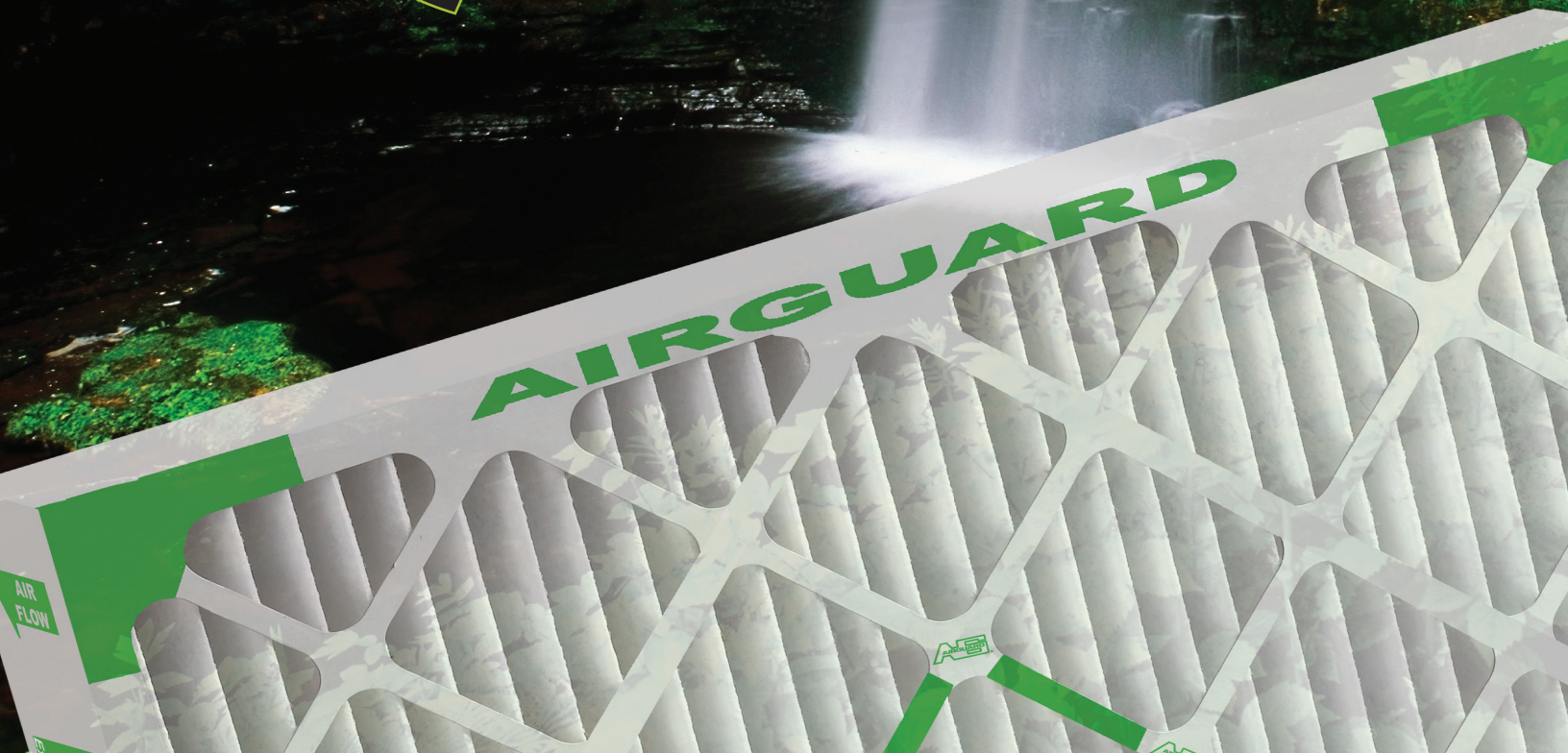
AIRGUARD®

DP-gReen®

GREEN

AIR QUALITY



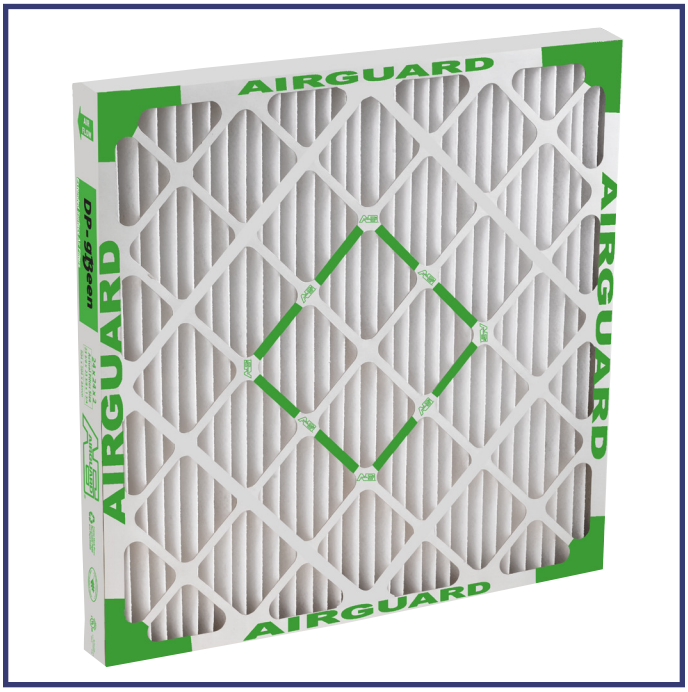
DP-gReen®

Extended Surface Pleated Filters

MERV 13 Pleated Filter

MERV 13 Efficiency Performance for LEED

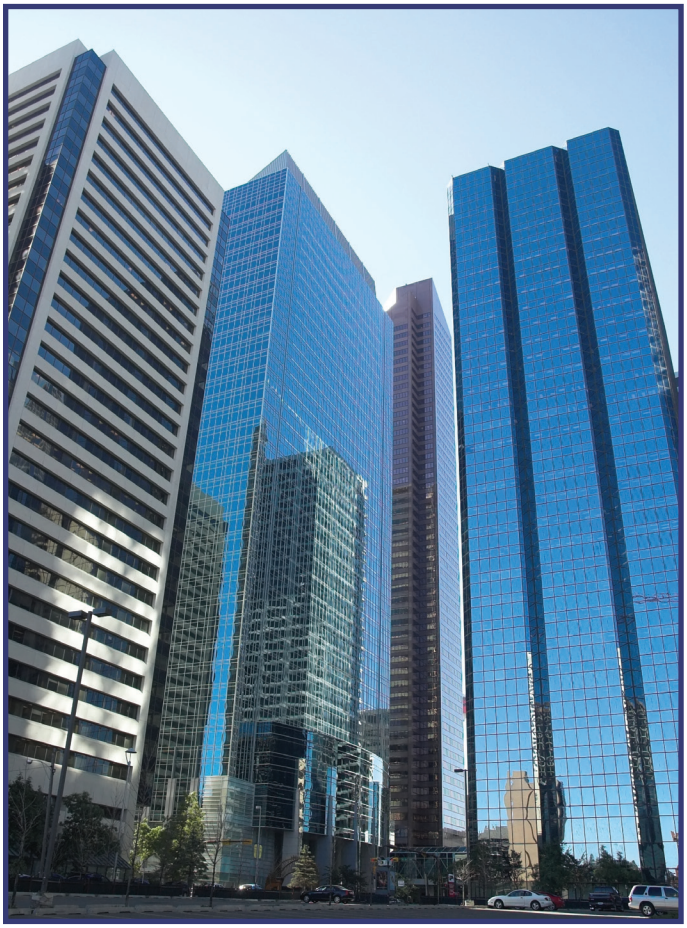
- Maintains MERV 13 Performance in a full ASHRAE 52.2-2012 independent test as required by Leadership in Energy and Environmental Design (LEED)
- Meets LEED Green Building criteria for minimum efficiency
- Provides points toward LEED certification
- May qualify as a sustainable component for a LEED/Green Building Initiative

