	Mount	Application
111149	3" - 4"	24	Free-Swinging	White	Flush	Exhaust (Including Dryer)
110840	6"	12				
111151	3" - 4"	24	Free-Swinging	Brown	Flush	Exhaust (Including Dryer)
110844	6"	12				

# Roof Vents

## Vent with Flashing



Item #	Duct Size	Case Qty.	Mount	Flapper	Screen	Material	Application
PBRV04	4"	10	Collar	Yes	Steel Mesh (removable)	Black Plastic	Exhaust (Including Dryer)
PBRV06	6"	8	Collar				
011756	4"	1	Collar	Yes	1/4" x 1/4" (removable)	26ga. Galvanized Steel	
011772	6" - 8"	1	Flush				
011774	10"	1	Flush				

## Tapered Roof Jack With Vent Cap



Item #	Duct Size	Roof Pitch	Flapper	Screen	Case Qty.
ROOFJACK-04-9/12	4"	9 / 12	No	No	10
ROOFJACK-06-9/12	6"	9 / 12	No	No	8
ROOFJACK-08-9/12	8"	9 / 12	No	No	5

# Soffit / Eave Vents



Plastic Fixed Louver Vents

Item #	Duct Size	Louver Grid Size	Color	Mount	Case Qty.	Application
110811	4"	1/4" x 1/4"	White	Snap-On Ring	12	Fresh Air Intake or Exhaust (not dryer)
110899	6"	1/2" x 1/2"				
110972	4"	1/4" x 1/4"	Brown	Snap-On Ring	12	Fresh Air Intake or Exhaust (not dryer)
111008	6"	1/2" x 1/2"				

# RoofGoose Ventilation & Lineset Penetration Flashings

Designed to easily accommodate soft copper line sets, the **RoofGooseJack** is an easier and higher quality approach to lineset doghouses and pitch pockets.

**RJ\*-UTILITY Additional Contents:**

- (1) 6" Flexible Utility Jacket
- (2) quick draw stainless steel clamps
- (2) Nested Sets of Draftstopping

**RJ\*-IE Additional Contents:**

- (1) Removable Flapper Assembly
- (1) Bug Cap w/ Stainless Steel Screen

Height	Type	End Type	Opening Size	Item #
12"	Lineset Jack	Flexible Boot	4"	RJ4-UTILITY
			6"	RJ6-UTILITY
	Exhaust / Intake	Screen & Removable Damper	4"	RJ4-IE
			6"	RJ6-IE



- All Units Contain:**
- (1) 6" Base with Flange
  - (1) 6" RoofJack Lid
  - (5) 8" Roof Fasteners
  - (1) Rubber Gasket

Many Other RoofGoose Sizes & Styles Are Available!

## Thermofin® (“T-Fin”) & Non-Insulated Duct

**T-Fin®** air duct is a **semi-rigid** flexible aluminum pipe. This Class 0 air duct used as supply, return or exhaust. It allows extreme compression without making it harder to pull it back out for installation.

Item #	Mfg. #	Duct Size	Length	Compressed Length	Max Static	Case Qty.	End Style
TFIN-03	12903	3"	10'	23"	6" w.c.	20	Two Plain Ends
TFIN-04	12911	4"	10'	23"	6" w.c.	12	
TFIN-06	12823	6"	8'	23"	12" w.c.	4	One Crimped & One Plain
TFIN-08	12825	8"	8'	23"	12" w.c.	4	
TFIN-10	12827	10"	8'	23"	12" w.c.	2	
TFIN-12	12828	12"	8'	23"	8" w.c.	1	



**MNI25** is a UL-181 Class 1 **flexible** non-insulated air connector, used as a supply, return, and exhaust duct in low to medium pressure AC and exhaust applications. Built with a spring steel wire helix, encapsulated in a polyester, aluminum foil, and polyester tri-laminate, with raw ends.

Item #	Duct Size	Length	Max Static	Case Qty.
MNI25-03	3"	25'	10" w.c.	12
MNI25-04	4"	25'	10" w.c.	12



## Backdraft Dampers

**Backdraft dampers** are designed with galvanized steel collars and have lightweight aluminum damper blades. They are spring-loaded for positive closure. The collar is constructed of 27ga. galvanized steel, with a galvanized aluminum blade and a foam seal.

Item #	Duct Size
CAR100	4"
CAR125	5"
CAR150	6"

Item #	Duct Size
CAR175	7"
CAR200	8"
CAR250	10"

Item #	Duct
CAR315	12"
CAR355	14"
CAR400	16"





# Exhaust / Intake Grilles



White plastic air grille for residential and commercial applications. All models have an adjustable central valve to regulate the airflow. Suitable for both supply and exhaust applications.

Item #	CFM	Collar Size	Grille Diameter
BOR-100	15 - 100	3-1/8"	5-1/2"
BOR-150	45 - 235	5-1/8"	8"

## Dryer Venting

The **Dryerbox**® fits within 16" or 24" studs. Includes a duct support tab to maintain the ideal penetration length of 2" for Snaplock® conduit.

- Locate the dryer against the wall while protecting flex from damage
- DB-480 accommodates pedestal dryers and downward venting
- Doubles as gas connection receptacle & cleanout for code
- Surface is paintable, no masking needed

DB-480



Item #	Stud Size	Exterior	Interior	Direction	Case Qty.
		H x W x D	H x W x D		
DB-350	2" x 4"	21" x 12.5" x 4.4"	18.3" x 9.5" x 3.5"	Upward	6
DB-480	2" x 6" (2x4 w/ furring)	23.5" x 17.4" x 5.2"	20.5" x 14" x 4.3"	Up / Down / Sideways	5



DV-DVTA

The **Telescoping Dryer Duct** allows for quick and easy ducting from the dryer box to above the ceiling. It extends from 65" to 188" to meeting various height requirements.

Item #	Duct Size	Telescoping Length	Collar Size
DV-DVTA	6" x 2.5"	65" - 118"	4"

## Kitchen Ventilation

### AprilAire Kitchen Ventilation System



The **KV08 & KV10** Kitchen Ventilation Kits provide make-up air locally to areas where high-CFM range hoods are used to prevent home depressurization and its undesired side effects. The pressure switch monitors active air flow in the range hood's exhaust without the need to disconnect its wiring.

Item	Description
KV08	8" Round Damper • 24V 10VA transformer • Pressure Sensing Switch w/ Probe
KV10	10" Round Damper • 24V 10VA transformer • Pressure Sensing Switch w/ Probe
6508	8" Round Fresh Air Damper (24v)
6510	10" Round Fresh Air Damper (24v)

### Wallstack Duct

**Wallstack** is low profile, rectangular metal duct. At 3-1/4" x 10", it is designed to fit in a wall between the studs, or in a ceiling between the joists. It is often used for venting kitchen range hoods.



DUCT-60



BOOT-ST



BOOT-90



BOOT-END



ENDCAP

Item #	Description	Case Qty.	Dimensions
WALLSTACK-DUCT-60	Rectangular Duct	12	60" x 3.25" x 10"
WALLSTACK-BOOT-ST	Straight Boot w/ 6" Collar	12	3.25" x 10" w/ 6" Round
WALLSTACK-BOOT-90	90° Boot w/ 6" Collar	12	
WALLSTACK-BOOT-END	Center End Boot w/ 6" Collar	12	
WALLSTACK-ENDCAP	Endcap	12	3.25" x 10"

# Inline Mixed-Flow Fans

Model	Duct Size	Nom. RPM	Volts	Max. CFM	Max. Static Pressure	Max. Temp.	Height & Width	Length	Speed Control	Casing
TD-100	4"	2516	120v	101	0.4"	104°F	5-15/16"	9-1/8"	2727.1	ABS Plastic
TD-125	5"	2146	120v	197	0.55"	104°F	7-3/8"	10-3/16"	2727.1	
TD-150	6"	2289	120v	293	1.15"	140°F	8-3/8"	11-5/8"	2727.1	
TD-200	8"	2781	120v	538	1.625"	104 F	9-3/16"	11-7/8"	2727.1	Steel w/ Epoxy Coating
TD-250	10"	3200	115v	754	2.53"	140°F	11-7/16"	15-3/16"	2727.1	
TD-315	12.4"	2500	115v	1050	2.95"	140°F	14"	17-11/16"	2727.1	
TD-355	14"	1536	115v	2089	1.0"	140°F	17-3/4"	1/-11/16"	2727.1	
TD-400	16"	1559	115v	3127	1.2"	140°F	19-3/8"	21-1/2"	2828.1	

**TD Fans** have a powerful motor with a mixed flow impeller, enabling the fans to deliver high airflow with minimum noise against high static pressures. The unique support brackets allow the unit to be fitted or removed without dismantling the adjacent ducting, making install and service easy.



## New Construction Bathroom Fans by **BROAN**

### Economy Series

#### Housing Rough Kit

Item #	Duct Size	Case Qty.	Dimension H x W x D
1667EH	3"	6	3.7" x 7.5" x 7.25"
6884EH	4"	18	



#### Motor - Blade - Grille Finish Kit

Item #	CFM	Sones	Voltage	Grille Size	Energy Star	Case Qty.
1696NEF	50	2.0	120v	9" x 8.75"	Yes	6



### Flex Series

**Flex Series**® fans have quiet performance, with enough sound to know the fan is on. TrueSeal™ Dampers reduce air leakage, and the EzDuct™ connector can be installed from the room side, with no attic access required.

#### Housing Rough Kit

Item #	Dimension H x W x D	Duct Size	Case Qty.
A000HFNF	5.75" x 9.25" x 10"	4"	4



#### Motor - Blade - Grille Finish Kit

Item #	CFM	Sones	Voltage	Grille Size	Energy Star	Case Qty.
AE80BF1	80	1.2	120v	11.25" x 12"	Yes	4



**New Construction Project Packs** provide the housing for the fan separately from the grille and motor. This allows the contractor to install the housing "can," without worrying about damaging the fan and grille. Once all construction is complete, the motor/blade/grille kit is installed to finish the trim-out.



