

FILTRATION GROUP

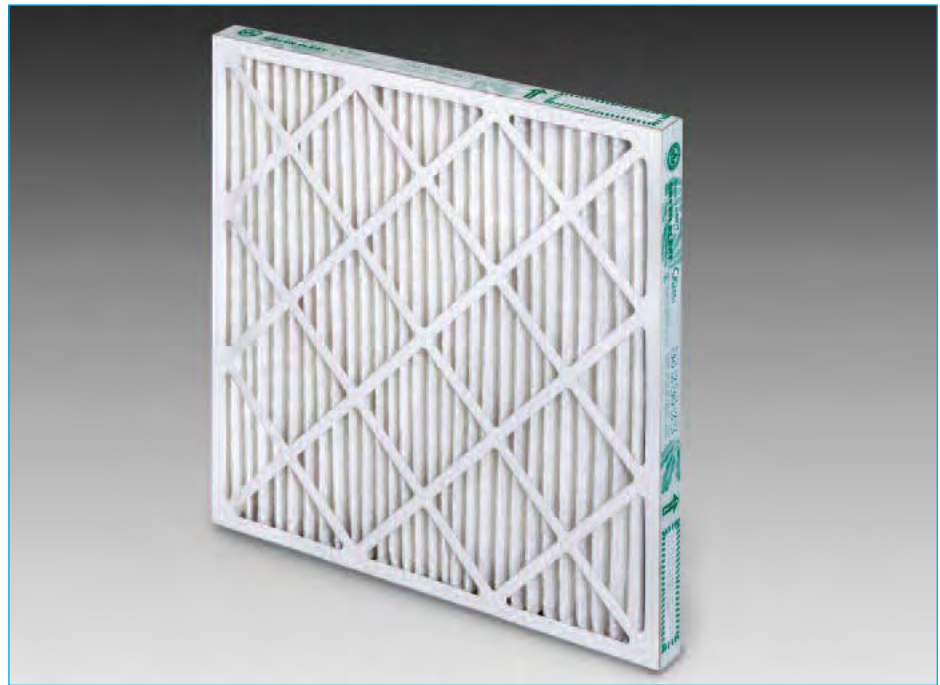
MERV 13 GREEN PLEAT



- MERV 13 efficiency to meet LEED Green Building Rating System Criteria
- Green Pleat provides points toward LEED certification
- Eliminates need to retrofit to achieve high MERV efficiency
- Low resistance to air flow reduces energy costs



- Sustainable component for a LEED/Green Building initiative
- Exceeds LEED/Green requirement of MERV 13



DESCRIPTION

The AeroStar® MERV 13 Green Pleat is specifically designed to meet the air filtration efficiency criteria required to gain points toward certification in the Leadership in Energy and Environmental Design (LEEDs) Green Building rating system. Most air filters reaching MERV 13 high efficiency levels require greater depth and retrofitting expense to be installed. The Green Pleat delivers high efficiency in a compact 2" depth design allowing immediate installation with absolutely no modification to existing equipment. Simply replace the existing lower efficiency pleat or disposable air filter with the Green Pleat upgrade the system to the LEEDs required MERV 13 level.

The AeroStar MERV 13 Green Pleat is constructed with an advanced synthetic air media that utilizes both charged fibers and traditional mechanical filtration principles. The charged fibers allow the Green Pleat to achieve MERV 13 levels upon installation and immediately grab and trap airborne contaminants. The resulting dust cake then

enhances the mechanical principles of the filter allowing for high levels of filtration during the entire life-cycle.

BENEFITS

- Quick and easy installation requires no retrofitting to existing equipment.
- Compact design allows minimum restriction to air flow while providing exceptionally high MERV 13 efficiency.
- Quick and efficient way to achieve points toward LEEDs certification.
- Keep coils, diffusers, ductwork much cleaner while removing pollens and allergens from the occupied space.

APPLICATIONS

The MERV 13 Green Pleat was designed to meet air filtration efficiency standards set forth in the LEED Programs for Existing Buildings and New Construction, as well as an effective IAQ tool for LEED in Schools.

The MERV 13 Green Pleat can also be used in industrial, commercial, hospital, and universities, or wherever higher efficiency air filtration is desired to remove pollens and allergens.

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MERV 13 GREEN PLEAT

DIMENSIONS AND PERFORMANCE DATA

24 x 24 x 2	375 FPM	500 FPM	MERV
Green Pleat	0.24	0.38	13

APPLICATION PARAMETERS

Recommended Temperature: 150° F
 Recommended Final Resistance: 1.0" w.g.
 Flammability: UL Class 2
 Frame: 100% Recycled Paperboard

CFM CAPABILITIES

SIZE	PART NO.	MEDIUM	HIGH
10 x 20 x 2	21515	525	700
12 x 24 x 2	21516	750	1000
14 x 20 x 2	21517	725	975
14 x 25 x 2	21518	900	1200
16 x 20 x 2	21519	825	1100
16 x 24 x 2	21520	1000	1325
16 x 25 x 2	21521	1050	1400
18 x 24 x 2	21522	1125	1500
18 x 25 x 2	21523	1175	1500
20 x 20 x 2	21524	1050	1400
20 x 24 x 2	21525	1250	1650
20 x 25 x 2	21526	1300	1700
24 x 24 x 2	21527	1600	2000
25 x 25 x 2	21528	1625	2150

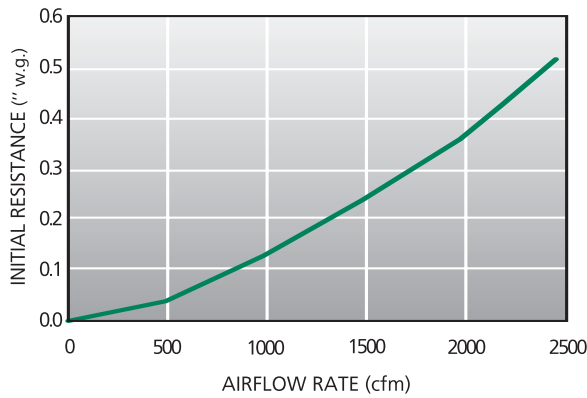
Green Pleat is LEED compliant for efficiency and utilizes a 100% recycled paperboard frame.

MERV 13 rated in a compact design that installs into existing units with no retrofitting required.

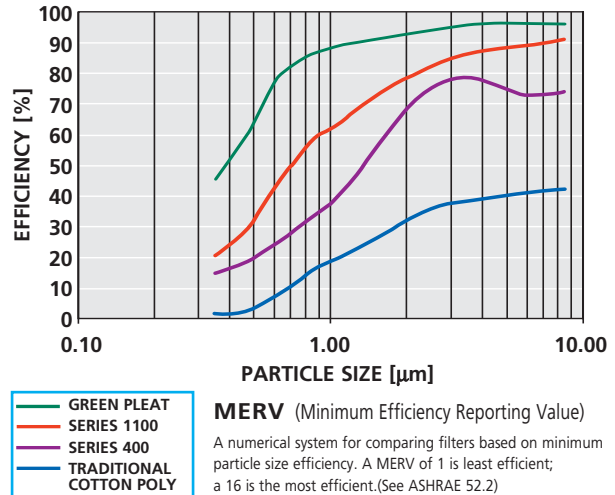
Industrial grade frame and advanced synthetic media assure filter performance during the entire life-cycle.



INITIAL RESISTANCE



EFFICIENCY ACCORDING TO ASHRAE 52.2



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