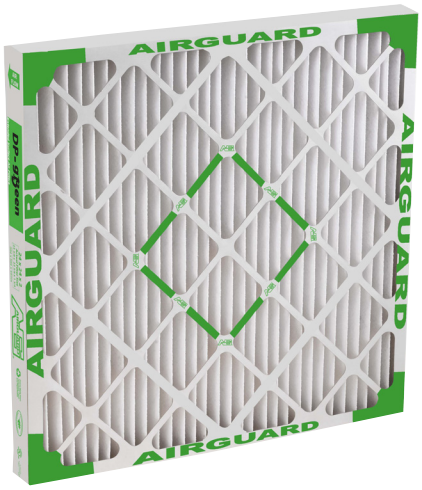


The Leadership in Energy and Environmental Design (LEED) Green Building Rating System is the nationally accepted benchmark for design, construction and operation of high-performance green buildings. LEED promotes a whole-building approach of sustainability by recognizing performance in five key areas 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.**





Easy to Install with Low Initial Resistance

The two-inch depth of the DP-g13een makes installation easy and user friendly. There is no need to retrofit existing air handlers or equipment to accommodate the DP-g13een. The low initial resistance also helps to promote low energy consumption. The DP-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.

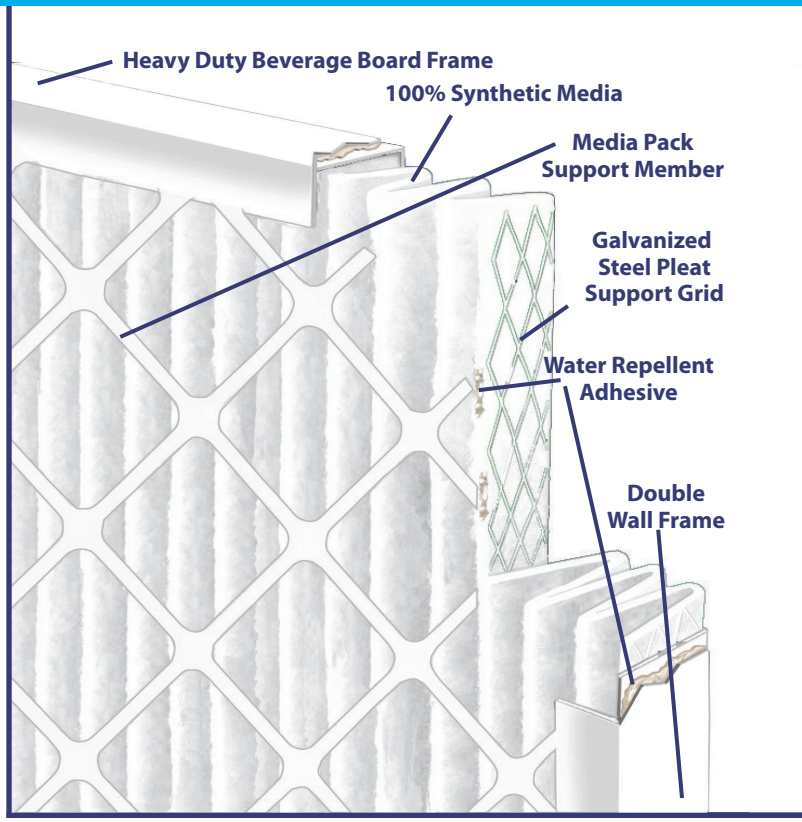
Construction Features and Benefits

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

Two Piece Frame Construction - Double wall thickness around the outer edge and integral die cut cross members provide strength and rigidity. DP-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 Airguard 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 - Ensures 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.