# Bathroom Fans - Retrofit

## Flex DC™ Series Fan with Selectable CFM



Item #	Features	CFM	Sones	Voltage	Grille Size	Housing Size	Duct Size	Energy Star
						H x W x D		
AE50110DC	Fan Only	50 - 80 - 110	0.3 - 0.4 - 0.9	120v	11.5" x 12"	5.75" x 9.25" x 10"	4"	Yes
AE50110DCL	Fan & Light							

**Flex DC™ Fans** allow for field selection between 50, 80 or 110 CFM. Retrofit installations can be done entirely from the room-side – no attic access required. They have a plug in, permanently lubricated, brushless DC motor – engineered

## Lo-Profile DC Series Fan with Selectable CFM



Item #	Features	CFM	Sones	Voltage	Grille Size	Housing Size	Duct Size	Energy Star
						H x W x D		
LP510RS	Fan Only	50 - 80 - 100	0.3 - 0.4 - 1.2	120v	13" x 13.75"	3.4" x 10.75" x 10.75"	4" Oval	Yes
LP510RSL	Fan & Light							

**Lo-Profile DC Fans** are narrow enough to be installed in a wall between 2x4 studs. The built-in humidity sensor turns the fan to high speed when increases in humidity are detected. This fan features TRUE CFM™ - the fan will not lose CFM performance regardless of how complicated the ducting. This bath fan meets ASHRAE 62.2 & ENERGY STAR®.

## Fan - Light - Heater Combo



Item #	Features	CFM	Sones	Voltage	Grille Size	Housing Size	Duct Size	Energy Star
						H x W x D		
BHFLED80	Fan - LED Light - Heater	80	1.5	120v	9.75" x 16.25"	5.75" x 8.25" x 14.25"	4"	No
P3RW	3-Function Rocker Switch Wall Control. Three independent, 120v 15a rocker switches.							

**Broan® PowerHeat™** has a 1300-watt heater for instant heat when you want it. It features an integrated dimmable LED with color adjustable CCT lighting; Choose between warm white (2700K), bright white (3500K), and daylight (5000K) color options. LED Dimmable Lighting may be used as a nightlight with a separate dimmer switch.

# Hi-Capacity / Commercial Fans



Model	Type	CFM	Sones	Grille Size	Housing Size	Duct Size	Energy Star
					H x W x D		
L100E	Ceiling	130	.3	14" x 14"	11.75" x 12.25" x 12.25"	8"	Yes
L150E	Ceiling	200	1.0	14" x 14"	11.75" x 12.25" x 12.25"	8"	Yes
L200E	Ceiling	230	1.3	14" x 14"	11.75" x 12.25" x 12.25"	8"	Yes
L250E	Ceiling	270	1.5	14" x 14"	11.75" x 12.25" x 12.25"	8"	Yes
L300E	Ceiling	310	2.5	14" x 14"	11.75" x 12.25" x 12.25"	8"	Yes
MG1	Optional Metal Grille						
RD1	1 - 3 Hour Radiation Damper with 212°F fusible Link. 3.62" H x 12.5" W x 12.5" D						



Model	Type	CFM	Sones	Grille Size	Housing Size	Duct Size	Energy Star
					H x W x D		
L400	Ceiling	434	2.3	14" x 23.25"	11.75" x 12.25" x 21.5"	4.5" x 18"	No
L500	Ceiling	514	3.3	14" x 23.25"	11.75" x 12.25" x 21.5"	4.5" x 18"	No
L700	Ceiling	701	4.7	14" x 23.25"	11.75" x 12.25" x 21.5"	4.5" x 18"	No

# Commercial Rooftop Exhaust Fans

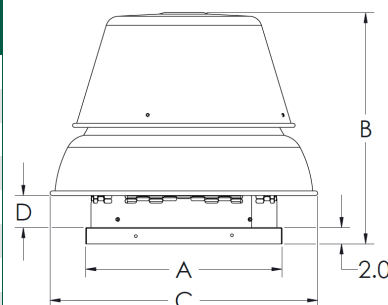
The **SDBD Centrifugal Downblast Roof Exhaust Fans** are generally used to exhaust air from all types of commercial and institutional buildings such as hospitals and health care facilities, schools, recreational buildings, machinery and equipment rooms, offices, retail stores and similar applications.

Model SDBD direct drive fans are designed to exhaust air up to 4,980 CFM in high static pressure applications to 2-1/4" w.g. The spun aluminum exterior provides an attractive appearance. The backward inclined wheel with its higher static pressure capability makes this unit suitable for either ducted or non-ducted applications. Its roof mounting permits location near the area to be ventilated, allowing short duct runs and more efficient operation.



## Direct Drive Exhaust Fans - Downblast - 115v/1/60

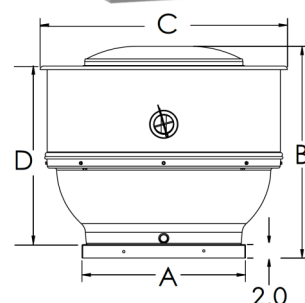
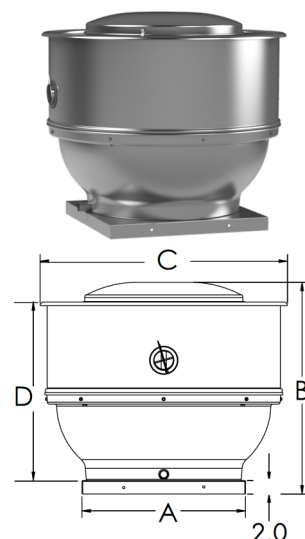
Item Number	Size	Motor H.P.	Motor RPM	Max CFM @ 0 w.g.	Dimensions				Roof Opening	Curb O.D.	Damper O.D.
					A	B	C	D			
SDBD06JH1AS	6	1/10	1550	351	18"	14.13"	22.32"	1.5"	13.5"	16.5"	12"
SDBD07JH1AS	7	1/10	1550	476	18"	16.82"	22.32"	4.13"	13.5"	16.5"	12"
SDBD08JH1AS	8	1/10	1550	862	18"	20.5"	22.32"	4.13"	13.5"	16.5"	12"
SDBD10PH1AS	10	1/3	1625	1348	18"	20.5"	22.32"	5.13"	13.5"	16.5"	12"
SDBD12QH1AS	12	1/2	1625	1885	20"	27.32"	27.63"	3.88"	15.5"	18.5"	14"
SDBD14MM1AS	14	1/4	1075	2216	20"	27.32"	27.63"	3.88"	15.5"	18.5"	14"
SDBD15QM1AS	15	1/2	1150	2683	24"	28"	32.88"	4"	19.5"	22.5"	18"
SDBD16QM1AS	16	1/2	1150	3330	24"	28"	32.88"	4"	19.5"	22.5"	18"



## Direct Drive Exhaust Fans - Upblast - 115v/1/60

Item Number	Size	Motor H.P.	Motor RPM	Max CFM @ 0 w.g.	Dimensions				Roof Opening	Curb O.D.	Damper O.D.
					A	B	C	D			
STXD10RHULPH1AS	10	1/3	1625	1445	18"	25.32"	28.63"	23.32"	13.5"	16.5"	12"
STXD12RHULQH1AS	12	1/2	1625	1918	20"	26.94"	31.32"	24.94"	15.5"	18.5"	14"
STXD14RHULMM1AS	14	1/4	1075	2148	20"	26.94"	31.32"	24.94"	15.5"	18.5"	14"
STXD15RHULQM1AS	15	1/2	1140	2643	24"	27.63"	36.5"	25.63"	19.5"	22.5"	18"
STXD16RHULQM1AS	16	1/2	1140	3187	24"	27.63"	36.5"	25.63"	19.5"	22.5"	18"

The **STXD-RHUL Centrifugal Upblast Roof Exhaust Fans** are also direct drive fans. They are UL762 listed as power ventilators for restaurant exhaust appliances, and are designed to eject contaminated or grease-laden air. Typical applications include restaurant hoods and similar kitchen exhaust ventilation, fume and smoke removal, laboratory fume hood exhaust and chemical process exhaust.



# Commercial Rooftop Fan Accessories

## Roof Mounting Curbs

Item #	O.D. Square	Height	Fits Fan Size
711216	16.5"	12"	6, 7, 8, 10
711218	18.5"	12"	12, 14
711222	22.5"	12"	15, 16

## Gravity Backdraft Dampers

Item #	O.D. Square	Height	Fits Fan Size
411012	12"	2"	6, 7, 8, 10
411014	14"	2"	12, 14
411018	18"	2"	15, 16

## Speed Controller

Item #	Voltage	For Fan Size
2727.1	115v	6 - 14
2828.1	115v	15, 16





# Fresh Air Ventilation



The **Fresh-Air Filter Rack** is a simple way to pre-filter fresh air before it reaches the return air ductwork. It has a 12" flanged opening on one side, and a ductboard back on the other to accommodate many duct sizes.

## In Line Fresh-Air Filter Rack

Item #	H x W x D	Filter Size	Insulation
12X12FAFRERY	12" x 12" x 6"	12" x 12" x 2" (Nominal)	R8 with a Ductboard Back

The **Y8150A1017** Fresh Air Ventilation System control operates a fresh air intake damper and, when needed, activates the main HVAC blower to efficiently meet ASHRAE ventilation rates.



## Honeywell Fresh Air Ventilation System

Item	Description	Replacement Actuator
EARD6TZ	6" Round Fresh Air Damper	M847D-VENT
EARD8TZ	8" Round Fresh Air Damper	
W8150A1001	Fresh Air Ventilation Control	
Y8150A1017	Fresh Air Ventilation Kit - Includes EARD6TZ damper, W8150A1001 control, and a 24v transformer	



The **8126X** ventilation system measures outdoor temperature and indoor humidity to stop ventilation at adjustable high and low lockouts. The patented control programming maintains ASHRAE 62.2 even during high and low temperature limit lockouts

## AprilAire Fresh Air Ventilation System

Item	Description
8126X	Ventilation Kit: Includes 8120X controller, 6506 6" damper, 24v transformer, outdoor temperature sensor, and duct board bracket
6506	6" Round Fresh Air Damper (24v)
6508	8" Round Fresh Air Damper (24v)
8120X	24v Ventilation Controller with LCD Screen

The **8145** Fresh Air Ventilator has an integrated control to provide temperature and humidity lock-outs while maintaining ASHRAE Standard 62.2.

