

Puro-green

GREEN AIR QUALITY



Purolator



Puro-green

Extended Surface Pleated Filters

NEW
MERV 13
Pleated Filter



MERV 13 Efficiency Performance for LEED

- Maintains MERV 13 Performance in a full ASHRAE 52.2-2007 independent test as required by LEED
- Meets LEED Green Building criteria for minimum efficiency
- Provides points toward LEED certification
- Achieves efficiency standards outlined in the LEED programs for Existing Buildings and New Construction



The Leadership in Energy and Environmental Design (LEED) Green Building Rating System is the nationally accepted benchmark for design, construction and operation of high-performance green buildings. LEED promotes a whole-building approach of sustainability by recognizing performance in five key areas of human and environmental health: sustainable site development, water savings, energy efficiency, materials selection, and indoor environmental quality.

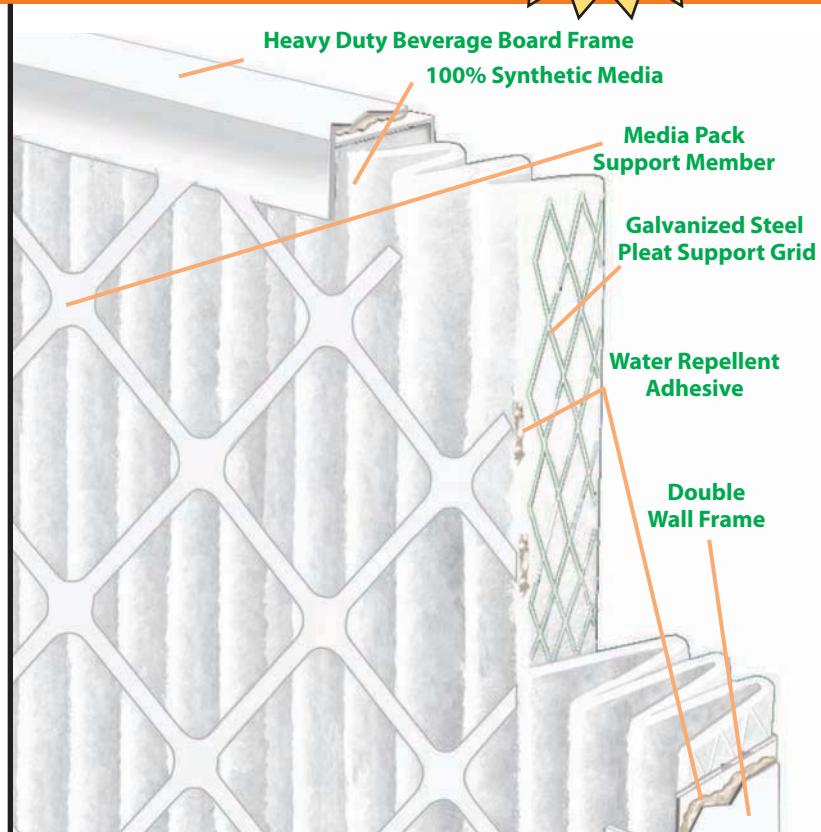
Source: U.S. Green Building Council, www.usgbc.org

Definition of Sustainability (US E.P.A. sustainability website): The ability to achieve *continuing economic prosperity* while *protecting the natural systems of the planet* and *providing a high quality of life* for its people.



Puro-g13een

Extended Surface Pleated Filters



Easy to Install with Low Initial Resistance

The two-inch depth of the **Puro-g13een** makes installation easy and user friendly. There is no need to retrofit existing air handlers or equipment to accommodate the **Puro-g13een**. The low initial resistance also helps to promote low energy consumption. The **Puro-g13een** can be used in almost any building where better indoor air quality is desired such as existing commercial properties, universities, school systems and government institutions.

Construction Features and Benefits

Heavy Duty Beverage Board Frame - Moisture resistant, sturdy frame material stands up to rough handling, difficult service conditions, long service life. The new die cut pattern increases contact points between the beverage board and die cut by 50%.

Two Piece Frame Construction - Double wall thickness around the outer edge and integral die cut cross members provide strength and rigidity. **Puro-g13een** filters will not rack, warp or bend under normal handling or operating conditions.

Water Repellent Adhesive—Adheres Even When Wet

The adhesive used to bond the frame and media pack into a unitized assembly is highly water repellent. The pleats hold together even when wet. No delaminating, no excessive buckling, no collapsing.

Galvanized Steel Pleat Support - Prevents Rust

How many pleats have you seen with rust flaking off the grid? The Purolator expanded metal pleat support grid is made of galvanized steel for maximum rust resistance. The metal grid maintains pleat shape and prevents fluttering in operation. Consistent pleat shape minimizes resistance and improves dirt loading characteristics throughout the life of the filter.

Consistently Produced

Uniform Pleat Shape - Holds More Dirt

Consistent pleat shape produces optimum performance. Sophisticated production control techniques assure consistent pleat count, pleat height, pleat shape and spacing.