DP-g13een®

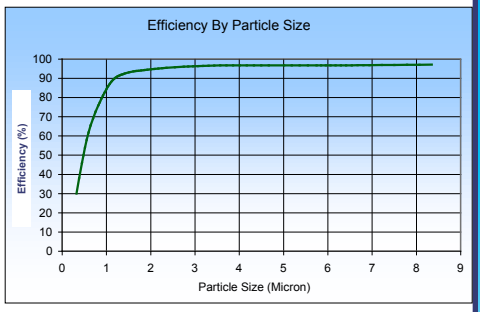
Extended Surface Pleated Filters

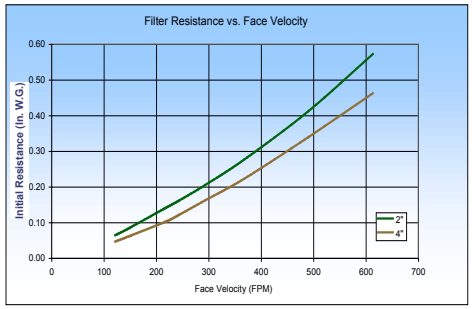
MERV 13 Pleated Filter

DP-green13 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	0.41	1.9
DP13-STD1-177	10 X 15 X 1	9 3/4 X 14 3/4 X 3/4	310	0.41	3.1
DP13-STD1-117	10 X 20 X 1	9 1/2 X 19 1/2 X 3/4	415	0.41	3.1
DP13-STD1-124	10 X 24 X 1	9-3/8 X 23-3/8 X 3/4	500	0.41	3.7
DP13-STD1-122	12 X 12 X 1	11-3/4 X 11-3/4 X 3/4	300	0.41	3.8
DP13-STD1-123	12 X 16 X 1	11-1/2 X 15-3/4 X 3/4	400	0.41	3.8
DP13-STD1-120	12 X 20 X 1	11 1/2 X 19 1/2 X 3/4	500	0.41	3.8
DP13-STD1-110	12 X 24 X 1	11 3/8 X 23 3/8 X 3/4	600	0.41	4.6
DP13-STD1-133	14 X 14 X 1	13-3/4 X 13-3/4 X 3/4	410	0.41	4.5
DP13-STD1-139	14 X 20 X 1	13 1/2 X 19 1/2 X 3/4	585	0.41	4.5
DP13-STD1-159	14 X 24 X 1	13-3/8 X 23-3/8 X 3/4	700	0.41	5.4
DP13-STD1-141	14 X 25 X 1	13 1/2 X 24 1/2 X 3/4	730	0.41	5.7
DP13-STD1-137	14 X 30 X 1*	13-3/4 X 29-3/4 X 3/4	875	0.41	10.1
DP13-STD1-145	15 X 20 X 1	14 1/2 X 19 1/2 X 3/4	625	0.41	5.0
DP13-STD1-140	15 X 30 X 1*	14-3/4 X 29-3/4 X 3/4	935	0.41	10.1
DP13-STD1-143	16 X 16 X 1	15-1/2 X 15-1/2 X 3/4	530	0.41	5.3
DP13-STD1-101	16 X 20 X 1	15 1/2 X 19 1/2 X 3/4	665	0.41	5.3
DP13-STD1-116	16 X 24 X 1	15-3/8 X 23-3/8 X 3/4	800	0.41	8.3
DP13-STD1-102	16 X 25 X 1	15 1/2 X 24 1/2 X 3/4	835	0.41	6.6
DP13-STD1-146	16 X 30 X 1*	15-3/4 X 29-3/4 X 3/4	1000	0.41	10.1
DP13-STD1-163	18 X 18 X 1	17-3/4 X 14-3/4 X 3/4	675	0.41	6.0
DP13-STD1-180	18 X 20 X 1	17 1/2 X 19 1/2 X 3/4	750	0.41	6.0
DP13-STD1-182	18 X 22 X 1	17-3/8 X 21-1/2 X 3/4	825	0.41	7.2
DP13-STD1-112	18 X 24 X 1	17 3/8 X 23 3/8 X 3/4	900	0.41	7.2
DP13-STD1-185	18 X 25 X 1	17 1/2 X 24 1/2 X 3/4	935	0.41	7.5
DP13-STD1-103	20 X 20 X 1	19 1/2 X 19 1/2 X 3/4	830	0.41	6.7
DP13-STD1-166	20 X 22 X 1	19-3/4 X 21-3/4 X 3/4	915	0.41	8.0
DP13-STD1-111	20 X 24 X 1	19 3/8 X 23 3/8 X 3/4	1000	0.41	8.0
DP13-STD1-104	20 X 25 X 1	19 1/2 X 24 1/2 X 3/4	1040	0.41	8.4
DP13-STD1-151	22 X 22 X 1	21-3/4 X 21-3/4 X 3/4	1250	0.41	8.9
DP13-STD1-105	24 X 24 X 1	23 3/8 X 23 3/8 X 3/4	1200	0.41	9.5