The **8144NC** Fresh Air Ventilator for multi-family is designed for continuous airflow applications up to 130 CFM. Operation is interlocked with the HVAC system.



8145

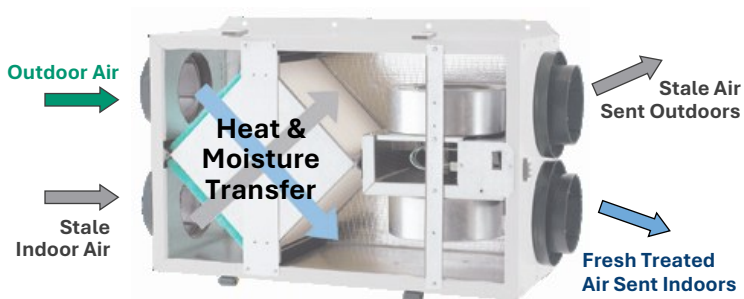


8144NC

## Power Fresh Air Ventilators

Item	Description
8145	Fan-Powered Fresh Air Ventilator with Integrated Control - 115v
8144NC	Fan-Powered Multi-Family Fresh Air Ventilator - 115v

# Energy Recovery Ventilators (ERVs)



- 6" & 8" double collar duct connections for EERV100 & 200
- 8" round compatible duct connection for EERV300
- Closed cell foam gasketing for insulation integrity
- 1" duct board insulation with cleanable foil face
- Passive defrost - condensate drain not required

ERVs use two fans at the same time. One fan pulls fresh air indoors, while the second fan moves stale air to the outside. When the air streams cross, a heat exchanger sends moisture and heat from one air stream to the other. The system can transfer a majority of the energy from the stale, outgoing air and apply it to the fresh, incoming air. This allows the ERV to provide fresh air at a temperature and humidity level closer to the temperature of the air already inside.

## Trane® ERV Systems

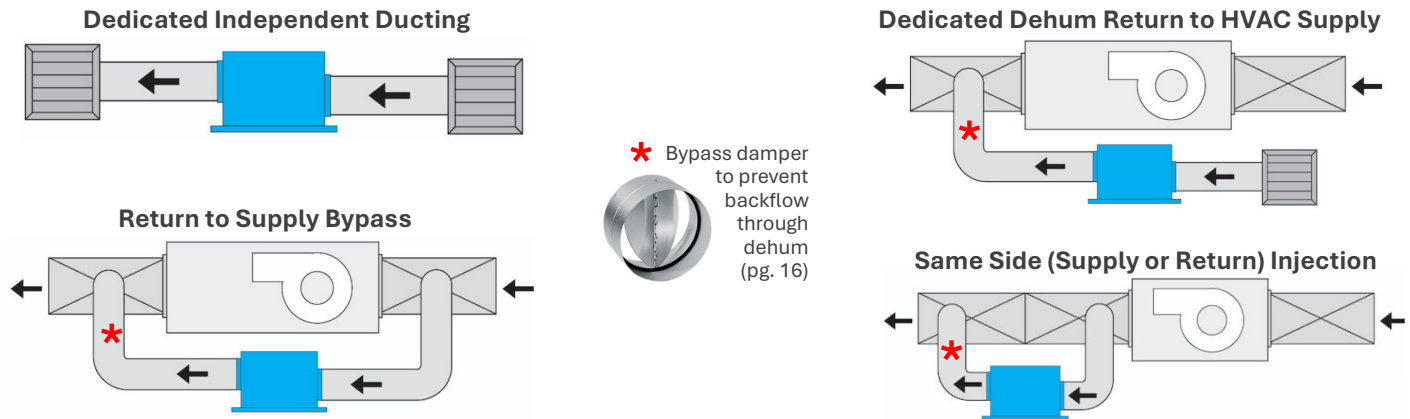
Item #	CFM	Dimensions H x W x D	Replacement Filter
EERV100A1P00B	120	20.13" x 28.75" x 13"	FLR08618
EERV200A1P00B	200	20.13" x 28.75" x 23.88"	FLR08619
EERV300A1P00B	300	20.13" x 28.75" x 23.88"	FLR08619

- "Guillotine" type dampers are included to balance for correct airflow
- Percent Timer (PT) control included for simple, automatic operation

# Dehumidifiers

Most HVAC systems naturally remove a certain amount of moisture while adding cool air to the space for comfort. When the HVAC system can't achieve optimal RH%, dehumidifiers can help. These units can reduce the workload on the HVAC system, which can increase its lifespan and reduced repair and maintenance costs. Dehumidifiers reduce moisture levels in the air, increasing comfort and helping to prevent mold, mildew, and odors.

## Typical HVAC Applications



## AprilAire® Dehumidifiers



\* Models E080, E100, and E130

### Digital Control

- Intuitive RH% set point
- Top & side mounting options
- Set to either activate or deactivate the unit while the AC is running
- Primary/secondary zoned dehumidification options
- Ventilation control options including ASHRAE 62.2

### Accurate Installation

Bubble level for accurate installation

**Duct Collar**  
10" diameter  
with retention tabs

**Fresh Air**  
Ability to pull fresh air into the home  
(per ASHRAE 62.2)

**Smaller Cabinet, Larger Capacity**  
The Models E080 and E100 have a reduced cabinet that fits into crawl spaces, scuttle openings, and HVAC closets

### Simple Draining

Patented backflow insert forces water out of the drain, removing the need for a P-trap

### Corrosion Defense

Aluminum coils for complete corrosion defense

### Adjustable Feet

Robust plastic feet are easy to adjust by hand, no tools necessary

**For sizing guidance, please visit**  
<https://dashboard.aprilairepartners.com/dehumidifier-calculator>

# AprilAire® Dehumidifiers

Item #	Moisture Removal @ 80°F, 60% RH	Fresh Air Controls	Airflow @ 0.4 w.c.	Voltage	Amps	Noise (ducted)	Weight	Dimensions W x H x L	Replacement Filter
E080	80 pints per day	No	85 CFM	120v	4.8	48 dba	63 lbs.	14" x 15" x 26"	12" x 14" x 1"
E100V	100 pints per day	Yes	210 CFM	120v	6.7	55 dba	69 lbs.	14" x 15" x 26"	12" x 14" x 1"
E130	130 pints per day	No	225 CFM	120v	8.3	50 dba	98 lbs.	19.5" x 18.8" x 30"	14" x 19" x 1"

Wi-Fi Upgrade Item #	Bandwidth	Network Security Compatibility	Wi-Fi Range
70000238	2.4GHz networks	WPA/WPA2/WPA3/ Open Personal	300'

- Integrates with the AprilAire Healthy Air App – alerts, diagnosis, updates
- Backwards compatible on E-series models E070, E080, E100, and E130



## Ventilation Plenum

**The Model 8190FF** is a ventilation plenum that can be installed to any Model E100 dehumidifier. Ventilation is controlled by the VENT terminals on the dehumidifier user interface. When not engaged, the 6" ventilation duct is closed while, the 10" return duct is open to allow for dehumidification of the air in the home. When ventilating (powered), the return duct closes while the ventilation duct opens to allow fresh air to enter the home.

Plenum Item #	Duct Connections	Dimensions W x H x L
8190FF	6" - Fresh Air 10" - Return Air	12.3" x 23.5" x 17.3"



## AprilAire® Dehumidifier Controls



**The Model 76** wall mounted, 4-wire humidistat for use with any dehumidifier as an **external control**, including AprilAire® 1800 Series and e-series dehumidifiers.

It can also be used as a communicating **remote control** with all AprilAire® 1800 Series and e-series dehumidifiers.

Item #	Description
76	Wall mounted, 4-wire humidistat

# Dehumidifiers from **Honeywell** Home

Item #	Moisture Removal @ 80°F, 60% RH	Fresh Air Connection	Standalone Controls	Replacement Filter	Dimensions W x H x L	Replaced By:
DR65A3000	65 pints Per Day	No	Yes	50049537-005	12" x 12" x 28.5"	DHM065R4000
DR90A3000	90 pints Per Day	Yes - 6"	No	50070171-002	14.4" x 19.33" x 32.4"	DHM090R4000
DR120A3000	120 Pints Per Day	Yes - 6"	No	50070171-002	14.4" x 21.25" x 32.4"	DHM120R4000

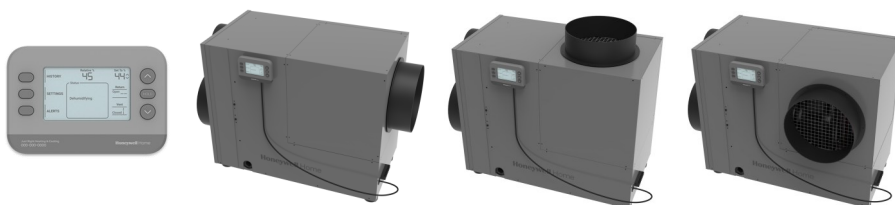


Item #	Moisture Removal @ 80°F, 60% RH	Fresh Air Connection	Standalone Controls	Voltage	Replacement Filter	Dimensions W x H x L
DHM065R4000	65 pints Per Day	No	Yes	120v	12" x 12" x 1"	12.8" x 12.8" x 27.8"
DHM090R4000	90 pints Per Day	Yes - 6"	Yes	120v	14" x 20" x 1"	14.9" x 21.2" x 33.5"
DHM120R4000	120 Pints Per Day	Yes - 6"	Yes	120v	14" x 20" x 1"	14.9" x 21.2" x 33.5"

The **DHM Series** tri-directional outlet makes installation smooth in any location, even in the tightest, trickiest spaces.




