



Purolator™

Puro-green®

MERV 13 Extended Surface Pleated Filters



- *Durable, moisture-resistant 100% synthetic media*
- *Low pressure drop and high dust loading*
- *Quality engineered for consistent production*
- *Qualifies for LEED certification points*
- *Proudly made in the U.S.A.*

Puro-green®

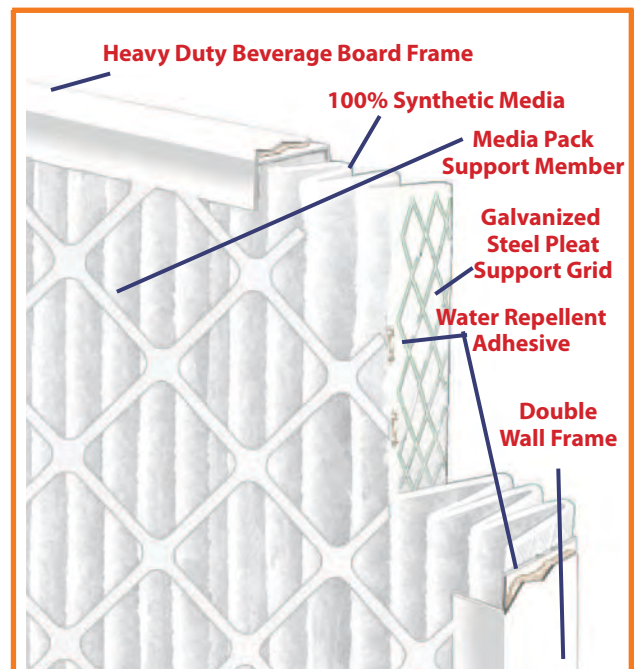
Extended Surface Pleated Filters

Media

- 100% synthetic media resists moisture, mold, and damage
- Maintains MERV 13 performance in a full ASHRAE 52.2-2012 independent test
- Meets minimum efficiency criteria required by Leadership in Energy and Environmental Design (LEED)¹

Construction:

- Heavy duty, moisture-resistant beverage board frame
- Two-piece die-cut frame bonded to each other provide double-wall thickness around outer edge
- Die cut pattern provides 50% more contact points between media pack and frame
- Integral die-cut cross members provide strength and rigidity
- Water repellent adhesive used to bond frame with media pack
- Rust-resistant, expanded metal support grid made of galvanized steel
- 100% water repellent, high-strength adhesive coats entire interior of frame
- Media pack sealed inside frame and pleat tips bonded to diagonal support members



Pleat Consistency:

Consistent pleat shape produces optimum performance by providing lower resistance, full depth dust loading, and longer service life in the field. Purolator uses sophisticated production control techniques to ensure consistent pleat count, height, shape, and spacing for the Puro-green 13 filter.

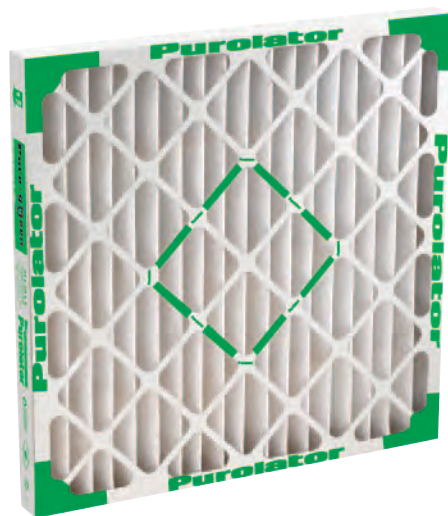
Durability:

The Puro-green 13's heavy duty beverage board frame is made using moisture-resistant, sturdy frame material that stands up to rough handling and difficult service conditions. As such, expect a long service life in the field. Because of moisture-resistant media and construction, the pleats hold together even when wet, preventing delaminating, excessive buckling, collapsing, racking, warping, and bending. Additionally, the double-walled thickness around the outer edge and rust-resistant galvanized steel frame help maintain pleat shape and prevent fluttering during operation.

¹The 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. (U.S. Green Building Council, www.usgbc.org)

Value-Added Summary

- Provides points toward LEED certification¹
- May qualify as a sustainable component for a LEED/Green Building Initiative
- Synthetic media does not support microbial growth
- 2" depth with MERV 13 efficiency makes installation easy and user-friendly – no need to retrofit existing equipment
- Low initial resistance promotes low energy consumption
- Consistent pleat shape maximizes overall performance and service life of the filter



Applications

The Puro-green 13 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. It can be used a pre-filter or final filter without the need to retrofit systems for a high-efficiency rigid filter.



