

# AIRGUARD<sup>®</sup>

## DP-green<sup>®</sup>

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.



ENGINEERING YOUR SUCCESS.

# DP-green®

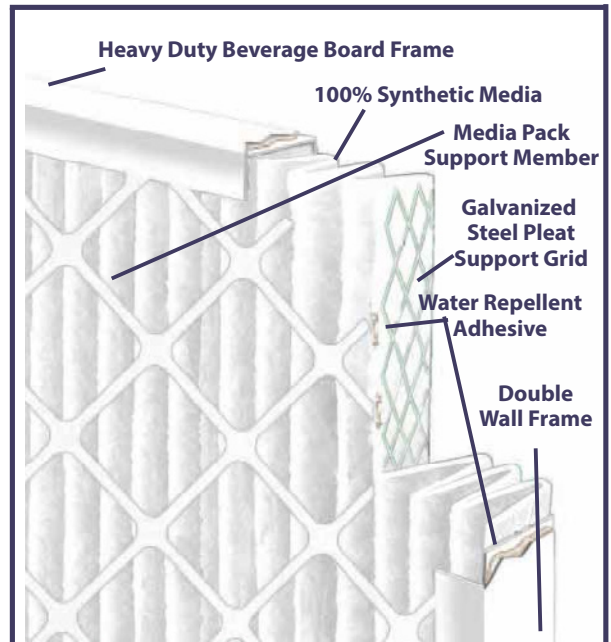
## Extended Surface Pleated Filters

### 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)<sup>1</sup>

### 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. Airguard uses sophisticated production control techniques to ensure consistent pleat count, height, shape, and spacing for the DP-green 13 filter.

### Durability:

The DP-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.

<sup>1</sup>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. (U.S. Green Building Council, [www.usgbc.org](http://www.usgbc.org))

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### Value-Added Summary

- Provides points toward LEED certification<sup>1</sup>
- 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

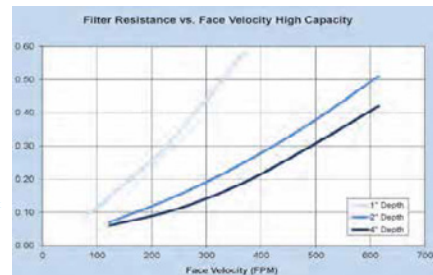
The DP-green 13 can be used in almost any building where better indoor air quality is desired such as existing commercial properties, universities, school systems and government institutions. It can be used a pre-filter or final filter without the need to retrofit systems for a high-efficiency rigid filter.