The onboard display control simplifies setup and configuration while taking the guesswork out of servicing.

Able to power and control a spring open/power close return damper and a power open/spring close fresh air damper.



## Dehumidifier Controls

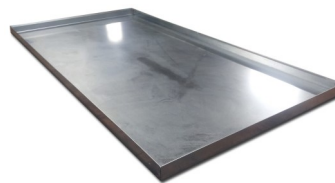
Integrate a dehumidifier into the central HVAC system using a thermostat with dehumidification terminals. Or use the HumidiPro for dedicated control.

TH8321R1001 VisionPRO 8000	THX321WFS3001W T10 Pro Smart Series	H6062A1000 HumidiPRO Control
 <ul style="list-style-type: none"> <li>All-in-one control for the space</li> <li>RedLINK® technology &amp; accessories</li> <li>Smart Schedule programs in seconds</li> </ul>	 <ul style="list-style-type: none"> <li>Energy savings through scheduling and geo-fencing</li> <li>Add RedLINK® Room Sensors to extend reach of thermostat</li> </ul>	 <ul style="list-style-type: none"> <li>Wired outdoor sensor included</li> <li>Automatically adjusts indoor setting based on outdoor conditions</li> </ul>

## Dehumidifier Hanging Kits & Pans

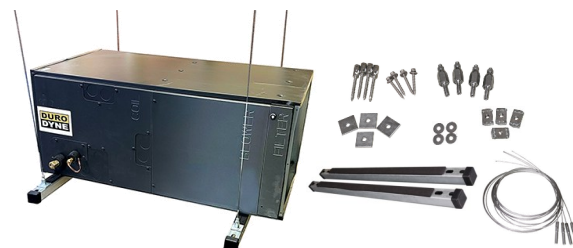
### Drain Pans

Item #	Size	Application
PAN-18X36	18" x 36"	E080, E100V, DR65, DHM65, DR90, DHM90, DR120, DHM120
PAN-24X34	24" x 34"	E130



### Hanging Kits

Item #	Description	Contents
32059	Hanging Kit w/ 36" Strut & 15' Wire Rope	<ul style="list-style-type: none"> <li>(2) 36" Strut Channel</li> <li>(4) 15' Wire Rope</li> <li>(4) Rod Hanging Anchors</li> <li>Hardware</li> </ul>
TS3315SL4DW	3/8" Threaded Rod Suspension Hardware	<ul style="list-style-type: none"> <li>(4) 15' Wire Rope</li> <li>Hardware</li> <li>(4) Rod Hanging Anchors</li> </ul>







# QUEST Commercial Dehumidification



The **Quest 155 & 205** are the highest capacity 115v dehumidifiers. Using 10 amps @ 115v, the 205 recycles energy during dehumidification, resulting in a 30% capacity boost.

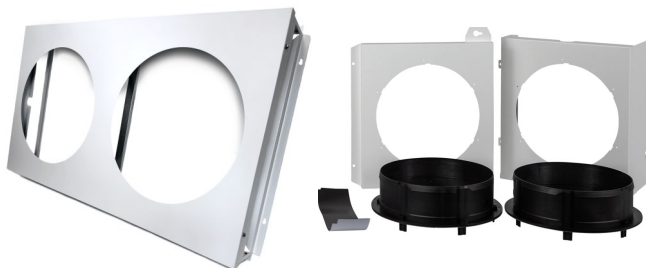
The **Quest 225 & 335** boast energy-efficient patented M-CoRR coil technology. These units feature a compact size, digital controls with a terminal block for optional external controls, and integrated lift and hang points.



The **Quest 506 & 746** are workhorses designed to work round-the-clock. With integrated handles and hang points, they can be hung from overhead, freeing up valuable floor space.



Model	Item #	Voltage	Amp Draw	Moisture Removal @ 80°F, 60% RH	Standalone Controls	Refrigerant	Dimensions L x W x H	Recommended Drain Pan
155	4046120	115v	6.9	155 Pints Per Day	Yes - Electronic	R454B	26.8" x 23.6" x 20.9"	PAN-32X36
205	4046110	115v	10.0	200 Pints Per Day	Yes - Electronic	R454B	26.8" x 23.6" x 20.9"	PAN-32X36
225	4046100	208-230v / 1	6.1	225 Pints Per Day	Yes - Electronic	R454B	26.8" x 23.6" x 20.9"	PAN-32X36
335	4046200	208-230v / 1	8.4	345 Pints Per Day	Yes - Electronic	R454B	32.9" x 24.6" x 23.7"	PAN-32X40
335	4046210	277v / 1	6.3	345 Pints Per Day	Yes - Electronic	R454B	32.9" x 24.6" x 23.7"	PAN-32X40
506	4046300	208-230v / 1	10.9	500 Pints Per Day	Yes - Electronic	R454B	44.8" x 29" x 27.4"	PAN-32X60
506	4046310	208-230v / 1	8.2	506 Pints Per Day	Yes - Electronic	R454B	44.8" x 29" x 27.4"	PAN-32X60
746	4046320	480v / 3-Phase	4.9	730 Pints Per Day	Yes - Electronic	R454B	44.8" x 29" x 27.4"	PAN-32X60



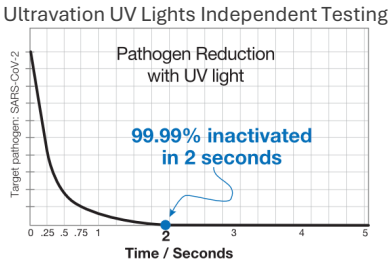
## Duct Transitions for Quest Dehumidifiers

Model	Return Kit	Supply Kit	Duct Size
155, 205 & 225	4043235 (Combo Kit)		14" Round Return & Supply
335	4042685 (Combo Kit)		16" Round Return & Supply
506 & 746	4044432	4044431	Dual 14" Return / Dual 14" Supply

# Ultraviolet (UV-C) Disinfection

Since 1935 ultraviolet light has been used for disinfection in many applications, including air treatment

- The effectiveness of a UV-C system to inactivate microorganisms in the air and/or on surfaces has been amply demonstrated; the best results were obtained for the long-term irradiation of downstream coil surfaces to avoid fungal amplification on wet surfaces. (ASHRAE 2015 Position Document)
- UV provides high operating efficiency by way of its consistent prevention of bio-growth on HVAC components. In turn it reduces or completely eliminates the need for other types of system/cooling coil cleaning.
- UV exposure to the HVAC airstream can reduce airborne pathogen counts throughout an air conditioned space.



## UV for Residential Split Systems

### Entry-Level: UVC Advantage

The **UVC Advantage** is engineered for efficiency - the lamp and power supply are one unit. As an integrated UV light system both lamp and electronics are renewed at every lamp change! Enjoys complete mounting flexibility right out of the box:

- 6 built-in mounting tabs
- Magnet included to for efficient internal installation
- Galvanized mounting plate included for duct board and metal plenums

Quality	Item #	Bulb Length	Power	Bulb Life	Warranty	Replacement Bulb
Entry Level	ADV1224	12"	24v	9,000 Hours	1 Year	N/A - Replace Unit
	ADV1724	17"				

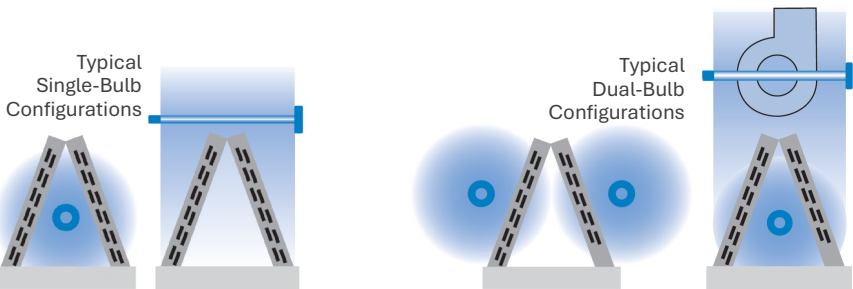


### Premium: UltraMax EZ

The **UltraMax EZ** has a patented Remote UV lamp system. This allows for optimal bulb placement, while placing the power supply with LED indicators lights in a prominent position for visibility and service access.

- Electronic Power Supply outperforms old fashioned ballasts, increasing efficiency and optimizes UV intensity over the life of the lamp. Indicator lights show bulb status for owner and service confidence.
- The adjustable Z-Bracket allows for multiple installation configurations, including magnet-mounting
- Easily upgrades into a two-bulb system with a second lamp (EZ-LIGHT 6P)
- T3™ UV Lamps - up to 40% more UV intensity, with 18,000 hour lamp life

Quality	Item #	Bulb Length	Replacement Bulb	Power	Bulb Life	Warranty
Premium	UMX2412-EZ-M	12"	AS-IH-1001	24v	T3™ UV Lamps 18,000 Hours	10 Year (Unit) 1 Year (Bulb)
	UMX2419-EZ-M	17"	AS-IH-1003			
Add for Dual Bulb	SLX-AAL-12	12"	AS-IH-1001	Pigtail to Power Supply	T3™ UV Lamps 18,000 Hours	10 Year (Unit) 1 Year (Bulb)
	SLX-AAL-17	17"	AS-IH-1003			



# UV for Hyperion (TAM/GAM) Air Handlers

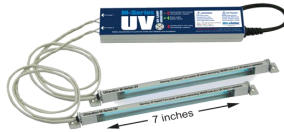


The TCEZLV-217 power supply incorporates a built in door switch to deactivate power when air handler panel is opened. All components mount with durable adhesive strips for ease of installation with no drilling/modification of air handler required.

