



# DP<sup>®</sup>/DP Max

Extended Surface Pleated Filters

**MERV 8**



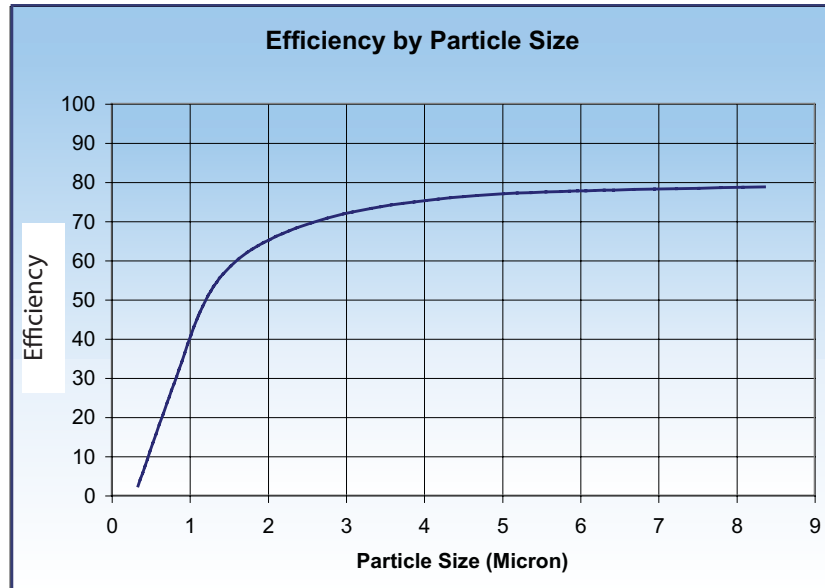
The Best  
Just Got Better-  
DP Pleats Now  
Mechanical MERV 8, With  
Lower Initial Resistance

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



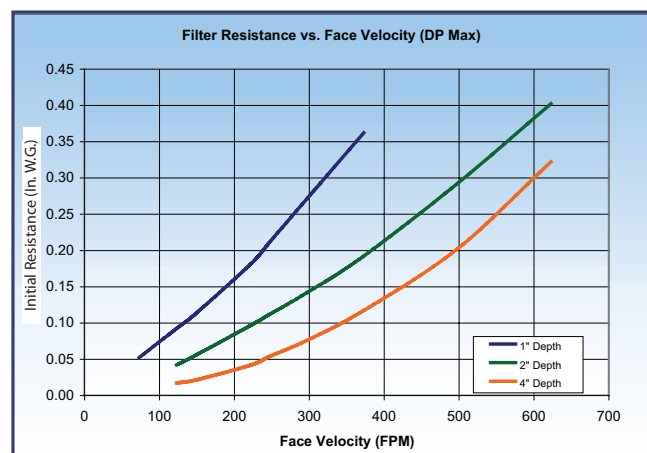
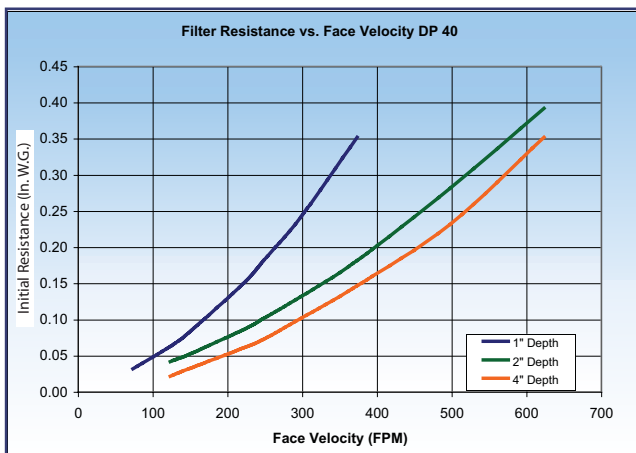
## Technical Data -



**Underwriters Laboratories, Inc. Classification:**  
 DP and DP Max filters are classified U.L. Class 2 per U.L. Standard 900.

**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



# The Best Just Got Better

Mechanical  
MERV 8



## Pleated Filters As Prefilters

### 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 prefilters to protect and extend the life of the final filter in a housing unit. The use of a prefilter is highly recommended as the easiest and most economical way of improving filter performance.

- **DP** - The industry standard for performance and value for over 30 years.
- **DP Max** - MERV 8. Reduced pleat count for maximum economy.