100% Adhesive Application - Assures Filter Integrity

The inside of the die cut frame is completely coated with adhesive to assure a solid bond at all points of contact. The die cut boxes are bonded to each other. The media pack is sealed inside the frame and the pleat tips are bonded to the diagonal support members.

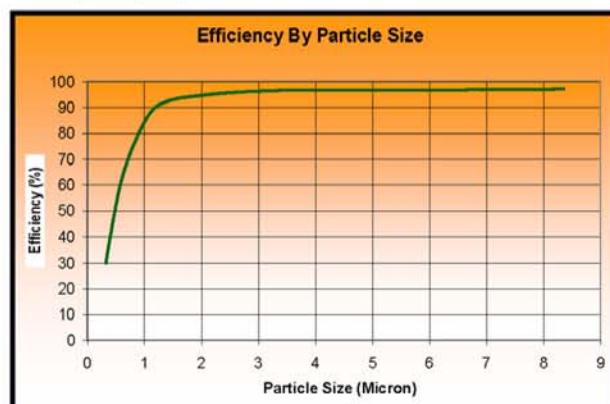
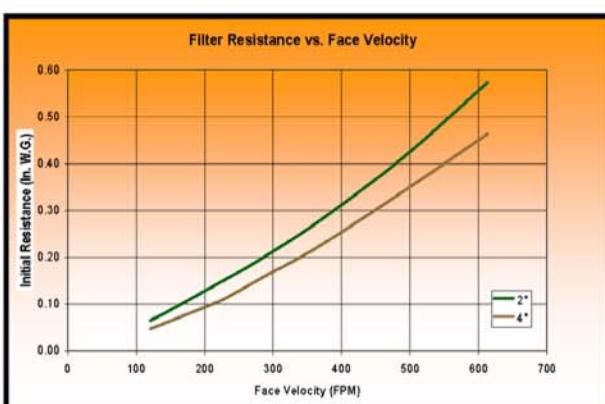
Puro-green