Application	Item #	Bulb Length	Power	Bulb Life	Warranty	Replacement Bulb
<b>TAM-GAM AHUs</b>	TCEZLV-217	Dual 17" Bulbs	120v - 240v	T3™ UV Lamps 18,000 Hours	10 Year (Unit) 1 Year (Bulb)	(2) AS-IH-1003

## UV for Ductless, Fan Coil, & PTAC Systems

### M-Series UV™



The M-Series™ UV system provides maximum UV-C germicidal disinfection. The high-intensity germicidal UV light kills microorganisms such as mold and bacteria that grow inside the A/C unit as well as helps reduce the airborne contaminants passing through the HVAC system.

Application	Item #	Ballast Size	Bulb Length	Power	Bulb Life	Warranty	Replacement Bulb
<b>Ductless - Fan Coil - PTAC</b>	UVM-207	6" x 1.5" x 1"	Dual 7" Bulbs	120v - 240v (Auto Sensing)	18,000 Hours	10 Year (Unit) 1 Year (Bulb)	(2) UVM07URL
	TUV-MINI-LED-SW	5.12" x .77" x .78"	40" Adhesive LED Strip	120v - 277v (Auto Sensing)	50,000 Hours	10 Year (Unit) 1 Year (Bulb)	TUVL-MINI-LED

### Mini UV LED



The Mini UV LED has a LED strip designed to sterilize surfaces while having no impact on plastics. The flush-mount power switch allows for on/off control when visible LED illumination is an issue.

- UV LED spectrum is safe for eyes & plastics
- 40" Adhesive LED strip
- Flush-mount night-time power switch
- Trimmable in 4" increments

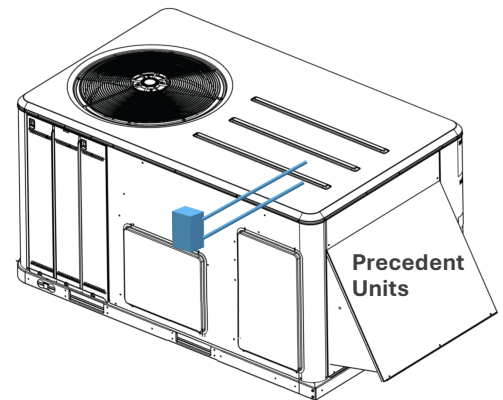
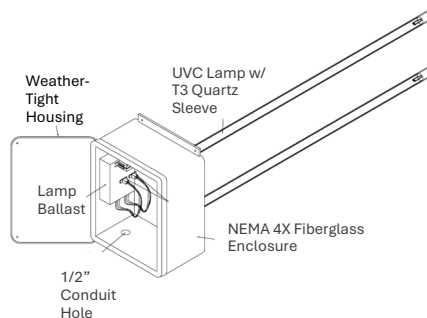
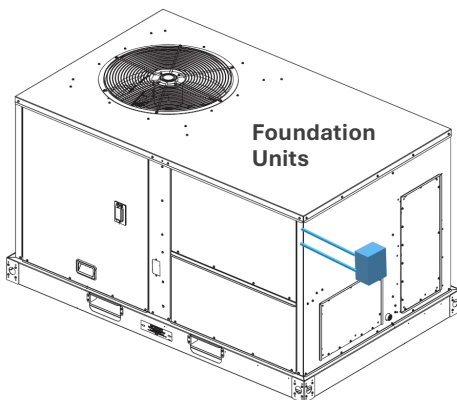
## UV for Small Rooftop Units



The UVMatrix™ 4X has a compact design with a NEMA 4X rated electrical cabinet for operation outdoors and in wet areas. The fiberglass cabinet is weather-tight, and the UV lamps have a 360° dispersion for maximized disinfection. The cabinet houses all electrical connections, and allows for easy service and bulb changes without removing unit panels.

- Automatically adjusts to voltages ranging from 120 to 277 VAC 50/60Hz
- Safety Interlock System
- Dry contacts provided for use with optional remote lamp monitoring devices

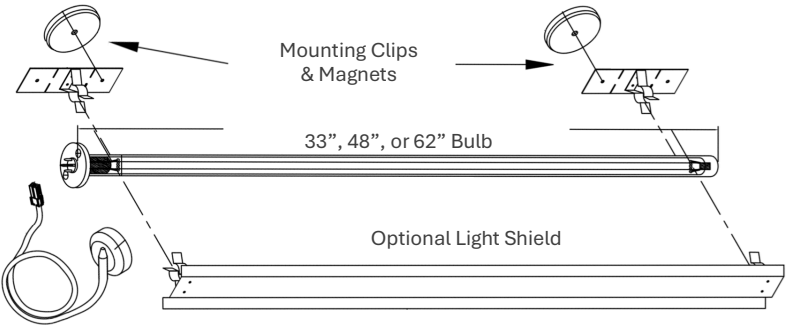
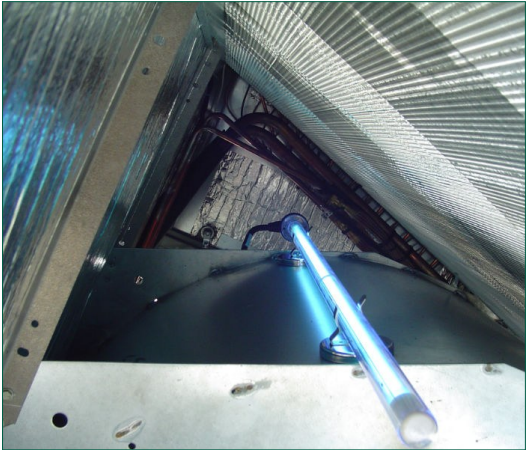
Application	Item #	Bulb Length	Power (Auto Sensing)	Replacement Bulb	Warranty	Common Trane RTU Applications
<b>Small Rooftops</b>	UVMatrix 4X-233	(2) 33"	120v - 277v	AS-IH-0611	10 Year (Unit) 1 Year (Bulb)	Foundation & Precedent 3 - 10 Ton



# UV for LCU Air Handlers & Rooftop Units

The UVMatrix-EZ is a flexible and easy-to-install design. The unit ships with a bulb, power supply, and mounting clips/magnets. The 120v - 277v auto-sensing power has dry contacts for building management integration: closed when UVC lamps are running / open with any lamp failure.

Application	Item #	Bulb Length	Power (Auto Sensing)	Common Trane AHU Applications	Replacement Bulb
LCU Air Handlers	UVMatrix EZ-33-M	33"	120v - 277v	TWE060 - TWE090 (2 units recommended for best coil coverage)	AS-IH-0611
	UVMatrix EZ-48-M	48"	120v - 277v	TWE120 (2 units recommended for best coil coverage)	AS-IH-0612
	UVMatrix EZ-62-M	62"	120v - 277v	TWE150 - TWE300 (2 units recommended for best coil coverage)	AS-IH-0610
Rooftop Units	UVMatrix EZ-33-M	33"	120v - 277v	EDK/GDK036 - 060 TSK/YSK036 - 120 (2 units recommended for best coil coverage)	AS-IH-0611
	UVMatrix EZ-48-M	48"	120v - 277v	EDK/GDK090 - 150 TSK/YSK150 (2 units recommended for best coil coverage)	AS-IH-0612
	UVMatrix EZ-62-M	62"	120v - 277v	EDK/GDK180 - 300 TSK/YSK180 - 300 (2 units recommended for best coil coverage)	AS-IH-0610



### Optional Accessories

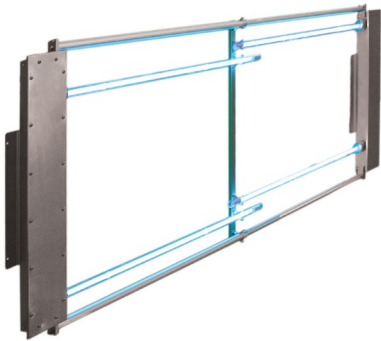
Item #	Description
94-045	Light Shield for 33" Bulb
94-046	Light Shield for 48" Bulb
94-043	Light Shield for 62" Bulb
EL-PP-0057	Safety switch with roller lever access panel / door
94-055	UV Viewport Panel w/ 2 Layers of Safety Glass (8" x 8")



# UV for Large Chilled Water AHUs

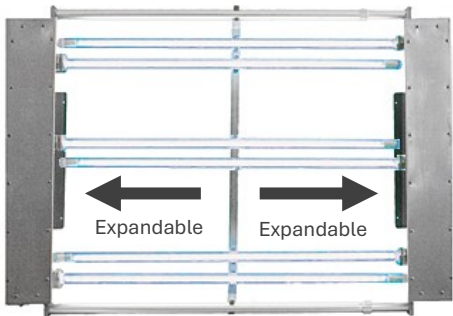
The UVMatrix™ SI Series is designed for air handlers where personnel can enter or have enough access to change lamps from the interior of the air handler. The UVMatrix™ SI Series is an expandable rack that utilizes two lamp lengths to cover a wide range of interior widths. It covers widths from 40" to 124".

