

## DESCRIPTION

A multiple-pleat pre-filter ideal for removing larger particulate matter and prolonging life of higher efficiency and carbon filters. Acts as a barrier to contain large quantities of debris. Debris collects within the pleats and is reinforced with a wire mesh grid. Can also be used as an after filter following a chemical filter module to reduce dusting.

## SPECIFICATIONS

Approx Size: 12" x 15" x 2"  
 Frame: Cardboard disposable filter  
 Material: Pleated polyester wire reinforced  
 Efficiency: MERV 10



## MERV RATING CHART

Rating	Dust Spot Efficiency	Arrestance	Typical Controlled Contaminant	Typical Applications and Limitations	Typical Air Filter/Cleaner Type
20	N/A	N/A	< 0.30 pm Particle Size	Cleanrooms	>99.999% efficient @ .10-.20 pm
19	N/A	N/A	Virus (unattached)	Radioactive Materials	>99.999% efficient @ .30 pm
18	N/A	N/A	Carbon Dust	Pharmaceutical Materials	>99.99% efficient @ .30 pm
17	N/A	N/A	All Combustion smoke	Carcinogenic Materials	>99.97% efficient @ .30 pm
16	N/A	N/A	.30-1.0 pm Particle Size	General Surgery	<b>Bag Filter:</b> Nonsupported microfibrer glass or synthetic media, 12-36 in. deep, 6-12 pockets
15	>95%	N/A	All Bacteria	Hospital Inpatient Care	<b>Box Filter:</b> Rigid style cartridge filters 6 to 12" deep; may use lofted or paper media
14	90-95%	98%	Most Tobacco Smoke	Smoking Lunges	
13	89-90%	98%	Proplet Nuceli (Sneeze)	Superior Commercial Buildings	
12	70-75%	95%	1.0-3.0 pm Particle Size, Legionella	Superior Residential Buildings	<b>Bag Filter:</b> Nonsupported microfibrer glass or synthetic media, 12-36 in. deep 12 pockets
11	60-65%	95%	Humidifier Dust, Lead Dust	Better Commercial Buildings	<b>Box Filter:</b> Rigid style cartridge filters 6 to 12" deep; may use lofted or paper media
10	50-55%	95%	Milled Flour Auto Emissions	Hospital Laboratories	
9	40-45%	90%	Welding Fumes	Hospital Laboratories	
8	30-35%	90%	3.0-10.0 pm Particle Size	Commercial Buildings	<b>Pleated Filters:</b> Disposable, extended surface area, thick with cotton-polyester blend media, cardboard frame
7	25-30%	90%	Mold Spores, Hair Spray	Better Residential Buildings	<b>Cartridge Filters:</b> Graded density viscous coated cube or pocket filters, synthetic media
6	<20%	85-90%	Fabric Protector, Dusting Aids	Industrial Workplace	<b>Throwaway:</b> Disposable synthetic panel filter
5	<20%	80-85%	Cement Dust, Pudding Mix	Paint Booth Inlet	
4	<20%	75-80%	>10.0 pm Particle Size, Pollen	Minimal Filtration	<b>Throwaway:</b> Disposable fiberglass or synthetic panel filter
3	<20%	70-75%	Dust Mites, Sanding Dust	Residential	<b>Washable:</b> Aluminum Mesh
2	<20%	65-70%	Spray Paint Dust	Window A/C Units	<b>Electrostatic:</b> Self charging woven panel filter
1	<20%	<65%	Textile Fibers, Carpet Fibers	Window A/C Units	

All specifications, options, and information are subject to change without notice