Extended Surface Pleated Filters

PURO-green13 Model Number	Nominal ⁽¹⁾ Size WxHxD	Actual Size WxHxD	Rated Capacity (CFM)	Resist. in W.G.	Total Media area/filter	PURO-green13 Model Number	Nominal ⁽¹⁾ Size WxHxD	Actual Size WxHxD	Rated Capacity (CFM)	Resist. in W.G.	Total Media area/filter
PR13-STD1 10x10x1	10 X 10 X 1	9 1/2 X 9 1/2 X 3/4	210	0.41	1.9	PR13-STD2 10x20x2	10 X 20 X 2	9 1/2 X 19 1/2 X 13/4	700	0.41	7.2
PR13-STD1 10x15x1	10 X 15 X 1	9 3/4 X 14 3/4 X 3/4	310	0.41	3.1	PR13-STD2 12x20x2	12 X 20 X 2	11 1/2 X 19 1/2 X 13/4	840	0.41	8.8
PR13-STD1 10x20x1	10 X 20 X 1	9 1/2 X 19 1/2 X 3/4	415	0.41	3.1	PR13-STD2 12x24x2	12 X 24 X 2	11 3/8 X 23 3/8 X 13/4	1000	0.41	10.5
PR13-STD1 10x24x1	10 X 24 X 1	9 3/8 X 23 3/8 X 3/4	500	0.41	3.7	PR13-STD2 14x20x2	14 X 20 X 2	13 1/2 X 19 1/2 X 13/4	980	0.41	10.4
PR13-STD1 12x12x1	12 X 12 X 1	11 3/4 X 11 3/4 X 3/4	300	0.41	3.8	PR13-STD2 14x25x2	14 X 25 X 2	13 1/2 X 24 1/2 X 13/4	1220	0.41	13.0
PR13-STD1 12x16x1	12 X 16 X 1	11 1/2 X 15 3/4 X 3/4	400	0.41	3.8	PR13-STD2 15x20x2	15 X 20 X 2	14 1/2 X 19 1/2 X 13/4	1050	0.41	20.0
PR13-STD1 12x20x1	12 X 20 X 1	11 1/2 X 19 1/2 X 3/4	500	0.41	3.8	PR13-STD2 16x20x2	16 X 20 X 2	15 1/2 X 19 1/2 X 13/4	1120	0.41	10.9
PR13-STD1 12x24x1	12 X 24 X 1	11 3/8 X 23 3/8 X 3/4	600	0.41	4.6	PR13-STD2 16x24x2	16 X 24 X 2	15 3/8 X 19 3/8 X 13/4	1340	0.41	13.7
PR13-STD1 14x14x1	14 X 14 X 1	13 3/4 X 13 3/4 X 3/4	410	0.41	4.5	PR13-STD2 16x25x2	16 X 25 X 2	15 1/2 X 24 1/2 X 13/4	1400	0.41	14.9
PR13-STD1 14x20x1	14 X 20 X 1	13 1/2 X 19 1/2 X 3/4	585	0.41	4.5	PR13-STD2 18x20x2	18 X 20 X 2	17 1/2 X 19 1/2 X 13/4	1250	0.41	13.0
PR13-STD1 14x24x1	14 X 24 X 1	13 3/8 X 23 3/8 X 3/4	700	0.41	5.4	PR13-STD2 18x24x2	18 X 24 X 2	17 3/8 X 23 3/8 X 13/4	1500	0.41	15.5
PR13-STD1 14x25x1	14 X 25 X 1	13 1/2 X 24 1/2 X 3/4	730	0.41	5.7	PR13-STD2 18x25x2	18 X 25 X 2	17 1/2 X 24 1/2 X 13/4	1570	0.41	16.2
PR13-STD1 14x30x1	14 X 30 X 1	13 3/4 X 29 3/4 X 3/4	875	0.41	10.1	PR13-STD2 20x20x2	20 X 20 X 2	19 1/2 X 19 1/2 X 13/4	1400	0.41	14.5
PR13-STD1 15x20x1	15 X 20 X 1	14 1/2 X 19 1/2 X 3/4	625	0.41	5.0	PR13-STD2 20x24x2	20 X 24 X 2	19 3/8 X 23 3/8 X 13/4	1670	0.41	17.4
PR13-STD1 15x30x1	15 X 30 X 1	14 3/4 X 29 3/4 X 3/4	935	0.41	10.1	PR13-STD2 20x25x2	20 X 25 X 2	19 1/2 X 24 1/2 X 13/4	1750	0.41	18.2
PR13-STD1 16x16x1	16 X 16 X 1	15 1/2 X 15 1/2 X 3/4	530	0.41	5.3	PR13-STD2 20x30x2	20 X 30 X 2*	19 1/2 X 29 1/2 X 13/4	2080	0.41	22.3
PR13-STD1 16x20x1	16 X 20 X 1	15 1/2 X 19 1/2 X 3/4	665	0.41	5.3	PR13-STD2 24x24x2	24 X 24 X 2	23 3/8 X 23 3/8 X 13/4	2000	0.41	21.1
PR13-STD1 16x24x1	16 X 24 X 1	15 3/8 X 23 3/8 X 3/4	800	0.41	6.3	PR13-STD2 25x25x2	25 X 25 X 2	24 1/2 X 24 1/2 X 13/4	2170	0.41	23.4
PR13-STD1 16x25x1	16 X 25 X 1	15 1/2 X 24 1/2 X 3/4	835	0.41	6.6						
PR13-STD1 16x30x1	16 X 30 X 1	15 3/4 X 29 3/4 X 3/4	1000	0.41	10.1						
PR13-STD1 18x18x1	18 X 18 X 1	17 3/4 X 17 3/4 X 3/4	675	0.41	6.0						
PR13-STD1 18x20x1	18 X 20 X 1	17 3/8 X 19 1/2 X 3/4	750	0.41	6.0						
PR13-STD1 18x22x1	18 X 22 X 1	17 3/8 X 21 1/2 X 3/4	825	0.41	7.2						
PR13-STD1 18x24x1	18 X 24 X 1	17 3/8 X 23 3/8 X 3/4	900	0.41	7.2						
PR13-STD1 18x25x1	18 X 25 X 1	17 1/2 X 24 1/2 X 3/4	935	0.41	7.5						
PR13-STD1 20x20x1	20 X 20 X 1	19 1/2 X 19 1/2 X 3/4	830	0.41	6.7						
PR13-STD1 20x22x1	20 X 22 X 1	19 3/4 X 21 3/4 X 3/4	915	0.41	8.0						
PR13-STD1 20x24x1	20 X 24 X 1	19 3/8 X 23 3/8 X 3/4	1000	0.41	8.0						
PR13-STD1 20x25x1	20 X 25 X 1	19 1/2 X 24 1/2 X 3/4	1040	0.41	8.4						
PR13-STD1 22x22x1	22 X 22 X 1	21 3/4 X 21 3/4 X 3/4	1250	0.41	8.9						
PR13-STD1 30x20x1	30 X 20 X 1	29 1/2 X 19 1/2 X 3/4	1005	0.41	10.1						
PR13-STD1 24x24x1	24 X 24 X 1	23 3/8 X 23 3/8 X 3/4	1200	0.41	9.5						
PR13-STD1 24x30x1	24 X 30 X 1	23 3/4 X 29 3/4 X 3/4	1500	0.41	12.0						
PR13-STD1 25x25x1	25 X 25 X 1	24 1/2 X 24 1/2 X 3/4	1300	0.41	10.5						

* = REVERSE PLEAT CONSTRUCTION

1. **Puro-green** filters have a MERV 13 Performance. All performance data is based on the 52.2-2007 Test Standards. Test data based on 24x24x2 Nominal Size at 492 FPM face velocity.
2. Filters may be installed with the pleats either vertical (preferred) or horizontal.
3. **Puro-green** filters are classified U.L. Class 2 per U.L. Standard 900.
4. Maximum operating temperature 200°F.



Distributed by:

Norspec Filtration Ltd. has a policy of continuous product research and development and reserves the right to change design and specifications without notice.

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