Coil Width	Coil Height	Rack Width	Rack Height	Item #	Bulb Size & Quantity	Replacement Bulb
38" - 66" Wide Coils	18" - 30"	42" - 76"	18"	UVMATRIX SI-2/G36	(2) 33" Bulbs	AS-IH-0611
	30" - 50"	42" - 76"	34"	UVMATRIX SI-4/G36	(4) 33" Bulbs	
	50" - 70"	42" - 76"	58"	UVMATRIX SI-6/G36	(6) 33" Bulbs	
66" - 124" Wide Coils	18" - 30"	76" - 126"	28"	UVMATRIX SI-2/G64	(2) 62" Bulbs	AS-IH-0610
	30" - 50"	76" - 126"	34"	UVMATRIX SI-4/G64	(4) 62" Bulbs	
	50" - 70"	76" - 126"	58"	UVMATRIX SI-6/G64	(6) 62" Bulbs	



The UVMatrix CP-Series is a custom built Control Panel that connects to the UVMatrix SI products. The control box can include the following options:

- A LED per lamp to show which UVC lamp is in operation
- ON/OFF switch to operate the UVC lamps externally
- Running time meter to indicate the operating hours of the UV system
- System Power Indicator Light
- UVC Sensor that reads true UVC
- ON/OFF/AUTO switch to control the system via remote switch
- Dry contacts: closed when UVC lamps are running / open with any lamp failure





# Bi-Polar Ionization

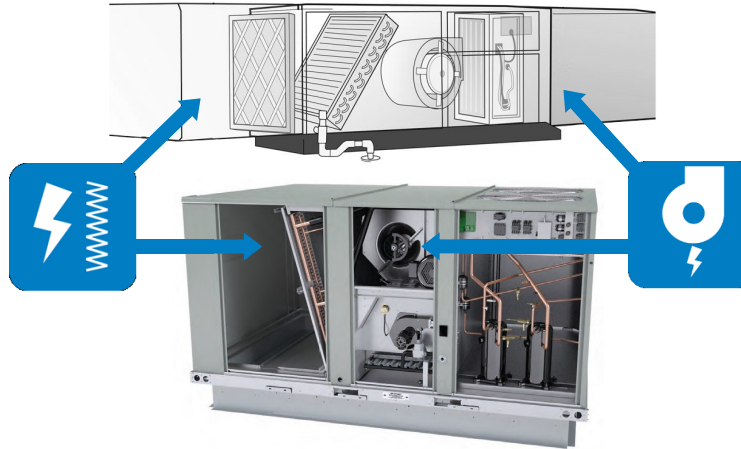
**Ionization releases positive and negative ions that electrically charge the components of air contamination.**

Ionization removes many of the smallest airborne contaminants (nano-particulates) that would otherwise pass through filtration. These are particles so small and light they remain suspended in air, are able to evade normal breathing defenses, and can enter into the lungs. When installed just prior to an air filter, the ionizer statically charges the particles causing them to gather into large groups - large enough to be captured in the nearby filter.

- The electrical charges cause the molecules of common odors and VOCs to be broken up leaving the air fresh and clean smelling.
- The ions are germicidal - contact with bacteria/viruses in the air and on surfaces can render them inactive, which disinfects the air.

## Return Air Applications

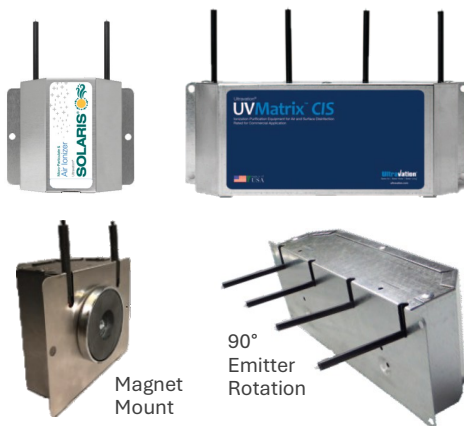
When installed near filtration, the grouped particulates are immediately captured by filter fibers. The ions also prevent microbial growth on the filter.



## Supply Air Applications

Installed near the blower, or in the supply ductwork / plenum, the odor and VOC reduction is maximized. This is the best location for air freshening.

## Ionization for Small Systems



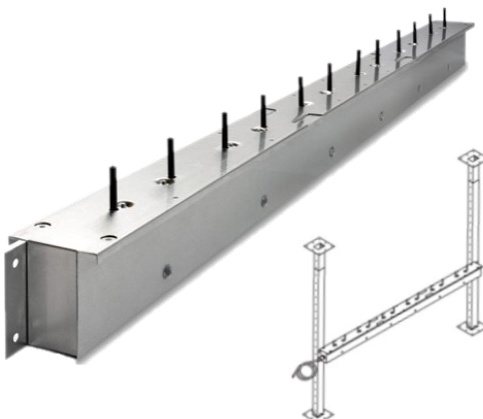
Capacity	Item #	W x H x D	# of Pulse Emitters	Ion Output	Voltage	Mounting Hardware
<b>Up to 6 Tons</b> (2,400 CFM)	SLX-PG5T	4" x 4" x 2.75"	2	320 Million Ions / CC	24v	Mounting Tabs, Magnet Mount, and External Plate Included
<b>7 to 12 Tons</b> (2,800 - 4,800 CFM)	CIS12	4" x 11.5" x 3"	4	640 Million Ions / CC	24v (Includes 40va Transformer)	



Adapter Plate

- Releases millions of positive and negative ions per second
- External adapter plate insures perfect mounting to metal ductwork
- Emitters rotate 90° for mounting externally on ductwork
- Magnets allow for easy surface mounting inside of equipment
- CIS12 includes a 24v transformer for low-voltage applications
- **Install multiple units to match larger system tonnage**

## Ionization for Large Systems



Capacity	Item #	W x H x D	# of Pulse Emitters	Ion Output	Voltage
<b>30 - 36 Tons</b> (12,000 - 14,400 CFM)	CIS36	49" x 3" x 3"	12	1.92 Billion Ions / CC	120-277v (Auto Sensing)
<b>-BIC Option:</b> Dry contacts for connection to Building automation					

### Optional Mounting Posts

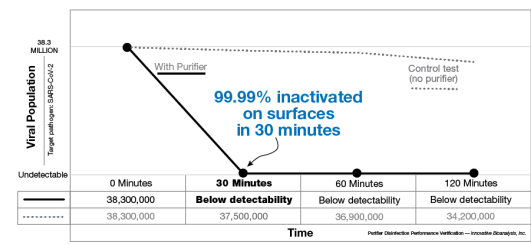
Item #	Type	Notes
VXP-120	48" - 120" Vertical Post	3-Piece (no cutting needed)

- 12 rapid pulse emitters
- 20 ft. power lead
- Rack mount-able in large air handler
- For larger systems, rack-mount multiple CIS units

# Photocatalytic Oxidation (PCO)

PCO air purifiers work at the molecular level to break up common odors, harmful volatile organic compounds (VOCs), as well as other organics including airborne viruses, bacteria and allergens.

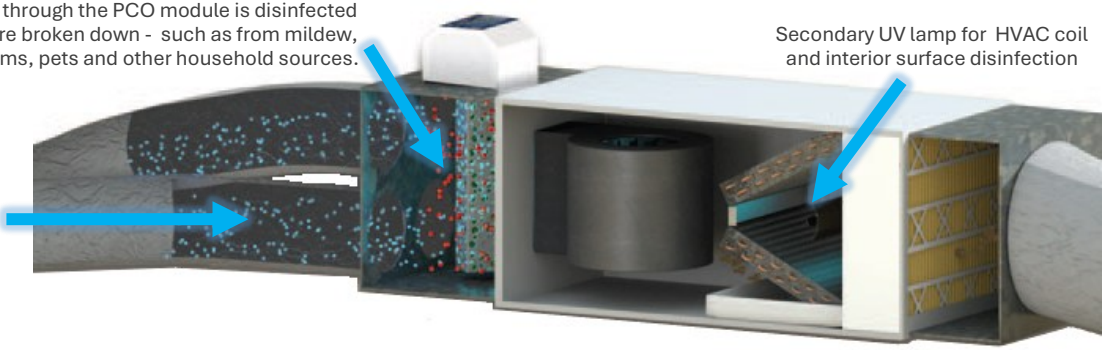
- The PCO process combines UV light irradiation with a titanium dioxide (TiO<sub>2</sub>) catalyst. This produces hydroxyl radicals, which are highly reactive, short-lived, uncharged forms of hydroxide ions.
- These radicals attack larger organic contamination, breaking them up into simplified molecules, mostly water vapor, CO<sub>2</sub>, and deactivated microbes. The result is odor-free and healthier air.



## PCO for Residential Split Systems

Air passing around and through the PCO module is disinfected while odors and VOCs are broken down - such as from mildew, laundry, kitchen, bathrooms, pets and other household sources.

Oxidizing hydroxyl radicals are released to break down airborne pollutants and disinfect household surfaces.



### Entry-Level: Advantage PowerPCO™

- One-piece UV lamp & power module
- Activated carbon infused PCO
- 40% more UV intensity with T3™ quartz glass-encased UV lamp.
- **Ozone Free: Conforms to UL 2998**

Quality	Capacity	Item #	Bulb Length	Power	Bulb Life	Warranty	Replacement Module
Entry Level	Up to 6 Tons	ADVPWPCO2412	10"	24v	18,000 Hours	18,000 Hours	UVC-MOD-12-T3



### Premium: UVPhotoMAX GI™

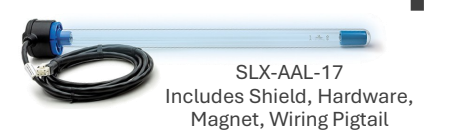
- Industry-Leading 200 Square Inch Layered PCO Catalyst Surface Area
- Bi-Polar Ionization: Built-In Plasma Ion Generator
- UVLampMonitor™ Microprocessor LED Control
- **Ozone Free: Conforms to UL 2998**

Quality	Capacity	Item #	Bulb Length	Power	Bulb Life	Warranty	Replacement Bulb
Premium	Up to 6 Tons	PTXGI-1224	10"	24v (Includes 40va Transformer)	18,000 Hours	10 Year (Unit) 1 Year (Bulb)	AS-IH-1013-1



#### Optional Secondary UV Light (built-in wiring connection)

Quality	Item #	Bulb Length	Replacement Bulb	Power	Bulb Life	Warranty
Remote UV Light	SLX-AAL-12	12"	AS-IH-1001	Pigtail to Power Supply	T3™ UV Lamps	10 Year (Unit)
	SLX-AAL-17	17"	AS-IH-1003		18,000 Hours	1 Year (Bulb)



# Activated Carbon PCO for Split Systems

**UVCatalyst** is a PCO air purifier featuring activated-carbon air contamination capture. The infused activated carbon with a patented PCO formulation captures and then destroys indoor air pollution. It is powered by a UV-C lamp that brings its own high level of air disinfection power.