Puro-green[®]

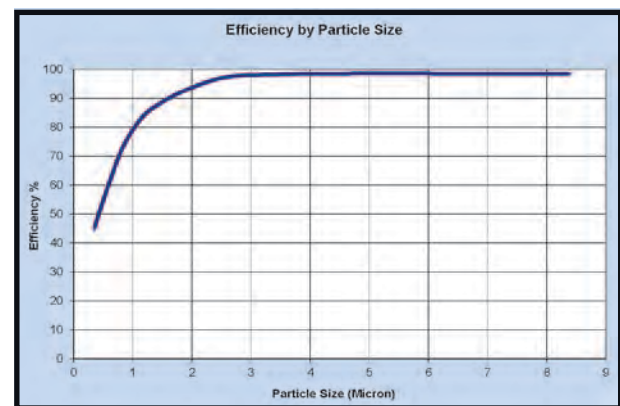
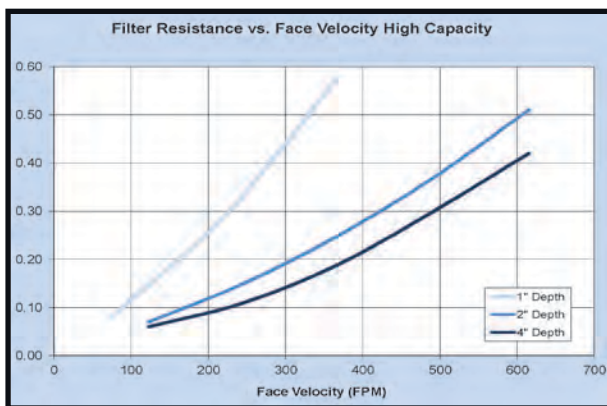


