AIRGUARD®

DP®/DP Max

Extended Surface Pleated Filters

The Industry's Largest Selling Brand of Pleated Filters

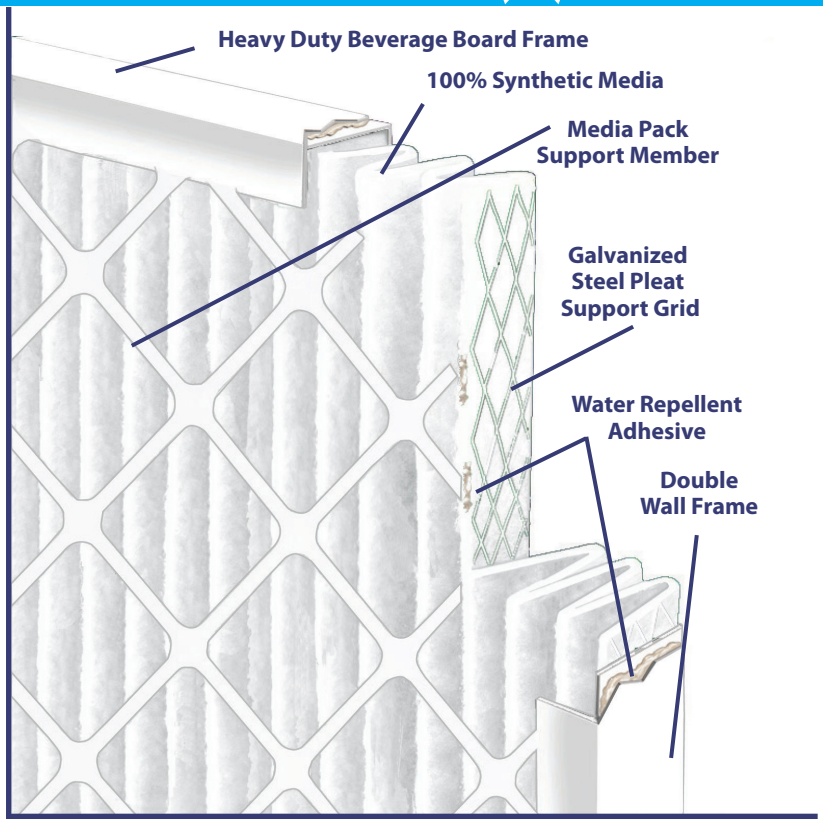
- **Mechanical MERV 8**
- **Low Initial Resistance for Energy Savings**
- **Quality Engineered**
- **Consistently Produced**
- **Widest Selection**
- **Industry's Largest Inventory**
- **Competitively Priced**

DP®/DP Max

Extended Surface Pleated Filters

Exceeds ASHRAE Standard 62 air cleaning specifications for filters installed upstream of cooling coils.

Mechanical MERV 8



All DP filters are designed with a consistent pleat shape on predetermined centers causing dirt to collect evenly over the entire surface of the media. Fully utilizing every square inch of media results in a slow steady rise in resistance for maximum dust holding capacity.

Nobody sells more pleats than Airguard and here's why...

Quality Engineered

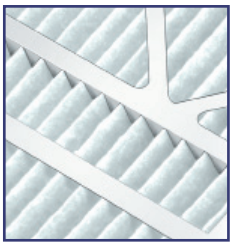
Proprietary MERV 8 Media - Developed to deliver consistent performance - Media is the heart of an air filter. Airguard medias are manufactured to exclusive specifications established only for Airguard. Nobody pays more attention to media specifications than Airguard. Rigid requirements for resistance, efficiency, MERV 8 performance and dust holding capacity are verified by QC checks on incoming raw materials and production line sampling.

Mechanical Media - DP and DP Max filters are made with 100% synthetic fibers providing mechanical efficiency to achieve a MERV 8 performance. DP and DP Max filters maintain a MERV 8 performance before and after a conditioning step.

Heavy Duty Beverage Board Frame - Moisture resistant, beverage board stands up to rough handling and difficult service conditions, providing long service life. The die cut pattern increases contact points between the media pack 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. DP filters will not rack, warp or bend under normal handling or operating conditions.

Pleat Stabilizers - The 4" deep filters are designed with individual die cut fingers that separate and stabilize each pleat. Consistent pleat alignment enhances dust holding capacity for longer service life.



Mechanical
MERV 8

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 ensure 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 ensure 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.