- Unmatched PCO purification power: Three deepbed activated carbon block modules, each infused with UVCatalyst patented\* TiO<sub>2</sub> + silver and zinc formulation.
- Odor reduction: Cooking, pets, laundry, smog, bathrooms, trash, exercise rooms, and more.
- Breaks down potentially toxic VOCs. In addition, activated carbon is the most effective way to remove smoke odors.
- Expandable: Built-in connection for adding a second UV lamp at the HVAC coil
- Self-cleaning panels - never need replacing
- **Ozone Free: conforms to UL 2998.**

Quality	Capacity	Item #	Bulb Length	Power	Bulb Life	Warranty	Replacement Bulb
<b>Premium</b>	<b>Up to 6 Tons</b>	UVCAT-1224	12"	24v	T3™ UV Lamp 18,000 Hours	10 Year (Unit) 1 Year (Bulb)	AS-IH-1001

## Optional Secondary UV Light (built-in wiring connection)

Quality	Item #	Bulb Length	Replacement Bulb	Power	Bulb Life	Warranty
<b>Remote UV Light</b>	SLX-AAL-12	12"	AS-IH-1001	Pigtail to Power Supply	T3™ UV Lamps 18,000 Hours	10 Year (Unit) 1 Year (Bulb)
	SLX-AAL-17	17"	AS-IH-1003			

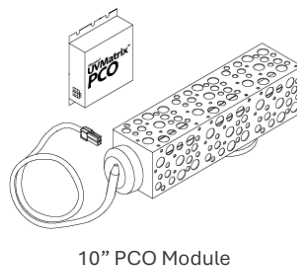
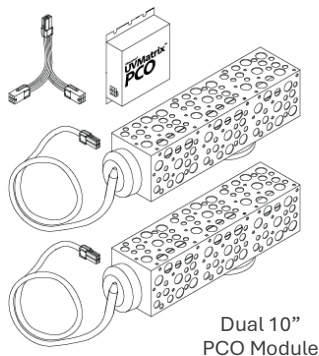


# PCO for Larger Systems

## Internally Magnet-Mounts for Easy Placement on Larger Air Handlers and Rooftop Units

- Easily magnet mounts in the blower/supply section of commercial RTUs and air handlers
- Employ multiple units on larger equipment to reach the desired tonnage / CFM
- Low-voltage and line voltage models available

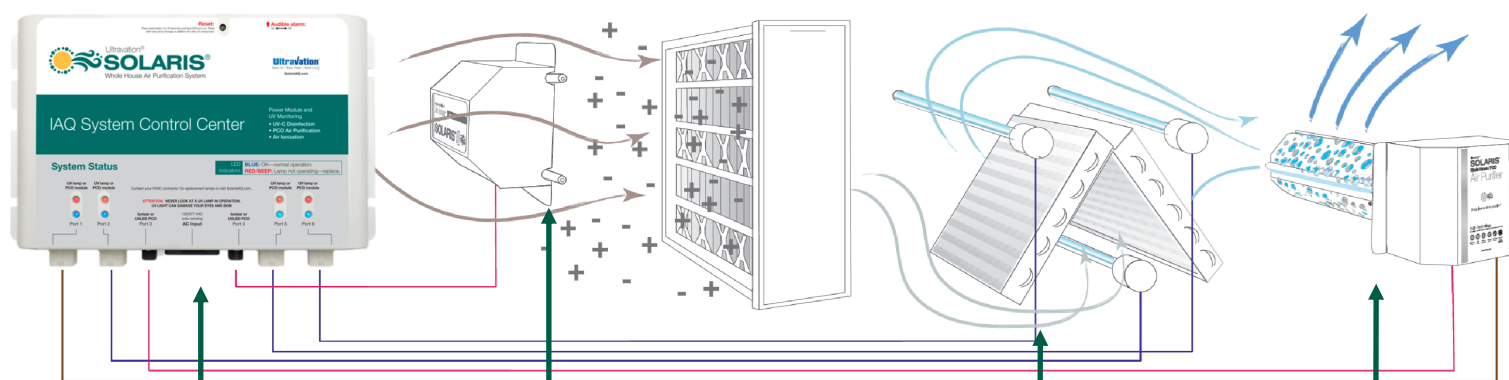
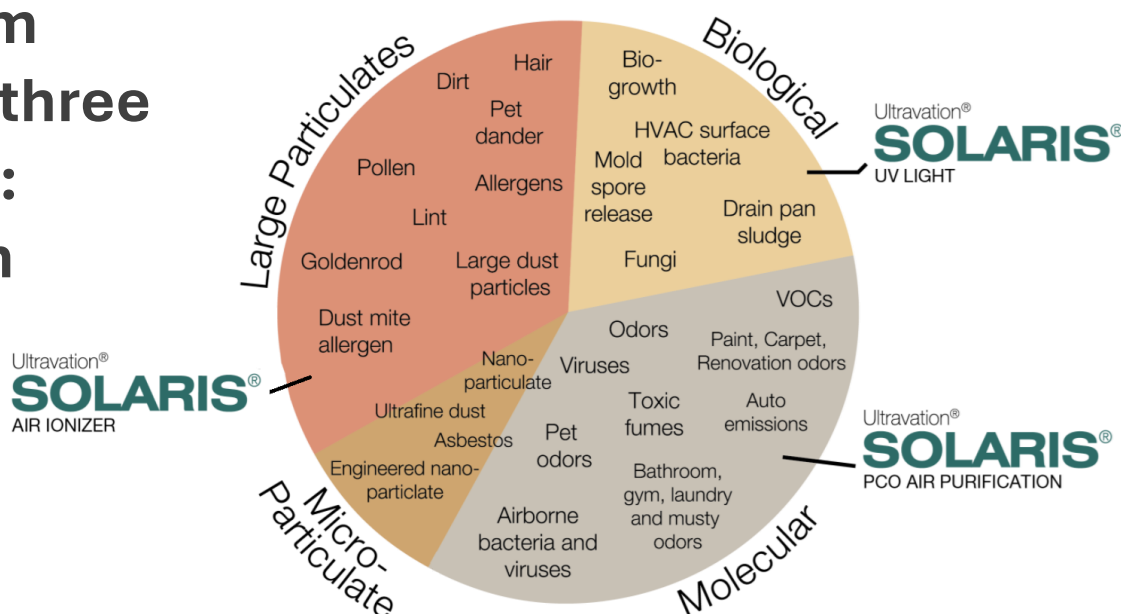
Capacity	Item #	Power	# of Modules	Module L x W x D	Bulb Length	Bulb Life	Warranty	Replacement Bulb
<b>Up to 3 Tons</b> (1,200 CFM)	UVMATRIX PCO-24-4	24v	1	8" x 2.7" x 2.7"	4"	T3™ UV Lamp 18,000 Hours	10 Year (Unit) 1 Year (Bulb)	AS-IH-1022
	UVMATRIX PCO-LV-4	120v - 277v Auto-Sensing						
<b>3.5 - 7.5 Tons</b> (1,400 - 3,000 CFM)	UVMATRIX PCO-24-10	24v	1	11" x 2.7" x 2.7"	10"	T3™ UV Lamp 18,000 Hours	10 Year (Unit) 1 Year (Bulb)	AS-IH-1013
	UVMATRIX PCO-LV-10	120v - 277v Auto-Sensing						
<b>8 - 20 Tons</b> (3,200 - 8,000 CFM)	UVMATRIX PCO-24-2-10	24v	2	(2) Modules @ 11" x 2.7" x 2.7"	(2) 10"	T3™ UV Lamp 18,000 Hours	10 Year (Unit) 1 Year (Bulb)	AS-IH-1013
	UVMATRIX PCO-LV-2-10	120v - 277v Auto-Sensing						



# The Solaris® System

Build a custom solution with three IAQ elements:

1. Ionization
2. PCO
3. UV



The **IAQ System Control Center** allows expandable flexibility with a single, efficient power source for all IAQ components. Each individual component connects to the control center for power and status monitoring.

- **Consistent Power:** No more transformers. It operates on a 110v plug, or auto senses up from 120v to 277v.
- **Command Central:** Includes visual and audible alarms that indicate UV lamp operational status and to remind when replacements are required.
- **Visibility & Serviceability:** Since all IAQ components are connected with remote power leads, the Control Center can be prominently mounted for ease of access.
- **Expandability:** Only installing one IAQ solution? Still use the Central Control. When it is time to add more devices, simply "plug and play."

The Solaris air-scrubbing **Air Ionizer** groups micro particulates for filter capture. Also disinfects filter fibers when installed adjacent to a filter.

Add multiple **Germicidal UV Lamps** to disinfect HVAC coil, drain pan and other surfaces. A clean coil maximizes cooling efficiency which saves energy. UV-C light also kills bacteria and viruses in the HVAC airstream.

Add **PCO Air Purifier(s)** to freshen the air by breaking down odors, VOCs, and toxic fumes while killing airborne bacteria and viruses.



# Solaris® System Components - Mix & Match

Private  
Label  
Program  
**PLP**



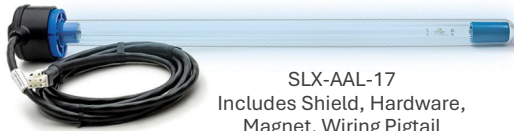
## Choose the Central Control

- Operates on a standard 110VAC outlet or auto-senses up to 277VAC
- Includes visual and audible alarms that indicate UV lamp operational status and to remind when replacements are required
- (4) 6-Pin plugs for connecting UV-C lights and PCO air purifiers
- (2) 24v ports for connecting Ionization or other devices
- Commercial version adds dry contacts for BAS notifications

Item #	H x W x D	Power (Auto Sensing)	# of Connections	Application	Features
SLX-POWERPRO-4LV	5.3" x 7.3"	110v Plug or	(4) 6-Pin	Residential	Performance Indicator & Audible Alarm
UVMATRIX-PP-4LV-BIC	x 1.6"	120v - 277v	& (2) 24v Plug	Commercial	Adds Dry Contacts for BAS notifications

## Add UV-C Lights

Ultraviolet's **T3™ UV-C lamp system** provides up to 40% higher intensity UV-C output without increased energy consumption. The patented T3™ UV lamp is encased in a UV-transparent quartz sleeve. This allows insulating gases to protect the UV lamp from the cold HVAC air.