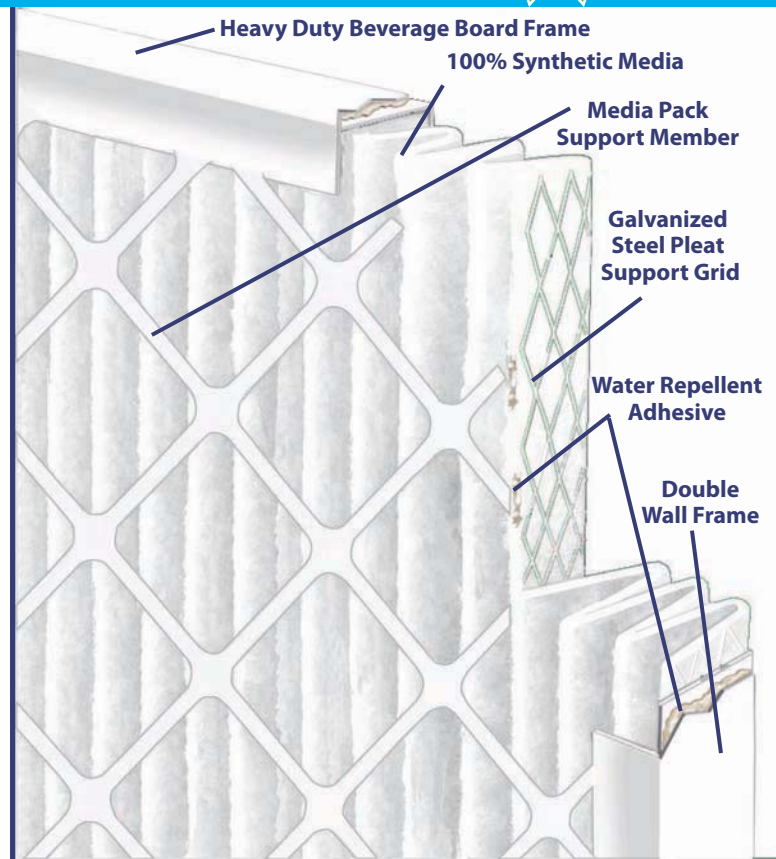
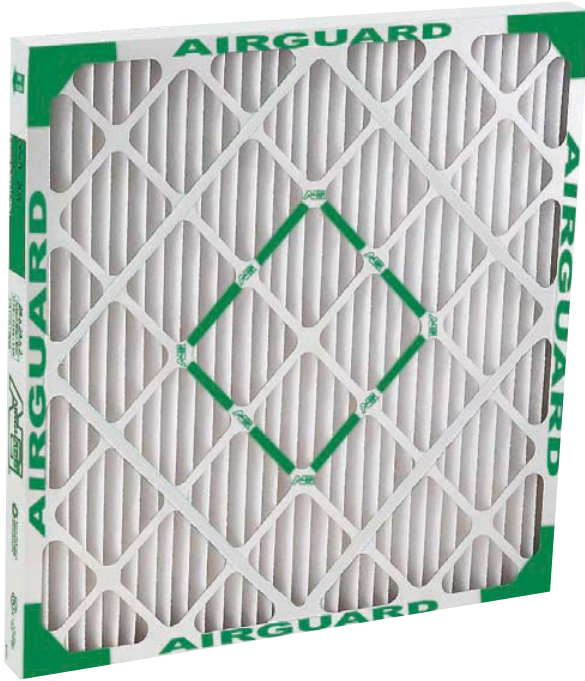


*Two stage side access housing. DP prefilters shown with Clean-Pak pocket filters as final filters.*

# DP<sup>®</sup>/DP Max

Extended Surface Pleated Filters

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



Nobody Sells More Pleats  
than . Here's Why...

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 results in a slow steady rise in resistance for maximum dust holding capacity.

## 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 produced 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, sturdy frame material stands up to rough handling and difficult service conditions, providing 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. 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.



# Airguard Pleats Can't Be Beat!

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 - 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.

