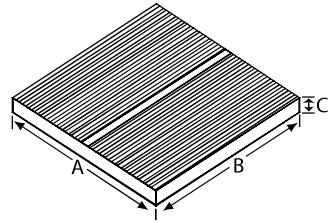


Filter Measurements



Product No.	Stock No.	Nominal Dimensions Inches (mm)	Width "A" Inches (mm)	Height "B" Inches (mm)	Depth "C" Inches (mm)
E358	70-0712-4567-7	10 x 10 x 2 (254 x 254 x 51)	9 3/8 (238)	9 3/8 (238)	1 7/8 (48)
E360	70-0712-4569-3	12 x 20 x 2 (305 x 508 x 51)	11 3/8 (289)	19 3/8 (492)	1 7/8 (48)
E361	70-0712-4570-1	12 x 24 x 2 (305 x 610 x 51)	11 3/8 (289)	23 3/8 (594)	1 7/8 (48)
E363	70-0712-4572-7	14 x 25 x 2 (356 x 635 x 51)	13 3/8 (340)	24 3/8 (619)	1 7/8 (48)
E364	70-0712-4573-5	15 x 20 x 2 (381 x 508 x 51)	14 3/8 (365)	19 3/8 (492)	1 7/8 (48)
E365	70-0712-4574-3	16 x 16 x 2 (406 x 406 x 51)	15 3/8 (391)	15 3/8 (391)	1 7/8 (48)
E366	70-0712-4575-0	16 x 20 x 2 (406 x 508 x 51)	15 3/8 (391)	19 3/8 (492)	1 7/8 (48)
E367	70-0712-4576-8	16 x 24 x 2 (406 x 610 x 51)	15 3/8 (391)	23 3/8 (594)	1 7/8 (48)
E368	70-0712-4577-6	16 x 25 x 2 (406 x 635 x 51)	15 3/8 (391)	24 3/8 (619)	1 7/8 (48)
E369	70-0712-4578-4	18 x 20 x 2 (457 x 508 x 51)	17 3/8 (441)	19 3/8 (492)	1 7/8 (48)
E370	70-0712-4579-2	18 x 24 x 2 (457 x 610 x 51)	17 3/8 (441)	23 3/8 (594)	1 7/8 (48)
E371	70-0712-4580-0	18 x 25 x 2 (457 x 634 x 51)	19 3/8 (492)	24 3/8 (619)	1 7/8 (48)
E372	70-0712-4581-8	20 x 20 x 2 (508 x 508 x 51)	19 3/8 (492)	19 3/8 (492)	1 7/8 (48)
E373	70-0712-4582-6	20 x 24 x 2 (508 x 610 x 51)	19 3/8 (492)	23 3/8 (594)	1 7/8 (48)
E374	70-0712-4583-4	20 x 25 x 2 (508 x 635 x 51)	19 3/8 (492)	24 3/8 (619)	1 7/8 (48)
E375	70-0712-4584-2	20 x 30 x 2 (508 x 762 x 51)	19 3/8 (492)	29 3/8 (746)	1 7/8 (48)
E376	70-0712-4585-9	24 x 24 x 2 (610 x 610 x 51)	23 3/8 (594)	23 3/8 (594)	1 7/8 (48)
E377	70-0712-4586-7	25 x 25 x 2 (635 x 635 x 51)	24 3/8 (619)	24 3/8 (619)	1 7/8 (48)

Additional Information

For questions or to place an order in the U.S., contact your local 3M™ distributor or 3M Customer Service at 1-800-648-3550 or 651-789-7381.

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Your Local Distributor:

3M

3M Purification Inc.
400 Research Parkway
Meriden, CT 06450
U.S.A.
(800) 648-3550
(651) 789-7381
www.3mpurification.com/airfilters

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REV 1214

3M™ Commercial HVAC Mini-Pleat Filter no Gasket, MERV A12



Typical Applications

3M™ Commercial HVAC Filter MERV A12 Mini-Pleat no Gasket Filters are a better choice for your:

- Commercial and office buildings
- Educational institutions
- Government facilities
- Hotels and entertainment complexes



100% Synthetic media-filters are very durable:

- Less chance of filter damage during handling and installation
- Resistant to moisture and common chemicals
- Resistant to fiber shedding



Lightweight, rigid frame

3M™ Commercial HVAC Mini-Pleat Filter No Gasket, MERV A12, products combine excellent filtration performance with low airflow resistance and long filter life in a cost effective construction. Their balance of properties may offer building owners and managers time and money savings.

Increased air flow or lower fan energy consumption compared to equivalent filter design and efficiency of competitors

The low pressure drop feature of 3M Commercial HVAC Mini-Pleat Filter, no Gasket MERV A12 filters may help reduce fan energy consumption, particularly when combined with a regular program of HVAC system cleaning, maintenance and monitoring. These filters may also reduce preventative maintenance by keeping air handling units cleaner.

