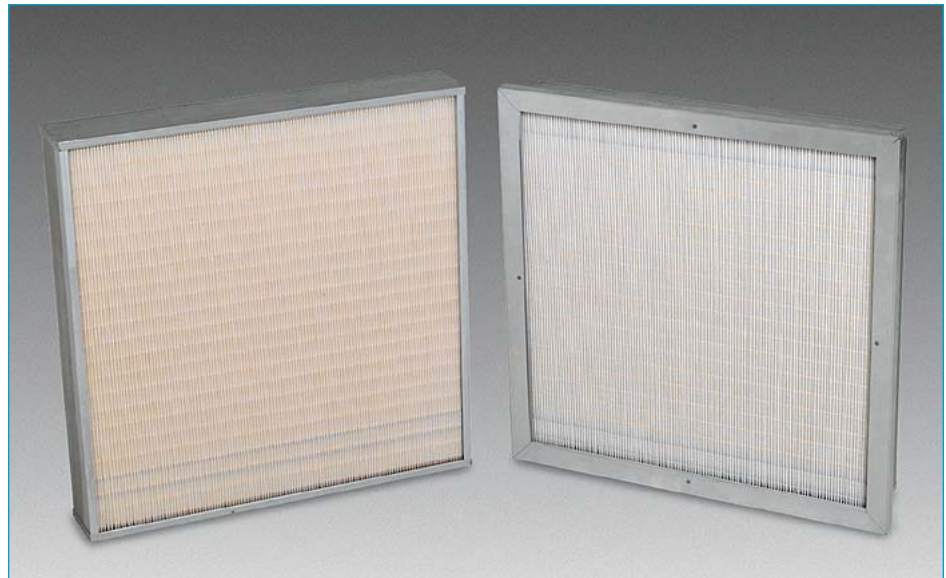


FILTRATION GROUP

SL SERIES MINIPLEAT FILTER



- Upgrade filtration efficiency without costly hardware modification
- High efficiency filtration in 4" space-saving design
- Galvanized steel frame eliminates collapse and mold growth
- Replaces traditional bag and box style filters



DESCRIPTION

The Aerostar SL utilizes a robust, corrosion and mold resistant galvanized steel frame together with our proven thread separator technology. The SL meets your high efficiency filter needs while providing exceptional filter integrity and consistent performance—even under the most adverse operating conditions.

BENEFITS

The Aerostar SL is a cost effective solution to IAQ problems allowing filter efficiency upgrades without costly modification to existing HVAC hardware.

The compact 4" design requires less handling, shipping, storage and disposal. The SL virtually eliminates frame and media collapse under adverse conditions such as high humidity, high temperature, fan shutdown, variable air volume

and turbulent air flow situations. And, our minipleat technology improves filtration efficiency without an increase in energy consumption.

APPLICATIONS

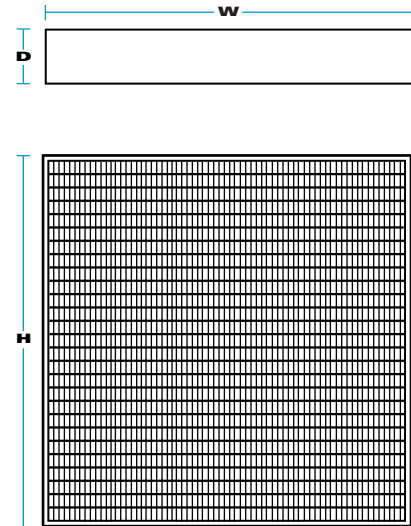
Replace low efficiency filters in any application—especially in tough operating environments. Use in health care, commercial building, educational, industrial and commercial applications to replace bulky bag and box style filters. The Aerostar SL—available in ASHRAE 65%, 85% and 95% efficiencies—can also be used as a pre-filter for high efficiency applications or a final filter in HVAC systems.

Commonly used in portable air cleaning equipment and larger air handling units to reduce space requirements without sacrificing clean air.