DP13-STD1-153	24 X 30 X 1*	23-3/4 X 29-3/4 X 3/4	1500	0.41	12.0
DP13-STD1-125	25 X 25 X 1	24 1/2 X 24 1/2 X 3/4	1300	0.41	10.5
DP13-STD2-217	10 X 20 X 2	9 1/2 X 19 1/2 X 1 3/4	700	0.41	7.2
DP13-STD2-220	12 X 20 X 2	11 1/2 X 19 1/2 X 1 3/4	840	0.41	8.8
DP13-STD2-210	12 X 24 X 2	11 3/8 X 23 3/8 X 1 3/4	1000	0.41	10.5
DP13-STD2-239	14 X 20 X 2	13 1/2 X 19 1/2 X 1 3/4	980	0.41	10.4
DP13-STD2-241	14 X 25 X 2	13 1/2 X 24 1/2 X 1 3/4	1220	0.41	13.0
DP13-STD2-245	15 X 20 X 2	14 1/2 X 19 1/2 X 1 3/4	1050	0.41	20.0
DP13-STD2-201	16 X 20 X 2	15 1/2 X 19 1/2 X 1 3/4	1120	0.41	10.9
DP13-STD2-202	16 X 25 X 2	15 1/2 X 24 1/2 X 1 3/4	1400	0.41	14.9
DP13-STD2-280	18 X 20 X 2	17 1/2 X 19 1/2 X 1 3/4	1250	0.41	13.0
DP13-STD2-212	18 X 24 X 2	17 3/8 X 23 3/8 X 1 3/4	1500	0.41	15.5
DP13-STD2-285	18 X 25 X 2	17 1/2 X 24 1/2 X 1 3/4	1570	0.41	16.2
DP13-STD2-203	20 X 20 X 2	19 1/2 X 19 1/2 X 1 3/4	1400	0.41	14.5
DP13-STD2-211	20 X 24 X 2	19 3/8 X 23 3/8 X 1 3/4	1670	0.41	17.4
DP13-STD2-204	20 X 25 X 2	19 1/2 X 24 1/2 X 1 3/4	1750	0.41	18.2
DP13-STD2-232	20 X 30 X 2 *	19 1/2 X 29 1/2 X 1 3/4	2080	0.41	22.3
DP13-STD2-205	24 X 24 X 2	23 3/8 X 23 3/8 X 1 3/4	2000	0.41	21.1
DP13-STD2-225	25 X 25 X 2	24 1/2 X 24 1/2 X 1 3/4	2170	0.41	23.4
DP13-STD4-410	12 X 24 X 4	11 3/8 X 23 3/8 X 3 3/4	1000	0.34	12.4
DP13-STD4-401	16 X 20 X 4	15 1/2 X 19 1/2 X 3 3/4	1120	0.34	14.6
DP13-STD4-402	16 X 25 X 4	15 1/2 X 24 1/2 X 3 3/4	1400	0.34	18.3
DP13-STD4-412	18 X 24 X 4	17 3/8 X 23 3/8 X 3 3/4	1500	0.34	19.9
DP13-STD4-403	20 X 20 X 4	19 1/2 X 19 1/2 X 3 3/4	1400	0.34	18.8
DP13-STD4-411	20 X 24 X 4	19 3/8 X 23 3/8 X 3 3/4	1670	0.34	22.4
DP13-STD4-404	20 X 25 X 4	19 1/2 X 24 1/2 X 3 3/4	1750	0.34	23.5
DP13-STD4-405	24 X 24 X 4	23 3/8 X 23 3/8 X 3 3/4	2000	0.34	27.4

** = REVERSE PLEAT CONSTRUCTION*

1. DP-g13een 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.





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**

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www.airguard.com

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