



*Innovative
Clean Air
Solutions*

Type DP®/DP Max/DP 8

**Extended Surface
Pleated Panel Filters**

**New
Type DP 8**
• 30 - 35%
• MERV 8

**The Industry's Largest Selling
Brand of Pleated Filters**

- Quality Engineered
- Consistently Produced
- Widest Selection
- Industry's Largest Inventory
- Competitively Priced



Type DP - 2"

Type DP Max - 1"

Type DP 8 - 2"

Type DP 8 - 4"



UL CERTIFICATE
A4915

Type DP[®]/DP Max/DP 8

Extended Surface Pleated Panel Filters

- Type DP - The industry standard for performance and value for over 30 years. 25-35% efficiency, MERV 6.
 - DP Max - 25-30% efficiency, MERV 6. Reduced pleat count for maximum economy.
 - DP 8 - 30-35% efficiency, MERV 8. Premium performance at an economical cost.
- Compare DP 8 efficiency to standard cotton/poly media:
1.7 times higher on one micron particles
1.5 times higher on five micron particles

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

**QUALITY
ENGINEERED**

Proprietary Media - Assures Rated Efficiency

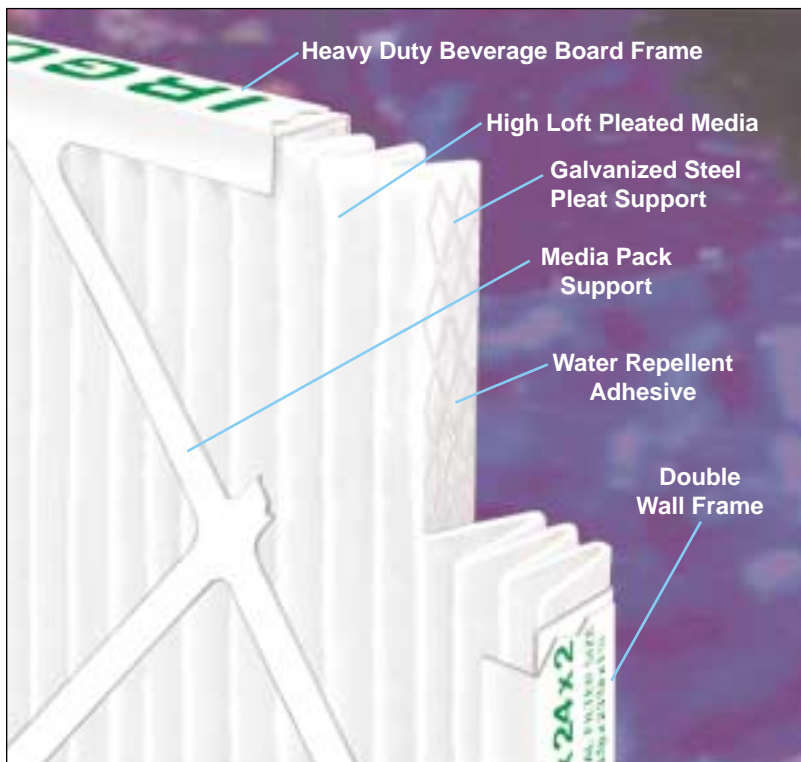
The heart of the product. Airguard medias are manufactured to exclusive specifications produced only for Airguard. Nobody pays more attention to media specifications than Airguard. Rigid requirements for resistance, efficiency, MERV values and dust holding capacity are verified by QC checks on incoming raw materials, production line sampling and field audits of finished goods.

Type DP and DP Max - Made with a blend of cotton and polyester fibers - the industry standard for consistent performance for over 30 years.

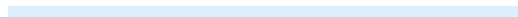
Type DP 8 - Made with a dual layer of high loft electrostatically charged fibers on the air entering side for high dust holding capacity with a scrim backing for higher efficiency and strength. Does not support microbial growth.

Heavy Duty Beverage Board Frame - Moisture resistant, sturdy frame material stands up to rough handling, difficult service conditions, long service life.

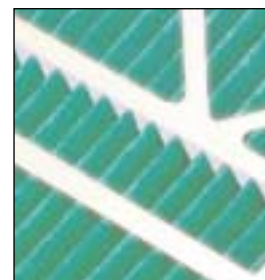
Two Piece Frame Construction - Double wall thickness around the outer edge and integral die cut cross members provide strength and rigidity. DP filters will not rack, warp or bend under normal handling or operating conditions.



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.



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.



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.

Consistent pleat alignment and rigidity assure maximum dirt loading and longer filter life

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 - 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.

WIDEST SELECTION

Airguard produces 16 different models to choose from. Nobody offers more styles of pleated filters. (Refer to Brochure KA-288 for additional models.)