DIMENSIONS AND PERFORMANCE DATA

90-95% EFFICIENCY							
PART NUMBER	SIZE	ACTUAL FILTER DIMENSIONS (H x W x D)	INITIAL PRESSURE DROP w.g. @ fpm			MEDIA AREA (sq. ft.)	
			375	500	625		
40179	12 X 24 X 4	11 3/8 X 23 3/8 X 3 3/4	.45	.68	.94	63	
40191	16 X 20 X 4	15 3/8 X 19 3/8 X 3 3/4	.45	.68	.94	72	
40197	16 X 25 X 4	15 3/8 X 24 3/8 X 3 3/4	.45	.68	.94	89	
40185	18 X 24 X 4	17 3/8 X 23 3/8 X 3 3/4	.45	.68	.94	97	
40182	20 X 20 X 4	19 3/8 X 19 3/8 X 3 3/4	.45	.68	.94	90	
40188	20 X 24 X 4	19 3/8 X 23 3/8 X 3 3/4	.45	.68	.94	108	
40194	20 X 25 X 4	19 3/8 X 24 3/8 X 3 3/4	.45	.68	.94	112	
40200	24 X 24 X 4	23 3/8 X 23 3/8 X 3 3/4	.45	.68	.94	131	
80-85% EFFICIENCY							
PART NUMBER	SIZE	ACTUAL FILTER DIMENSIONS (H x W x D)	INITIAL PRESSURE DROP w.g. @ fpm			MEDIA AREA (sq. ft.)	
			375	500	625		
40178	12 X 24 X 4	11 3/8 X 23 3/8 X 3 3/4	.39	.62	.82	63	
40190	16 X 20 X 4	15 3/8 X 19 3/8 X 3 3/4	.39	.62	.82	72	
40196	16 X 25 X 4	15 3/8 X 24 3/8 X 3 3/4	.39	.62	.82	89	
40184	18 X 24 X 4	17 3/8 X 23 3/8 X 3 3/4	.39	.62	.82	97	
40181	20 X 20 X 4	19 3/8 X 19 3/8 X 3 3/4	.39	.62	.82	90	
40187	20 X 24 X 4	19 3/8 X 23 3/8 X 3 3/4	.39	.62	.82	108	
40193	20 X 25 X 4	19 3/8 X 24 3/8 X 3 3/4	.39	.62	.82	112	
40199	24 X 24 X 4	23 3/8 X 23 3/8 X 3 3/4	.39	.62	.82	131	
60-65% EFFICIENCY							
PART NUMBER	SIZE	ACTUAL FILTER DIMENSIONS (H x W x D)	INITIAL PRESSURE DROP w.g. @ fpm			MEDIA AREA (sq. ft.)	
			375	500	625		
40177	12 X 24 X 4	11 3/8 X 23 3/8 X 3 3/4	.28	.43	.61	63	
40189	16 X 20 X 4	15 3/8 X 19 3/8 X 3 3/4	.28	.43	.61	72	
40195	16 X 25 X 4	15 3/8 X 24 3/8 X 3 3/4	.28	.43	.61	89	
40183	18 X 24 X 4	17 3/8 X 23 3/8 X 3 3/4	.28	.43	.61	97	
40180	20 X 20 X 4	19 3/8 X 19 3/8 X 3 3/4	.28	.43	.61	90	
40186	20 X 24 X 4	19 3/8 X 23 3/8 X 3 3/4	.28	.43	.61	108	
40192	20 X 25 X 4	19 3/8 X 24 3/8 X 3 3/4	.28	.43	.61	112	
40198	24 X 24 X 4	23 3/8 X 23 3/8 X 3 3/4	.28	.43	.61	131	



ASHRAE test reports available upon request.

APPLICATION PARAMETERS

Maximum Constant Temperature: 200° F (93° C)
 Recommended Final Pressure Drop: 1.5" w.g.
 Flammability: UL 900 Class 2; CA State Fire Marshall Listed (*Class 1 - optional*)
 Relative Humidity: 100%

MATERIALS

Frame: 24 ga. galvanized steel
 Media: Wet laid microglass
 Separators: Continuous strand thread
 Pack Adhesive: Polyurethane

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FILTRATION GROUP

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