Extended Surface Pleated Filters

PURO-green13 Model Number	Nominal ⁽²⁾ 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	0.43	1.6	PR13-STD2 10 X 20 X 2	10 X 20 X 2	9 1/2 X 19 1/2 X 1 3/4	700	0.37	6.2
PR13-STD1 10x20x1	10 X 20 X 1	9 1/2 X 19 1/2 X 3/4	415	0.43	2.6	PR13-STD2 12 X 20 X 2	12 X 20 X 2	11 1/2 X 19 1/2 X 1 3/4	840	0.37	7.2
PR13-STD1 10x24x1	10 X 24 X 1	9 3/8 X 23 3/8 X 3/4	500	0.43	3.1	PR13-STD2 12 X 24 X 2	12 X 24 X 2	11 3/8 X 23 3/8 X 1 3/4	1000	0.37	8.6
PR13-STD1 12x12x1	12 X 12 X 1	11 3/4 X 11 3/4 X 3/4	300	0.43	1.9	PR13-STD2 14 X 20 X 2	14 X 20 X 2	13 1/2 X 19 1/2 X 1 3/4	980	0.37	8.8
PR13-STD1 12x16x1	12 X 16 X 1	11 1/2 X 15 3/4 X 3/4	400	0.43	2.5	PR13-STD2 14 X 25 X 2	14 X 25 X 2	13 1/2 X 24 1/2 X 1 3/4	1220	0.37	11.0
PR13-STD1 12x20x1	12 X 20 X 1	11 1/2 X 19 1/2 X 3/4	500	0.43	3.1	PR13-STD2 15 X 20 X 2	15 X 20 X 2	14 1/2 X 19 1/2 X 1 3/4	1050	0.37	9.3
PR13-STD1 12x24x1	12 X 24 X 1	11 3/8 X 23 3/8 X 3/4	600	0.43	3.7	PR13-STD2 16 X 20 X 2	16 X 20 X 2	15 1/2 X 19 1/2 X 1 3/4	1120	0.37	9.8
PR13-STD1 14x14x1	14 X 14 X 1	13 3/4 X 13 3/4 X 3/4	410	0.43	2.7	PR13-STD2 16 X 24 X 2	16 X 24 X 2	15 3/8 X 19 3/8 X 1 3/4	1340	0.37	11.7
PR13-STD1 14x20x1	14 X 20 X 1	13 1/2 X 19 1/2 X 3/4	585	0.43	3.8	PR13-STD2 16 X 25 X 2	16 X 25 X 2	15 1/2 X 24 1/2 X 1 3/4	1400	0.37	11.7
PR13-STD1 14x24x1	14 X 24 X 1	13 3/8 X 23 3/8 X 3/4	700	0.43	4.6	PR13-STD2 18 X 20 X 2	18 X 20 X 2	17 1/2 X 19 1/2 X 1 3/4	1250	0.37	11.3
PR13-STD1 14x25x1	14 X 25 X 1	13 1/2 X 24 1/2 X 3/4	730	0.43	4.8	PR13-STD2 18 X 24 X 2	18 X 24 X 2	17 3/8 X 23 3/8 X 1 3/4	1500	0.37	13.6
PR13-STD1 14x30x1	14 X 30 X 1 *	13 3/4 X 29 3/4 X 3/4	875	0.43	5.7	PR13-STD2 18 X 25 X 2	18 X 25 X 2	17 1/2 X 24 1/2 X 1 3/4	1570	0.37	14.2
PR13-STD1 15x20x1	15 X 20 X 1	14 1/2 X 19 1/2 X 3/4	625	0.43	4.0	PR13-STD2 20 X 20 X 2	20 X 20 X 2	19 1/2 X 19 1/2 X 1 3/4	1400	0.37	12.4
PR13-STD1 15x30x1	15 X 30 X 1 *	14 3/4 X 29 3/4 X 3/4	935	0.43	6.1	PR13-STD2 20 X 24 X 2	20 X 24 X 2	19 3/8 X 23 3/8 X 1 3/4	1670	0.37	14.8
PR13-STD1 16x16x1	16 X 16 X 1	15 1/2 X 15 1/2 X 3/4	530	0.43	4.0	PR13-STD2 20 X 25 X 2	20 X 25 X 2	19 1/2 X 24 1/2 X 1 3/4	1750	0.37	15.5
PR13-STD1 16x20x1	16 X 20 X 1	15 1/2 X 19 1/2 X 3/4	665	0.43	4.3	PR13-STD2 20 X 30 X 2 *	20 X 30 X 2 *	19 1/2 X 29 1/2 X 1 3/4	2080	0.37	18.6
PR13-STD1 16x24x1	16 X 24 X 1	15 3/8 X 23 3/8 X 3/4	800	0.43	5.1	PR13-STD2 24 X 24 X 2	24 X 24 X 2	23 3/8 X 23 3/8 X 1 3/4	2000	0.37	17.9
PR13-STD1 16x25x1	16 X 25 X 1	15 1/2 X 24 1/2 X 3/4	835	0.43	5.3	PR13-STD2 25 X 25 X 2	25 X 25 X 2	24 1/2 X 24 1/2 X 1 3/4	2170	0.37	20.0
PR13-STD1 16x30x1	16 X 30 X 1	15 3/4 X 29 3/4 X 3/4	1000	0.43	6.5						
PR13-STD1 18x18x1	18 X 18 X 1	17 3/4 X 17 3/4 X 3/4	675	0.43	4.3	PR13-STD4 12 X 24 X 4	12 X 24 X 4	11 3/8 X 23 3/8 X 3 3/4	1000	0.30	12.4
PR13-STD1 18x20x1	18 X 20 X 1	17 3/8 X 19 1/2 X 3/4	750	0.43	4.8	PR13-STD4 16 X 20 X 4	16 X 20 X 4	15 1/2 X 19 1/2 X 3 3/4	1120	0.30	14.6
PR13-STD1 18x22x1	18 X 22 X 1	17 3/8 X 21 1/2 X 3/4	825	0.43	5.7	PR13-STD4 16 X 25 X 4	16 X 25 X 4	15 1/2 X 24 1/2 X 3 3/4	1400	0.30	18.3
PR13-STD1 18x24x1	18 X 24 X 1	17 3/8 X 23 3/8 X 3/4	900	0.43	5.7	PR13-STD4 18 X 24 X 4	18 X 24 X 4	17 3/8 X 23 3/8 X 3 3/4	1500	0.30	19.9
PR13-STD1 18x25x1	18 X 25 X 1	17 1/2 X 24 1/2 X 3/4	935	0.43	6.0	PR13-STD4 20 X 20 X 4	20 X 20 X 4	19 1/2 X 19 1/2 X 3 3/4	1400	0.30	18.8
PR13-STD1 20x20x1	20 X 20 X 1	19 1/2 X 19 1/2 X 3/4	830	0.43	5.5	PR13-STD4 20 X 24 X 4	20 X 24 X 4	19 3/8 X 23 3/8 X 3 3/4	1670	0.30	22.4
PR13-STD1 20x22x1	20 X 22 X 1	19 3/4 X 21 3/4 X 3/4	915	0.43	6.6	PR13-STD4 20 X 25 X 4	20 X 25 X 4	19 1/2 X 24 1/2 X 3 3/4	1750	0.30	23.5
PR13-STD1 20x24x1	20 X 24 X 1	19 3/8 X 23 3/8 X 3/4	1000	0.43	6.6	PR13-STD4 24 X 24 X 4	24 X 24 X 4	23 3/8 X 23 3/8 X 3 3/4	2000	0.30	27.4
PR13-STD1 20x25x1	20 X 25 X 1	19 1/2 X 24 1/2 X 3/4	1040	0.43	6.9						
PR13-STD1 30x25x1	20 X 30 X 1 *	19 1/2 X 29 1/2 X 3/4	1250	0.43	7.7						
PR13-STD1 22x22x1	22 X 22 X 1	21 3/4 X 21 3/4 X 3/4	1250	0.43	8.1						
PR13-STD1 24x24x1	24 X 24 X 1	23 3/8 X 23 3/8 X 3/4	1200	0.43	7.7						
PR13-STD1 24x30x1	24 X 30 X 1 *	23 3/4 X 29 3/4 X 3/4	1500	0.43	9.7						
PR13-STD1 25x25x1	25 X 25 X 1	24 1/2 X 24 1/2 X 3/4	1300	0.43	8.7						

* Reverse Pleat

1. Puro-green 13 filters have a MERV 13 performance. All performance data is based on the 52.2-2012 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 13 filters are classified per UL Standard 900 for flammability.
4. Maximum operating temperature 200°F.
5. Recommended final resistance: 1.0" W.G.



P-PUROGREEN-0915



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