Competitively Priced

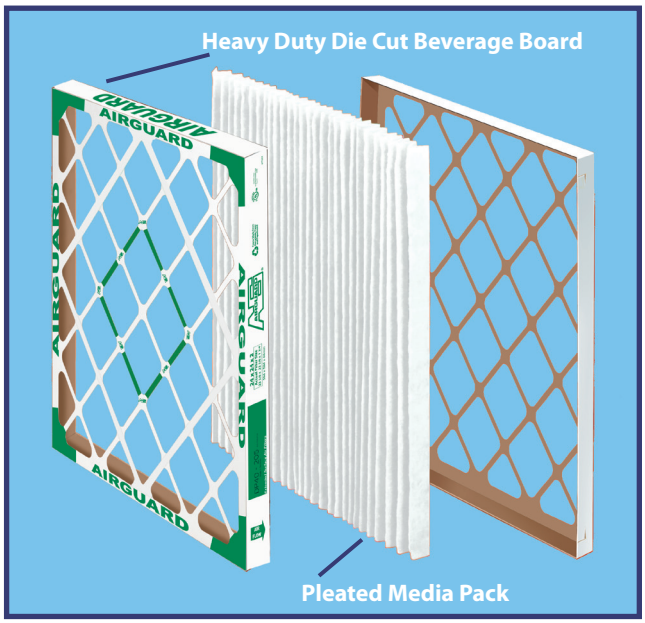
Ask your Airguard representative for a quote today.

Largest Inventory

We know ready availability is critical to meeting your needs for clean air... on time. All of our Distribution Centers are kept fully stocked with pleats all year round.

Compare

Compare the performance and value of DP pleats to other types of filters including disposable panel filters, ring panels, pads and frames or permanent filters for efficiency, low resistance, high dust holding capacity, durability and price. The DP/DP Max line has significantly lower initial resistance levels to aid in your energy savings initiatives.

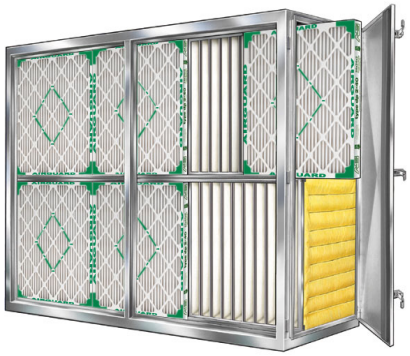


Two mating pieces of die cut beverage board form a double wall frame around the perimeter of the filter. DP filters will not rack or warp under normal operating conditions.

Pleated Filters As Pre-filters

Pleated Filters Offer Flexibility, Performance and Economy

Airguard DP pleated filters are extremely versatile allowing installation in virtually any application or air-handling system. They are widely used in built up filter banks, central station air handlers, rooftop units and side access housings. DP pleats are commonly used as pre-filters to protect and extend the life of the final filter in a housing unit. The use of a pre-filter is highly recommended as the easiest and most economical way of improving final filter performance.



Two stage side access housing. DP pre-filters shown with Clean-Pak pocket filters as final filters.

