

FILTRATION GROUP

MICRATEX MINI-PLEAT FILTER



- Achieves up to a MERV 14 (per ASHRAE Standard 52.2)
- Upgrade filtration efficiency without costly hardware modification
- High efficiency filtration in 2" or 4" space-saving design
- Compact design requires less handling, storage and shipping costs
- Rugged, durable design



DESCRIPTION

The Aerostar Micratex mini-pleat filter utilizes a durable moisture resistant frame, combined with our proven separator technology, provides consistent and cost-effective IAQ level filtration with standard 2" or 4" filter tracks. These filters are available in most popular ASHRAE efficiencies and sizes. The Aerostar Micratex can be installed using industry standard filter holding frames and clips.

BENEFITS

The Micratex filter provides a cost effective solution to costly IAQ problems without modifications to existing HVAC hardware. The compact design provides less handling, shipping, storage and disposal costs. The narrow profile and lightweight design of the mini-pleat filter make it an excellent choice for difficult HVAC installations.

APPLICATIONS

Replacing low efficiency filters with the Aerostar Micratex extended surface mini-pleat filters will dramatically improve indoor air quality and reduce dust accumulation on work surfaces. Use as a pre-filter in a high efficiency application or as a final filter for standard HVAC applications. An excellent choice for new construction startups because it ensures cleaner IAQ prior to occupancy.

The Micratex filter provides excellent filtration and is easily installed into a variety of HVAC applications such as hospitals, office buildings, universities and industrial plants.

Use in OEM applications for portable air cleaning equipment and in new air handling units to reduce space requirements without sacrificing clean air.



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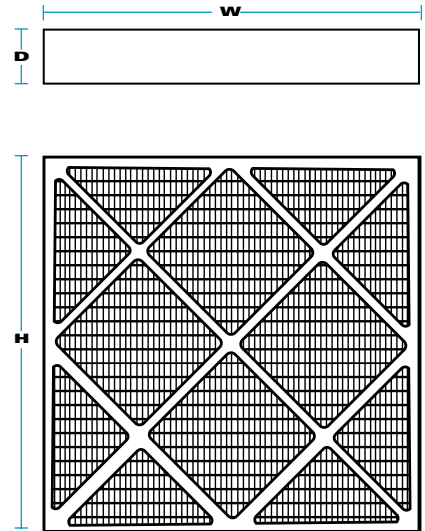
MICRATEX MINI-PLEAT FILTER

MICRATEX SERIES DIMENSIONS AND PERFORMANCE DATA

90-95% EFFICIENCY							
PART NUMBER*	NOMINAL SIZE	ACTUAL SIZE (H x W x D)	INITIAL PRESSURE DROP "w.g. @ fpm			MEDIA AREA (sq. ft.)	
			375	500	625		
19429	16 x 20 x 4	15 3/8 x 19 3/8 x 3 3/4	.50	.75	1.00	76	
19430	16 x 25 x 4	15 3/8 x 24 3/8 x 3 3/4	.50	.75	1.00	94	
19432	20 x 20 x 4	19 3/8 x 19 3/8 x 3 3/4	.50	.75	1.00	94	
19434	20 x 25 x 4	19 3/8 x 24 3/8 x 3 3/4	.50	.75	1.00	118	
19435	24 x 24 x 4	23 3/8 x 23 3/8 x 3 3/4	.50	.75	1.00	136	
21073	16 x 20 x 2	15 1/2 x 19 1/2 x 1 3/4	.80	1.10	N/A	37	
21074	16 x 25 x 2	15 1/2 x 24 1/2 x 1 3/4	.80	1.10	N/A	45	
21076	20 x 20 x 2	19 1/2 x 19 1/2 x 1 3/4	.80	1.10	N/A	45	
21078	20 x 25 x 2	19 1/2 x 24 3/8 x 1 3/4	.80	1.10	N/A	57	
21079	24 x 24 x 2	23 3/8 x 23 3/8 x 1 3/4	.80	1.10	N/A	65	
80-85% EFFICIENCY							
PART NUMBER*	NOMINAL SIZE	ACTUAL SIZE (H x W x D)	INITIAL PRESSURE DROP "w.g. @ fpm			MEDIA AREA (sq. ft.)	
			375	500	625		
19421	16 x 20 x 4	15 3/8 x 19 3/8 x 3 3/4	.45	.65	.95	76	
19422	16 x 25 x 4	15 3/8 x 24 3/8 x 3 3/4	.45	.65	.95	94	
19424	20 x 20 x 4	19 3/8 x 19 3/8 x 3 3/4	.45	.65	.95	94	
19426	20 x 25 x 4	19 3/8 x 24 3/8 x 3 3/4	.45	.65	.95	118	
19427	24 x 24 x 4	23 3/8 x 23 3/8 x 3 3/4	.45	.65	.95	136	
21065	16 x 20 x 2	15 1/2 x 19 1/2 x 1 3/4	.55	.85	1.05	37	
21066	16 x 25 x 2	15 1/2 x 24 1/2 x 1 3/4	.55	.85	1.05	45	
21068	20 x 20 x 2	19 1/2 x 19 1/2 x 1 3/4	.55	.85	1.05	45	
21070	20 x 25 x 2	19 1/2 x 24 3/8 x 1 3/4	.55	.85	1.05	57	
21071	24 x 24 x 2	23 3/8 x 23 3/8 x 1 3/4	.55	.85	1.05	65	
60-65% EFFICIENCY							
PART NUMBER*	NOMINAL SIZE	ACTUAL SIZE (H x W x D)	INITIAL PRESSURE DROP "w.g. @ fpm			MEDIA AREA (sq. ft.)	
			375	500	625		
19413	16 x 20 x 4	15 3/8 x 19 3/8 x 3 3/4	.25	.40	.55	76	
19414	16 x 25 x 4	15 3/8 x 24 3/8 x 3 3/4	.25	.40	.55	94	
19416	20 x 20 x 4	19 3/8 x 19 3/8 x 3 3/4	.25	.40	.55	94	
19418	20 x 25 x 4	19 3/8 x 24 3/8 x 3 3/4	.25	.40	.55	118	
19419	24 x 24 x 4	23 3/8 x 23 3/8 x 3 3/4	.25	.40	.55	136	
21057	16 x 20 x 2	15 1/2 x 19 1/2 x 1 3/4	.25	.40	.60	37	
21058	16 x 25 x 2	15 1/2 x 24 1/2 x 1 3/4	.25	.40	.60	45	
21060	20 x 20 x 2	19 1/2 x 19 1/2 x 1 3/4	.25	.40	.60	45	
21062	20 x 25 x 2	19 1/2 x 24 3/8 x 1 3/4	.25	.40	.60	57	
21063	24 x 24 x 2	23 3/8 x 23 3/8 x 1 3/4	.25	.40	.60	65	

ASHRAE test reports available upon request.

* Contact Customer Service for additional sizes and information.



APPLICATION PARAMETERS

Maximum Constant Temperature:
150° F

Recommended Final Pressure Drop:

4" – 1.5" w.g.

2" – 1.25" w.g.

Flammability:

UL900 Class 2

Relative Humidity:

100%

MATERIALS

Frame:

Moisture resistant

Media:

Wet laid microglass

Separators:

Intermittent thermoplastic beads

DISTRIBUTED BY

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