- Electrostatically charged and open construction media, combined with the filter construction, contribute to low pressure drop across the filter
- High particle capture efficiency may help to lower coil airflow resistance by reducing fouling

Highly durable, 100% synthetic media and frame construction

3M Commercial HVAC Mini-Pleat Filter no Gasket MERV A12 products are made using proprietary materials, designed specifically for commercial applications. Their lightweight, resilient frame and media construction is resistant to moisture and common chemicals.

- Low chance of filter damage during handling and installation
- Resistant to fiber shedding

Long filter life

The media and construction of Commercial HVAC Mini-Pleat Filter no Gasket, MERV A12 contribute to long filter life

- Media loads through the depth of the filter, contributing to long filter life
- Mini-pleat construction provides high surface area, contributing to long filter life
- UL 900 Class 1 flammability rating (U.S.), UL 900 Class 2 flammability rating (Canada)

Small package size

- Easy to handle
- Low disposal volume¹
- Less storage space compared to deep pleat and box filters
- Low shipping cost

Demonstrated filtration efficiency

3M Commercial HVAC Mini-Pleat Filter no Gasket MERV A12 products have been tested by independent laboratories in accordance with ASHRAE 52.2-2007 standards.

¹ Disposal of used filters must comply with applicable federal, state and local laws and regulations

3M

Technical Data

Physical Characteristics

- 2" mini-pleat design
- 100% synthetic media — resists moisture and common chemicals
- 100% synthetic frame — lightweight, resists moisture
- High durability — no special handling required
- Continuous pleat spacing glue bead
- Electrostatically charged media

Performance Notes

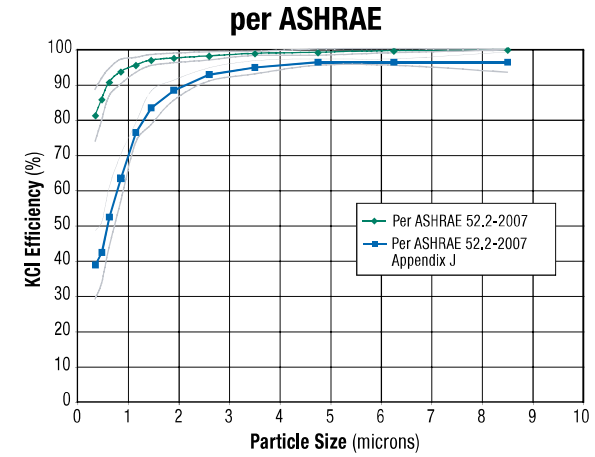
- Typical initial resistance: 0.37 inches of water @ 492 fpm
- UL 900 Class 1 flammability rating (U.S.)
- UL 900 Class 2 flammability rating (Canada)
- Operating temperature range 122°F, -22°F

Performance Data

3M™ Commercial HVAC Mini-Pleat Filter no Gasket, MERV A12

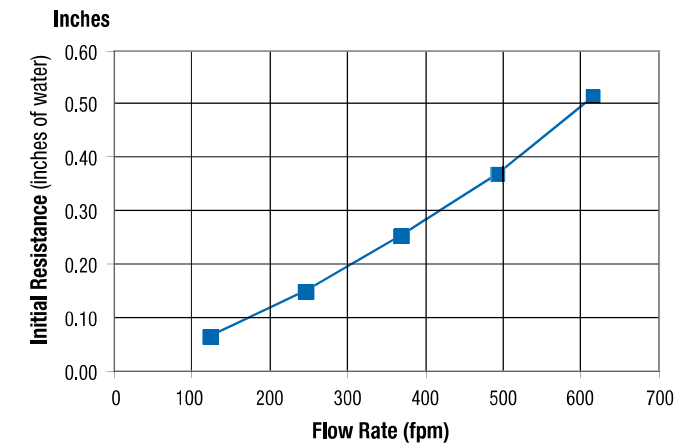
Air Velocity for ASHRAE Testing	492 fpm (1968 cfm for 24" x 24" filter)
Initial Resistance	0.37 inches of water
Recommended Final Resistance	1.4 inches of water
Efficiency Rating per ASHRAE 52.2-2007	MERV-14
Efficiency Rating per ASHRAE-2007 Appendix J	MERV-A12
Dust Holding Capacity at 1.4 Inches of Water	93 ± 21 g

Filter Efficiency vs. Particle Size at 492 fpm



Particle Size Range	Average Particle Efficiency (492 fpm)	
	Minimum Efficiency per ASHRAE 52.2-2007	Minimum Efficiency per ASHRAE 52.2-2007 Appendix J
0.3 - 1.0 μm	88 ± 5%	49 ± 8%
1.0 - 3.0 μm	96 ± 1%	86 ± 4%
3.0 - 10 μm	99 ± 0.5%	96 ± 3%

Initial Resistance vs. Air Velocity



Resistance vs. Dust Loading @ 492 fpm