DP®/DP Max

Extended Surface Pleated Filters

Mechanical MERV 8

NOMINAL SIZE (2)	ACTUAL SIZE	AIRFLOW 300 FPM	AIRFLOW 500 FPM	AIRFLOW 625 FPM	INITIAL RESISTANCE DP	INITIAL RESISTANCE DP MAX	MEDIA AREA DP	MEDIA AREA DP MAX
10x10x1	9-1/2 x 9-1/2 x 3/4	210	350	N/R	0.24	0.27	1.6	1.5
10x20x1	9-1/2 x 19-1/2 x 3/4	415	700	N/R	0.24	0.27	2.6	2.4
10x24x1	9-3/8 x 23-3/8 x 3/4	500	830	N/R	0.24	0.27	3.1	2.9
12x12x1	11-3/4 x 11-3/4 x 3/4	300	500	N/R	0.24	0.27	1.9	1.8
12x16x1	11-1/2 x 15-3/4 x 3/4	400	670	N/R	0.24	0.27	2.5	2.3
12x20x1	11-1/2 x 19-1/2 x 3/4	500	830	N/R	0.24	0.27	3.1	2.9
12x24x1	11-3/8 x 23-3/8 x 3/4	600	1000	N/R	0.24	0.27	3.7	3.4
14x14x1	13-3/4 x 13-3/4 x 3/4	410	680	N/R	0.24	0.27	2.7	2.4
14x20x1	13-1/2 x 19-1/2 x 3/4	585	980	N/R	0.24	0.27	3.8	3.4
14x24x1	13-3/8 x 23-3/8 x 3/4	700	1170	N/R	0.24	0.27	4.6	4.0
14x25x1	13-1/2 x 24-1/2 x 3/4	730	1220	N/R	0.24	0.27	4.8	4.2
14x30x1*	13-3/4 x 29-3/4 x 3/4	875	1460	N/R	0.24	0.27	5.7	5.0
15x20x1	14-1/2 x 19-1/2 x 3/4	625	1050	N/R	0.24	0.27	4.0	3.6
15x30x1*	14-3/4 x 29-3/4 x 3/4	935	1560	N/R	0.24	0.27	6.1	5.4
16x16x1	15-1/2 x 15-1/2 x 3/4	530	890	N/R	0.24	0.27	4.0	3.1
16x20x1	15-1/2 x 19-1/2 x 3/4	665	1110	N/R	0.24	0.27	4.3	3.8
16x24x1	15-3/4 x 23-3/8 x 3/4	800	1330	N/R	0.24	0.27	5.1	4.6
16x25x1	15-1/2 x 24-1/2 x 3/4	835	1400	N/R	0.24	0.27	5.0	4.8
16x30x1*	15-3/4 x 29-3/4 x 3/4	1000	1670	N/R	0.24	0.27	6.5	5.8
18x18x1	17-3/4 x 17-3/4 x 3/4	675	1125	N/R	0.24	0.27	4.3	3.7
18x20x1	17-3/8 x 19-1/2 x 3/4	750	1250	N/R	0.24	0.27	4.8	4.0
18x22x1	17-3/8 x 21-1/2 x 3/4	825	1375	N/R	0.24	0.27	5.7	4.8
18x24x1	17-3/8 x 23-3/8 x 3/4	900	1500	N/R	0.24	0.27	5.7	4.8
18x25x1	17-1/2 x 24-1/2 x 3/4	935	1560	N/R	0.24	0.27	6.0	5.1
20x20x1	19-1/2 x 19-1/2 x 3/4	830	1400	N/R	0.24	0.27	5.5	4.8
20x22x1	19-3/4 x 21-3/4 x 3/4	915	1525	N/R	0.24	0.27	6.6	5.7
20x24x1	19-3/8 x 23-3/8 x 3/4	1000	1670	N/R	0.24	0.27	6.6	5.7
20x25x1	19-1/2 x 24-1/2 x 3/4	1040	1730	N/R	0.24	0.27	6.9	6.0
20x30x1*	19-1/2 x 29-1/2 x 3/4	1250	2170	N/R	0.24	0.27	8.1	7.2
22x22x1	21-3/4 x 21-3/4 x 3/4	1005	2080	N/R	0.24	0.27	7.1	5.0
24x24x1	23-3/8 x 23-3/8 x 3/4	1200	2000	N/R	0.24	0.27	7.7	6.6
24x30x1	23-3/4 x 29-3/4 x 3/4	1500	2500	N/R	0.24	0.27	9.7	8.5
25x25x1	24-1/2 x 24-1/2 x 3/4	1300	2170	N/R	0.24	0.27	8.7	7.5
10x20x2	9-1/2 x 19-1/2 x 1-3/4	415	700	870	0.26	0.28	3.8	4.1
12x12x2	11-3/4 x 11-3/4 x 1-3/4	300	500	625	0.26	0.28	4.4	3.1
12x20x2	11-1/2 x 19-1/2 x 1-3/4	500	830	1040	0.26	0.28	7.2	5.2
12x24x2	11-3/8 x 23-3/8 x 1-3/4	600	1000	1250	0.26	0.28	8.6	6.2
14x20x2	13-1/2 x 19-1/2 x 1-3/4	585	980	1220	0.26	0.28	8.8	5.7
14x25x2	13-1/2 x 24-1/2 x 1-3/4	730	1220	1520	0.26	0.28	11.0	7.1
15x20x2	14-1/2 x 19-1/2 x 1-3/4	625	1050	1300	0.26	0.28	9.3	6.2
16x16x2	15-3/4 x 15-3/4 x 1-3/4	530	890	1110	0.26	0.28	9.8	6.7
16x20x2	15-1/2 x 19-1/2 x 1-3/4	665	1110	1400	0.26	0.28	9.8	6.7
16x24x2	15-3/8 x 23-3/8 x 1-3/4	800	1330	1670	0.26	0.28	11.7	8.0
16x25x2	15-1/2 x 24-1/2 x 1-3/4	835	1400	1740	0.26	0.28	11.7	8.0
18x18x2	17-3/4 x 17-3/4 x 1-3/4	675	1125	1410	0.26	0.28	10.3	7.0
18x20x2	17-1/2 x 19-1/2 x 1-3/4	750	1250	1560	0.26	0.28	11.3	7.7
18x22x2	17-1/2 x 21-1/2 x 1-3/4	825	1375	1720	0.26	0.28	13.6	9.3
18x24x2	17-3/8 x 23-3/8 x 1-3/4	900	1500	1875	0.26	0.28	13.6	9.3
18x25x2	17-1/2 x 24-1/2 x 1-3/4	935	1560	1950	0.26	0.28	14.2	9.7
20x20x2	19-1/2 x 19-1/2 x 1-3/4	830	1400	1740	0.26	0.28	12.4	8.3
20x24x2	19-3/8 x 23-3/8 x 1-3/4	1000	1670	2080	0.26	0.28	14.8	9.9
20x25x2	19-1/2 x 24-1/2 x 1-3/4	1040	1730	2170	0.26	0.28	15.5	10.3
20x30x2*	19-1/2 x 29-1/2 x 1-3/4	1250	2080	2600	0.26	0.28	18.6	12.9
24x24x2	23-3/8 x 23-3/8 x 1-3/4	1200	2000	2500	0.26	0.28	17.9	11.7
25x25x2	24-1/2 x 24-1/2 x 1-3/4	1300	2170	2710	0.26	0.28	20.0	12.9