SLX-AAL-17  
Includes Shield, Hardware,  
Magnet, Wiring Pigtail

Item #	Bulb Length	Replacement Bulb	Power	Bulb Life	Warranty
SLX-AAL-12	12"	AS-IH-1001	6-Pin Plug Into Solaris Central Control	T3™ UV Lamps 18,000 Hours	10 Year (Unit) 1 Year (Bulb)
SLX-AAL-17	17"	AS-IH-1003			

## Add PCO Air Purifiers

**Solaris SLX-AAL-PCO** has a dual-spectrum UV light with bi-polar ionization. It features an industry leading 200 sq. in. layered PCO catalyst surface area, with PCO adjustability for output strength.  
**Ozone-Free: conforms to UL 867.**

The **Solaris SLX-AAL-CAT** captures odors, VOCs and other air pollutants much like the catalytic converter in your car. The photocatalytic process breaks down the complex molecules of odors, VOCs and other toxic pollutants that can be harmful and can trigger respiratory irritation.  
**Ozone-Free: conforms to UL 2998.**



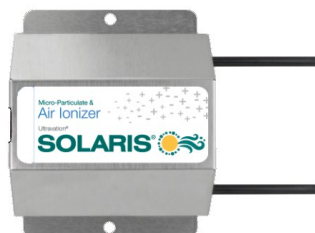
SLX-AAL-PCO



SLX-AAL-CAT

Type	Item #	Bulb Length	Bulb Life	Replacement Bulb	Power
<b>Active PCO</b>	SLX-AAL-PCO	10"	Dual Spectrum UV Lamp: 18,000 Hours	AS-IH-1013	6-Pin Plug Into Solaris Central Control
<b>Carbon PCO</b>	SLX-AAL-CAT	12"	T3™ UV Lamp 18,000 Hours	AS-IH-1001	

## Add Needle Point Bi-Polar Ionization



- External adapter plate insures perfect mounting to metal ductwork
- Emitters rotate 90° for mounting externally on ductwork
- Magnets allow for easy surface mounting inside of equipment

Item #	W x H x D	# of Pulse Emitters	Ion Output	Voltage	Mounting Hardware
SLX-PG5T	4" x 4" x 2.75"	2	320 Million Ions / CC	Plugs into the 24v Port on the Control Center	Mounting Tabs, Magnet Mount, & External Plate Included

# RGF REME®

## REME® for Residential Split Systems

**REME HALO®** combines UVC light with an advanced catalyst to create low concentrations of airborne hydrogen peroxide, along with bipolar ions that disperse throughout your air-conditioned space. A new Countdown Day Timer offers visual indication for when it's time to replace your REME® cell.

Capacity	Item #	Application	Dimensions	Power	Bulb Life	Warranty	Replacement Cell
<b>2 to 6 Tons</b> (800 - 2,400 CFM)	REME-H-T	Duct Penetration	11" Probe 7" Diameter Plate	24v (Includes 40va Transformer)	2 Years	5 Year (Unit) 1 Year (Bulb)	PHICRH



Item #	Description	Range in Inches of W.C.	Contact Type
RSS495011	Air Pressure Sensing Switch	0.25" to 1.0" w.c.	SPDT

Use an air pressure sensing switch to cycle the unit on and off with the blower.



Just like the REME-HALO®, the **HALO-LED®** disperses natural concentrations of gaseous hydrogen peroxide, reducing viruses, bacteria, mold spores and odors in minutes. With a new integrated airflow switch, HALO LED® saves energy by turning on and off as the air flows through the unit. This also makes the replaceable REME-LED® cell last 2.5 times longer than the REME HALO®.

The HALO LED® is verified zero ozone compliant and contains no mercury. A convenient Countdown Day Timer now offers visual indication for when it's time to replace your REME-LED® cell.

Capacity	Item #	Application	Dimensions	Power	Bulb Life	Warranty	Replacement Cell
<b>2 to 6 Tons</b> (800 - 2,400 CFM)	REME-LED	Duct Penetration	11" Probe 7" Diameter Plate	24v (Includes 40va Transformer)	4.5 Years	7 Year (Unit) 4 Year (Cell)	PHIC-REME-LED

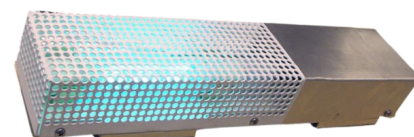


## REME® for Package Units & Commercial Split Systems

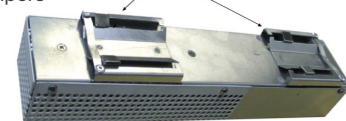
The **PHI-PKG®** package units are designed specifically for use in commercial applications. They utilize adjustable magnetic feet with vibration dampers to attach without fasteners to the HVAC blower unit, making installation fast and simple. PHI-PKG® package units are available with 5", 9", and 14" PHI-CELL® lamps.

- 2-Year Warranty
- Employ multiple units on larger equipment to reach the desired tonnage / CFM

Capacity	Item	Cell Size	Dimensions W x L x D	Voltage	Bulb Life	Replacement Cell	Mounting
<b>Up to 3.5 Tons</b> (375 - 1,200 CFM)	PHIPKG524	5"	2.25" x 10.5" x 1.75"	24v	2 Years	PHIC5PKG	Internal Magnet Mount
<b>3.5 to 7.5 Tons</b> (1,200 - 3,000 CFM)	PHIPKG924	9"	2.25" x 13.5" x 1.75"	24v	2 Years	PHIC9PKG	
<b>7.5 to 20.0 Tons</b> (3,000 - 8,000 CFM)	PHIPKG1424	14"	2.25" x 18.5" x 1.75"	24v	2 Years	PHIC14PKG	



Adjustable Magnetic Feet with Vibration Dampers



## HALO-ROVE® Commercial Wall-Mount Air Purification System

The **HALO-ROVE®** active air purification solution disperses airborne hydrogen peroxide throughout the space, reducing viruses, bacteria, mold spores and odors. This system can be wall mounted or used as a portable device with standard wall plug. Unlike passive air technologies, the HALO-ROVE® has an onboard fan that actively circulates the gaseous hydrogen peroxide throughout the space.

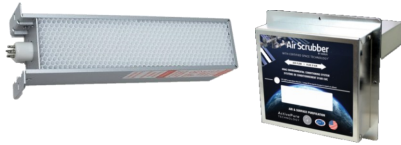
Capacity	Item	Dimensions H x D x W	Voltage	Bulb Life	Replacement Cell
<b>Up to 1,000 Sq. Ft.</b>	HROVE-12	6.25" x 6.25" x 18"	100-240 VAC	2 Years	PHIC-CAPS-CMTR



# Replacement UV Bulbs / Cells

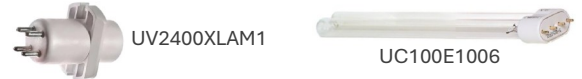
## Air Scrubber

Item #	Length	Fits Models	Connection
US71088	9"	9960052 (No Ozone)	T5 4-Pin



## Honeywell / Resideo

Item #	Length	Fits Models	Connection
UV2400XLAM1	16"	UV2400U1000 UV2400U5000	T5 4-Pin with Retaining Mount
UC100E1006	9"	UV100E1043	2G11 4-Pin Dual Bulb
UC100E1030	16"	UV100E2009 UV100E3007	



## Respicaire

OEM #	Length	Fits Models	Connection
6RBUV18W9L	9" Dual	9" OdorMiser DTX 6RDTXS18W9L	2G11 4-Pin Dual Bulb with Locking Tab Connector
6RBUVO10W7L	7" Dual	OXY-4 6RDPXO10W7L	
6RBUVO18W9L	9" Dual	OXY-4 6RDPXO18W9L	
6RBVO10W7L	7" Dual	OXY-4 6ROX4SO10W7L	2G11 4-Pin Dual Bulb
6RBVO18W9L	9" Dual	OXY-4 6ROX4SO18W9L	

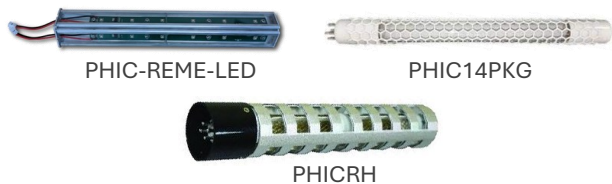


## Ultravation

Ultravation UV Bulbs			
Item #	Length	Fits Models	Connection
UVM07URL	Dual 7"	UVM-207	Wire Leads
AS-IH-1001	12"	UMX, UME. Add-A-Light, UVCAT	T5 4-Pin with Retaining Collar
AS-IH-1003	17"		
AS-IH-1005	22"	UVMatrix Commercial Series UV Systems	T5 4-Pin with Retaining Collar
AS-IH-0611	33"		
AS-IH-0612	48"		
AS-IH-0610	62"		

## RGF

Item #	Length	Fits Models	Connection
PHICRH	16"	REMEH	T5 4-Pin
PHIC-REME-LED	8.5"	REME-LED	Dual Wires
PHIC5PKG	5"	PHIPKG524	T5 4-Pin
PHIC9PKG	9"	PHIPKG924	
PHIC14PKG	14"	PHIPKG1424	



Ultravation PCO Bulbs			
Item #	Length	Fits Models	Connection
AS-IH-1013-1	10" Zero Ozone	PTXGI PCO Unit	T5 4-Pin with Retaining Collar
AS-IH-1013	10"	PTE and 10" UVMatrix PCO	
AS-IH-1022	4"	4" UVMatrix PCO Units	



## Don't see the bulb you need? We can still help.

1. Connection Type: T5, 2G11, or other?
2. Collars or Mounting Hardware on Bulb?
3. Bulb Length?
4. Manufacturer/Model Info on Lamp Bulb?
5. Manufacturer/Model Info from Unit?



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