

R8 SERIES

REUSABLE MERV 8 FILTER



LASTS AT LEAST 4X LONGER THAN A STANDARD CAPACITY DISPOSABLE MERV 8

Application: The R8 Series Reusable MERV 8 Filter is a washable pleated filter designed for use in Data Centers, Crypto Mining Facilities, as well as residential, commercial and industrial HVAC applications where MERV 8 efficiency is desired. The ability to wash and reuse this filter multiple times (4-6 cycles), extends its life cycle and makes the R8 a longer-lasting, economical replacement for standard capacity disposable MERV 8 filters. Popular applications include furnaces in homes, schools, offices, as well as commercial and government buildings. The R8 makes a great prefilter in multiple-stage, high-efficiency HVAC systems like Roof Top Units (RTUs) and Air Handling Units (AHUs).

Construction: The R8 Series uses a sturdy metal frame to enclose the media pack consisting of pleated polyester media between two expanded metal face grids for increased rigidity. The pack is then installed firmly inside the frame giving the R8 Series filter its exceptional strength and durability. The frame is made with mitered corners and is secured with pop-rivet(s). The frame has drain holes in three corners.

Filter Cleaning and Coating

1. To clean a dirty filter, rinse it with a moderate-to-heavy stream of warm water in the direction OPPOSITE airflow. High-powered steam cleaning or chemical dips are unnecessary and not recommended.

2. Let filter drain and dry out before re-installing into unit. It is best practice to purchase two filters per unit to maintain application efficiency during filter cleaning and changeout.

Due to continuing research and development, we reserve the right to make modifications to any product.

AVAILABLE IN THREE ALLOYS

R8A

Aluminium Frame

R8G

Galvanized Steel Frame

R8S

Stainless Steel Frame

PRODUCT HIGHLIGHTS

- Wash & Resuse MERV 8
- Low Airflow Resistance
- Maintains MERV 8 Post Multiple Washings
- Uses Mechanical Filtration & Depth Loading

FAST FACTS

Minimum Order:

No Minimum Order

Sizing Options:

Standard and Special Sizes Available
(See reverse side for details.)

Classification:

UL Classified 900

MAX TEMP:

R8A – 200 Degrees F

R8G – 200 Degrees F

R8S – 200 Degrees F

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REUSABLE MERV 8 FILTER



MODEL									
CONSTRUCTION	HIA			HIG			HIS		
Frame Alloy	.030" thick aluminum			24 gauge galvanized steel			24 gauge stainless steel		
Frame Thickness	Nominal* 1", 2" and 4"			Nominal* 1", 2" and 4"			Nominal* 1", 2" and 4"		
Air Entry/Exit Media Grids	XX gauge aluminum			XX gauge galvanized steel			XX gauge stainless steel		
Media	Polyester Blend Media with Tackifier			Polyester Blend Media with Tackifier			Polyester Blend Media with Tackifier		
APPLICATION									
Application	Any Environment Desiring MERV 8 Efficiency			Any Environment Desiring MERV 8 Efficiency			Any Environment Desiring MERV 8 Efficiency		
Max Operating Temperature	180°			180°			180°		
Washability	Frequent and moderate			Frequent and rigorous			Frequent and rigorous		
STANDARD SIZES									
Nominal** Dimensions (H x W x T)	Part Number	Carton Quantity	Carton Weight	Part Number	Carton Quantity	Carton Weight	Part Number	Carton Quantity	Carton Weight
12 x 24 x 1	R8A101224	12	18.0	R8G101224	12	25.0	R8S101224	12	37.0
16 x 20 x 1	R8A101620	12	20.0	R8G101620	12	29.0	R8S101620	12	39.0
16 x 25 x 1	R8A101625	12	24.0	R8G101625	12	34.0	R8S101625	12	46.0
20 x 20 x 1	R8A102020	12	24.0	R8G102020	12	34.0	R8S102020	12	46.0
20 x 25 x 1	R8A102025	12	29.0	R8G102025	12	41.0	R8S102025	12	55.0
24 x 24 x 1	R8A102424	12	33.0	R8G102424	12	44.0	R8S102424	12	62.0
12 x 24 x 2	R8A201224	12	25.0	R8G201224	12	38.0	R8S201224	12	53.0
16 x 20 x 2	R8A201620	6	14.0	R8G201620	6	18.0	R8S201620	6	29.0
16 x 25 x 2	R8A201625	6	17.0	R8G201625	6	22.0	R8S201625	6	35.0
20 x 20 x 2	R8A202020	6	17.0	R8G202020	6	22.0	R8S202020	6	35.0
20 x 25 x 2	R8A202025	6	21.0	R8G202025	6	27.0	R8S202025	6	41.0
24 x 24 x 2	R8A202424	6	23.0	R8G202424	6	30.0	R8S202424	6	46.0

SIZING INFORMATION

- * **Nominal Frame Thickness:** Nominal 1" (7/8" actual), nominal 2" (Actual 1-3/4") and nominal 4" (3-3/4").
 - ** **Nominal HxW Dimensions:** Standard size filters are of a nominal dimension. This means the height and width dimensions are undercut by a set amount.
1. **Standard** nominal filters are 1/2" undercut on the height and width dimensions.
 2. **Special** size filters are made to the exact height and width dimensions stated on the purchase order. Please confirm prior to order.
 4. Tolerance height and width: ± 1/8"
 5. The nominal 1" (actual 7/8") filter is 3-ply.
 6. The nominal 2" (actual 1-3/4") filter is 3-ply.
 7. The nominal 4" (actual 3-3/4") filter is 3-ply

CLASSIFICATION & TEST NOTES

1. UL Classified 900
2. Rated Airflow: 295 fpm
3. Recommended Airflow Range: 250 – 350 fpm.
4. Dust Holding Capacity:
 - a. 1" thick: XX grams per square foot*
 - b. 2" thick: XX grams per square foot*
 - c. 4" thick: XX grams per square foot *
6. Recommended final resistance is 1.00" W.G.

*Independent test report will be available soon to confirm details

INSTALLATION CONSIDERATIONS

1. The R8 Series filter must be installed in HVAC systems with pleats running vertically.