* Reverse Pleat

1. DP/ DP Max are MERV 8-A, tested per ASHRAE standard 52.2-2012 Appendix J. Test data based on 295 FPM for 24x24x1 and 492 FPM for 24x24x2 and 24x24x4 nominal sizes.
2. Filters may be installed with the pleats either vertical (preferred) or horizontal.
3. 6" deep sizes are available in DP Max models only.

Mechanical MERV 8

NOMINAL SIZE (2)	ACTUAL SIZE	AIRFLOW 300 FPM	AIRFLOW 500 FPM	AIRFLOW 625 FPM	INITIAL RESISTANCE DP	INITIAL RESISTANCE DP MAX	MEDIA AREA DP	MEDIA AREA DP MAX
12x24x4	11 3/8 x 23 3/8 x 3-3/4	600	1000	1250	0.18	0.20	12.4	11.2
16x20x4	15 1/2 x 19 1/2 x 3-3/4	665	1110	1400	0.18	0.20	14.5	12.5
16x25x4	15 1/2 x 24 1/2 x 3-3/4	835	1400	1740	0.18	0.20	18.3	15.6
18x24x4	17 3/8 x 23 3/8 x 3-3/4	900	1500	1875	0.18	0.20	19.9	16.2
20x20x4	19 1/2 x 19 1/2 x 3-3/4	830	1400	1740	0.18	0.20	18.7	15.6
20x24x4	19 3/8 x 23 3/8 x 3-3/4	1000	1670	2080	0.18	0.20	22.4	18.7
20x25x4	19 1/2 x 24 1/2 x 3-3/4	1040	1730	2170	0.18	0.20	23.5	19.6
24x24x4	23 3/8 x 23 3/8 x 3-3/4	1200	2000	2500	0.18	0.20	27.4	22.4
24-1/2 x 28-1/2 x 4	21-1/2 x 28-1/2 x 3-3/4	1280	2130	2660	0.18	-	32.6	-
28x30x4	27-1/2 x 29-1/2 x 3-3/4	1750	2920	3640	0.18	-	38.5	-
12x24x6	11 3/8 x 23 3/8 x 5 7/8	600	1000	1250	-	0.29	-	16.9
16x20x6	15 1/2 x 19 1/2 x 5 7/8	665	1110	1400	-	0.29	-	18.9
16x25x6	15 1/2 x 24 1/2 x 5 7/8	835	1400	1740	-	0.29	-	23.6
18x24x6	17 3/8 x 23 3/8 x 5 7/8	900	1500	1875	-	0.29	-	26.3
20x20x6	19 1/2 x 19 1/2 x 5 7/8	830	1400	1740	-	0.29	-	23.7
20x24x6	19 3/8 x 23 3/8 x 5 7/8	1000	1670	2080	-	0.29	-	28.2
20x25x6	19 1/2 x 24 1/2 x 5 7/8	1040	1730	2170	-	0.29	-	29.5
24x24x6	23 3/8 x 23 3/8 x 5 7/8	1200	2000	2500	-	0.29	-	33.8