**Competitively Priced**  
Ask your Airguard representative for a quote today.



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

**Largest Inventory**  
*(Nobody stocks more pleats than Airguard.)*

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

**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 goals and objectives.

# DP<sup>®</sup>/DP Max

Extended Surface Pleated Filters



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.)	
		300 FPM	500 FPM	625 FPM	DP	DP Max	DP	DP Max
10x20x1	9-1/2 x 19-1/2 x 3/4	425	700	N/R	.24	.27	2.6	2.4
12x20x1	11-1/2 x 19-1/2 x 3/4	500	840	N/R	.24	.27	3.1	2.9
12x24x1	11-3/8 x 23-3/8 x 3/4	600	1000	N/R	.24	.27	3.7	3.4
14x20x1	13-1/2 x 19-1/2 x 3/4	590	980	N/R	.24	.27	3.8	3.4
14x25x1	13-1/2 x 24-1/2 x 3/4	730	1220	N/R	.24	.27	4.8	4.2
15x20x1	14-1/2 x 19-1/2 x 3/4	630	1050	N/R	.24	.27	4.1	3.6
16x20x1	15-1/2 x 19-1/2 x 3/4	670	1120	N/R	.24	.27	4.3	3.8
16x25x1	15-1/2 x 24-1/2 x 3/4	840	1400	N/R	.24	.27	5.4	4.8
18x24x1	17-3/8 x 23-3/8 x 3/4	900	1500	N/R	.24	.27	5.7	4.8
18x25x1	17-1/2 x 24-1/2 x 3/4	940	1570	N/R	.24	.27	6.0	5.1
20x20x1	19-1/2 x 19-1/2 x 3/4	840	1400	N/R	.24	.27	5.5	4.8
20x25x1	19-1/2 x 24-1/2 x 3/4	1050	1750	N/R	.24	.27	6.9	6.0
24x24x1	23-3/8 x 23-3/8 x 3/4	1200	2000	N/R	.24	.27	7.7	6.6
25x25x1	24-1/2 x 24-1/2 x 3/4	1310	2170	N/R	.24	.27	8.7	7.5
30x20x1	29-1/2 x 19-1/2 x 3/4	1250	2080	N/R	.24	.27	8.2	7.2
10x20x2	9-1/2 x 19-1/2 x 1-3/4	425	700	870	.26	.29	5.7	4.7
12x20x2	11-1/2 x 19-1/2 x 1-3/4	500	840	1050	.26	.29	7.3	5.2
12x24x2	11-3/8 x 23-3/8 x 1-3/4	600	1000	1250	.26	.29	8.6	6.2
14x20x2	13-1/2 x 19-1/2 x 1-3/4	590	980	1220	.26	.29	8.8	5.7
14x25x2	13-1/2 x 24-1/2 x 1-3/4	730	1220	1525	.26	.29	11.0	7.1
15x20x2	14-1/2 x 19-1/2 x 1-3/4	630	1050	1310	.26	.29	9.3	6.2
16x20x2	15-1/2 x 19-1/2 x 1-3/4	670	1120	1400	.26	.29	9.9	6.7
16x24x2	15-3/8 x 23-3/8 x 1-3/4	800	1340	1670	.26	.29	11.7	8.0
16x25x2	15-1/2 x 24-1/2 x 1-3/4	840	1400	1750	.26	.29	12.3	8.0
18x20x2	17-1/2 x 19-1/2 x 1-3/4	750	1250	1570	.26	.29	11.4	7.8
18x24x2	17-3/8 x 23-3/8 x 1-3/4	900	1500	1875	.26	.29	13.6	9.3
18x25x2	17-1/2 x 24-1/2 x 1-3/4	940	1570	1960	.26	.29	14.2	9.7
20x20x2	19-1/2 x 19-1/2 x 1-3/4	840	1400	1750	.26	.29	12.4	8.3
20x24x2	19-3/8 x 23-3/8 x 1-3/4	1000	1670	2090	.26	.29	14.8	9.9
20x25x2	19-1/2 x 24-1/2 x 1-3/4	1050	1750	2170	.26	.29	15.5	10.3
24x24x2	23-3/8 x 23-3/8 x 1-3/4	1200	2000	2500	.26	.29	17.9	11.7
25x25x2	24-1/2 x 24-1/2 x 1-3/4	1310	2170	2720	.26	.29	20.0	13.6
12x24x4	11-3/8 x 23-3/8 x 3-3/4	600	1000	1250	.18	.20	12.4	11.2
14-1/2x26-3/4x4	14-1/2 x 26-3/4 x 3-3/4	810	1350	1690	.18	.20	17.8	14.8
16x20x4	15-1/2 x 19-1/2 x 3-3/4	670	1120	1400	.18	.20	14.6	12.5
16x25x4	15-1/2 x 24-1/2 x 3-3/4	840	1400	1750	.18	.20	18.3	15.6
18x24x4	17-3/8 x 23-3/8 x 3-3/4	900	1500	1875	.18	.20	19.9	16.2
20x20x4	19-1/2 x 19-1/2 x 3-3/4	840	1400	1750	.18	.20	18.8	15.7
20x24x4	19-3/8 x 23-3/8 x 3-3/4	1000	1670	2090	.18	.20	22.4	18.7
20x25x4	19-1/2 x 24-1/2 x 3-3/4	1050	1750	2170	.18	.20	23.5	19.6
24x24x4	23-3/8 x 23-3/8 x 3-3/4	1200	2000	2500	.18	.20	27.4	22.4
28-1/2x24-1/2x4	28-1/2 x 24-1/2 x 3-3/4	1460	2430	3030	.18	.20	32.6	26.1
30x28x4	29-1/2 x 27-1/2 x 3-3/4	1750	2920	3650	.18	.20	38.5	31.1
12x24x6	11-3/8 x 23-3/8 x 5-7/8	600	1000	1250	-	.29	-	16.9
16x20x6	15-1/2 x 19-1/2 x 5-7/8	670	1120	1400	-	.29	-	18.9
16x25x6	15-1/2 x 24-1/2 x 5-7/8	840	1400	1750	-	.29	-	23.6
18x24x6	17-3/8 x 23-3/8 x 5-7/8	900	1500	1875	-	.29	-	26.3
20x20x6	19-1/2 x 19-1/2 x 5-7/8	840	1400	1750	-	.29	-	23.7
20x24x6	19-3/8 x 23-3/8 x 5-7/8	1000	1670	2090	-	.29	-	28.2
20x25x6	19-1/2 x 24-1/2 x 5-7/8	1050	1750	2170	-	.29	-	29.5
24x24x6	23-3/8 x 23-3/8 x 5-7/8	1200	2000	2500	-	.29	-	33.8

1. DP/ DP Max are MERV 8-A, tested per ASHRAE Standard 52.2-2007 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.

A-DP-110



www.airguard.com



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