# DP-green®

## Extended Surface Pleated Filters

DP-Green 13 Model Number	Nominal Size (2) W x H x D	Actual Size W x H x D	Air Flow Capacity (CFM)	Initial Resistance 1" @ 300 FPM 2", 4" @ 500 FPM	Gross Media Area (Sq. Ft.)
DP13-STD1-109	10 X 10 X 1	9 1/2 X 9 1/2 X 3/4	210	0.43	1.6
DP13-STD1-117	10 X 20 X 1	9 1/2 X 19 1/2 X 3/4	415	0.43	2.6
DP13-STD1-124	10 X 24 X 1	9-3/8 X 23-3/8 X 3/4	500	0.43	3.1
DP13-STD1-122	12 X 12 X 1	11-3/4 X 11-3/4 X 3/4	300	0.43	1.9
DP13-STD1-123	12 X 16 X 1	11-1/2 X 15-3/4 X 3/4	400	0.43	2.5
DP13-STD1-120	12 X 20 X 1	11 1/2 X 19 1/2 X 3/4	500	0.43	3.1
DP13-STD1-110	12 X 24 X 1	11 3/8 X 23 3/8 X 3/4	600	0.43	3.7
DP13-STD1-133	14 X 14 X 1	13-3/4 X 13-3/4 X 3/4	410	0.43	2.7
DP13-STD1-139	14 X 20 X 1	13 1/2 X 19 1/2 X 3/4	585	0.43	3.8
DP13-STD1-159	14 X 24 X 1	13-3/8 X 23-3/8 X 3/4	700	0.43	4.6
DP13-STD1-141	14 X 25 X 1	13 1/2 X 24 1/2 X 3/4	730	0.43	4.8
DP13-STD1-137	14 X 30 X 1*	13-3/4 X 29-3/4 X 3/4	875	0.43	5.7
DP13-STD1-145	15 X 20 X 1	14 1/2 X 19 1/2 X 3/4	625	0.43	4.0
DP13-STD1-140	15 X 30 X 1*	14-3/4 X 29-3/4 X 3/4	935	0.43	6.1
DP13-STD1-143	16 X 16 X 1	15-1/2 X 15-1/2 X 3/4	530	0.43	4.0
DP13-STD1-101	16 X 20 X 1	15 1/2 X 19 1/2 X 3/4	665	0.43	4.3
DP13-STD1-116	16 X 24 X 1	15-3/8 X 23-3/8 X 3/4	800	0.43	5.1
DP13-STD1-102	16 X 25 X 1	15 1/2 X 24 1/2 X 3/4	835	0.43	5.3
DP13-STD1-146	16 X 30 X 1*	15-3/4 X 29-3/4 X 3/4	1000	0.43	6.5
DP13-STD1-163	18 X 18 X 1	17-3/4 X 14-3/4 X 3/4	675	0.43	4.3
DP13-STD1-180	18 X 20 X 1	17 1/2 X 19 1/2 X 3/4	750	0.43	4.8
DP13-STD1-182	18 X 22 X 1	17-3/8 X 21-1/2 X 3/4	825	0.43	5.7
DP13-STD1-112	18 X 24 X 1	17 3/8 X 23 3/8 X 3/4	900	0.43	5.7
DP13-STD1-185	18 X 25 X 1	17 1/2 X 24 1/2 X 3/4	935	0.43	6.0
DP13-STD1-103	20 X 20 X 1	19 1/2 X 19 1/2 X 3/4	830	0.43	5.5
DP13-STD1-166	20 X 22 X 1	19-3/4 X 21-3/4 X 3/4	915	0.43	6.6
DP13-STD1-111	20 X 24 X 1	19 3/8 X 23 3/8 X 3/4	1000	0.43	6.6
DP13-STD1-104	20 X 25 X 1	19 1/2 X 24 1/2 X 3/4	1040	0.43	6.9
DP13-STD1-132	20 X 30 X 1*	19 1/2 X 29 1/2 X 3/4	1050	0.43	7.1
DP13-STD1-151	22 X 22 X 1	21-3/4 X 21-3/4 X 3/4	1250	0.43	8.1
DP13-STD1-105	24 X 24 X 1	23 3/8 X 23 3/8 X 3/4	1200	0.43	7.7
DP13-STD1-153	24 X 30 X 1*	23-3/4 X 29-3/4 X 3/4	1500	0.43	9.7
DP13-STD1-125	25 X 25 X 1	24 1/2 X 24 1/2 X 3/4	1300	0.43	8.7
DP13-STD2-217	10 X 20 X 2	9 1/2 X 19 1/2 X 1 3/4	700	0.37	6.2
DP13-STD2-220	12 X 20 X 2	11 1/2 X 19 1/2 X 1 3/4	840	0.37	7.2
DP13-STD2-210	12 X 24 X 2	11 3/8 X 23 3/8 X 1 3/4	1000	0.37	8.6
DP13-STD2-239	14 X 20 X 2	13 1/2 X 19 1/2 X 1 3/4	980	0.37	8.8
DP13-STD2-241	14 X 25 X 2	13 1/2 X 24 1/2 X 1 3/4	1220	0.37	11.0
DP13-STD2-245	15 X 20 X 2	14 1/2 X 19 1/2 X 1 3/4	1050	0.37	9.3
DP13-STD2-201	16 X 20 X 2	15 1/2 X 19 1/2 X 1 3/4	1120	0.37	9.8
DP13-STD2-216	16 X 24 X 2	15 3/8 X 23 3/8 X 1 3/4	1340	0.37	11.7
DP13-STD2-202	16 X 25 X 2	15 1/2 X 24 1/2 X 1 3/4	1400	0.37	11.7
DP13-STD2-280	18 X 20 X 2	17 1/2 X 19 1/2 X 1 3/4	1250	0.37	11.3
DP13-STD2-212	18 X 24 X 2	17 3/8 X 23 3/8 X 1 3/4	1500	0.37	13.6
DP13-STD2-285	18 X 25 X 2	17 1/2 X 24 1/2 X 1 3/4	1570	0.37	14.2
DP13-STD2-203	20 X 20 X 2	19 1/2 X 19 1/2 X 1 3/4	1400	0.37	12.4
DP13-STD2-211	20 X 24 X 2	19 3/8 X 23 3/8 X 1 3/4	1670	0.37	14.8
DP13-STD2-204	20 X 25 X 2	19 1/2 X 24 1/2 X 1 3/4	1750	0.37	15.5
DP13-STD2-232	20 X 30 X 2*	19 1/2 X 29 1/2 X 1 3/4	2085	0.37	18.6
DP13-STD2-205	24 X 24 X 2	23 3/8 X 23 3/8 X 1 3/4	2000	0.37	17.9
DP13-STD2-225	25 X 25 X 2	24 1/2 X 24 1/2 X 1 3/4	2170	0.37	20.0
DP13-STD4-410	12 X 24 X 4	11 3/8 X 23 3/8 X 3 3/4	1000	0.30	12.4
DP13-STD4-401	16 X 20 X 4	15 1/2 X 19 1/2 X 3 3/4	1120	0.30	14.6
DP13-STD4-402	16 X 25 X 4	15 1/2 X 24 1/2 X 3 3/4	1400	0.30	18.3
DP13-STD4-412	18 X 24 X 4	17 3/8 X 23 3/8 X 3 3/4	1500	0.30	19.9
DP13-STD4-403	20 X 20 X 4	19 1/2 X 19 1/2 X 3 3/4	1400	0.30	18.8
DP13-STD4-411	20 X 24 X 4	19 3/8 X 23 3/8 X 3 3/4	1670	0.30	22.4
DP13-STD4-404	20 X 25 X 4	19 1/2 X 24 1/2 X 3 3/4	1750	0.30	23.5
DP13-STD4-405	24 X 24 X 4	23 3/8 X 23 3/8 X 3 3/4	2000	0.30	27.4



LEED (*Leadership in Energy and Environment Design*) addresses all building types and emphasizes state-of-the-art strategies in five areas: sustainable site development, water savings, energy efficiency, materials and resources selection, and indoor environmental quality. For more information please visit: [www.usgbc.org](http://www.usgbc.org)



**\* Reverse Pleat**

1. DP 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. Classified per UL Standard 900 for flammability only.
4. Classified Class 2 per ULC-S111.
5. Maximum operating temperature 200°F
6. Recommended final resistance: 1.0" W.G.

**⚠ WARNING:** This product can expose you to chemicals, including acetaldehyde, antimony oxide, which are known to the State of California to cause cancer, and lead, methanol, which are known to the State of California to cause birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Parker Hannifin Corporation  
**HVAC Filtration Division**  
 100 River Ridge Circle  
 Jeffersonville, Indiana 47130  
 phone 866 247 4827  
[www.parker.com/HVAC](http://www.parker.com/HVAC)