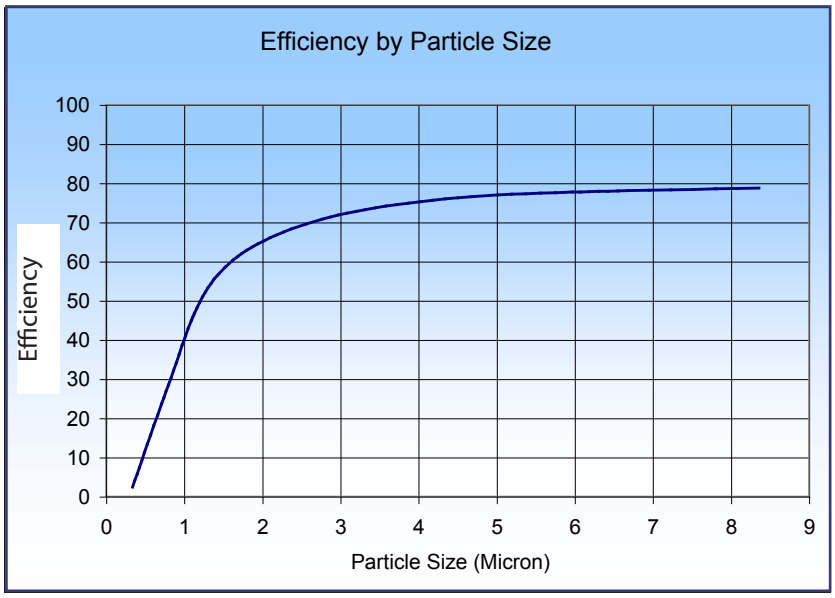
- **DP -** The industry standard for performance and value for over 30 years.
- **DP Max -** Reduced pleat count for maximum economy.

DP®/DP Max

Extended Surface Pleated Filters

Mechanical MERV 8

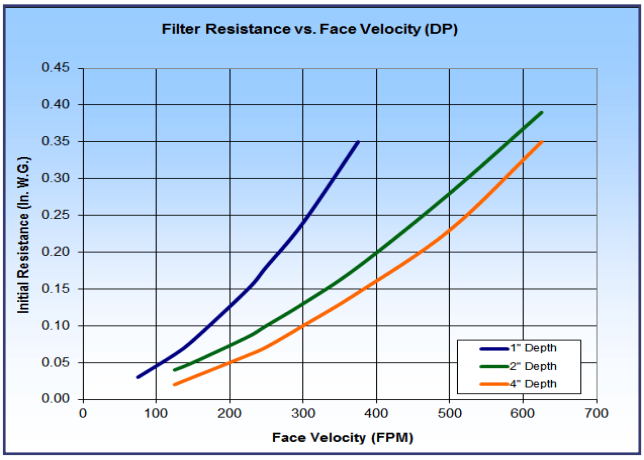
Technical Data -

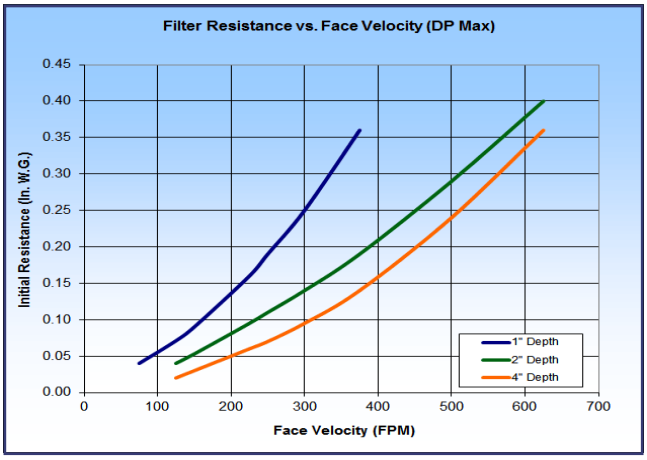


Underwriters Laboratories, Inc. Classification:
DP and DP Max filters are classified per UL Standard 900 for flammability.

Operating Temperature Limit: Maximum operating temperature is 225°F (107°C).

Pleat Count -	1"	2"	4"	6"
		(Pleats per foot)		
DP -	14.0	15.0	11.0	-
DP Max -	12.0	10.0	9.0	9.0





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AIRGUARD®

www.airguard.com

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NAFA National Air Filtration Association

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