LARGEST INVENTORY

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 around. *Nobody stocks more pleats than Airguard.*

COMPETITIVELY PRICED

Ask your Airguard representative for a quote today.

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. *Airguard pleats can't be beat!*



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.

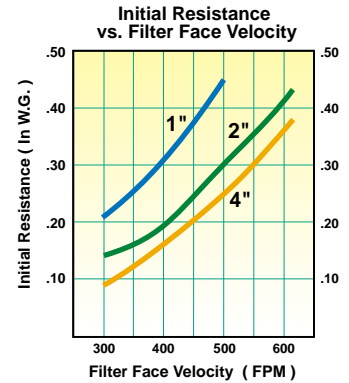


Two stage side access housing. Type DP prefilters shown with Clean-Pak pocket filters as final filters.

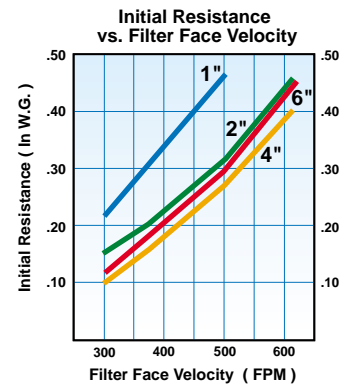
TECHNICAL DATA Type DP®/DP Max/DP 8

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	Type DP DP 8	DP MAX	Type DP DP 8	DP MAX
10 x 20 x 1	9-3/4 x 19-3/4 x 3/4	425	700	N/R	.21	.22	2.9	2.4
12 x 20 x 1	11-3/4 x 19-3/4 x 3/4	500	840	N/R	.21	.22	3.1	2.9
12 x 24 x 1	11-3/8 x 23-3/8 x 3/4	600	1000	N/R	.21	.22	3.7	3.4
14 x 20 x 1	13-3/4 x 19-3/4 x 3/4	590	980	N/R	.21	.22	3.8	3.4
14 x 25 x 1	13-3/4 x 24-3/4 x 3/4	730	1220	N/R	.21	.22	4.8	4.2
15 x 20 x 1	14-3/4 x 19-3/4 x 3/4	630	1050	N/R	.21	.22	4.1	3.6
16 x 20 x 1	15-1/2 x 19-1/2 x 3/4	670	1120	N/R	.21	.22	4.3	3.8
16 x 25 x 1	15-1/2 x 24-1/2 x 3/4	840	1400	N/R	.21	.22	5.3	4.8
18 x 24 x 1	17-1/2 x 23-1/2 x 3/4	900	1500	N/R	.21	.22	6.0	5.2
18 x 25 x 1	17-1/2 x 24-1/2 x 3/4	940	1570	N/R	.21	.22	6.2	5.3
20 x 20 x 1	19-1/2 x 19-1/2 x 3/4	840	1400	N/R	.21	.22	5.4	4.7
20 x 25 x 1	19-1/2 x 24-1/2 x 3/4	1050	1750	N/R	.21	.22	6.8	5.9
24 x 24 x 1	23-3/8 x 23-3/8 x 3/4	1200	2000	N/R	.21	.22	7.7	6.8
25 x 25 x 1	24-1/2 x 24-1/2 x 3/4	1310	2170	N/R	.21	.22	8.6	7.4
30 x 20 x 1	29-1/2 x 19-1/2 x 3/4	1250	2080	N/R	.21	.22	8.3	7.1
10 x 20 x 2	9-3/4 x 19-3/4 x 1-3/4	425	700	870	.30	.32	5.7	4.7
12 x 20 x 2	11-3/4 x 19-3/4 x 1-3/4	500	840	1050	.30	.32	7.3	5.2
12 x 24 x 2	11-3/8 x 23-3/8 x 1-3/4	600	1000	1250	.30	.32	8.6	5.6
14 x 20 x 2	13-3/4 x 19-3/4 x 1-3/4	590	980	1220	.30	.32	8.8	5.7
14 x 25 x 2	13-3/4 x 24-3/4 x 1-3/4	730	1220	1525	.30	.32	11.0	7.1
14-1/2 x 26-3/4 x 2	14-1/2 x 26-3/4 x 1-3/4	810	1350	1690	.30	.32	12.1	8.8
15 x 20 x 2	14-3/4 x 19-3/4 x 1-3/4	630	1050	1310	.30	.32	9.3	6.2
16 x 20 x 2	15-1/2 x 19-1/2 x 1-3/4	670	1120	1400	.30	.32	9.9	6.7
16 x 24 x 2	15-1/2 x 23-1/2 x 1-3/4	800	1340	1670	.30	.32	11.7	8.0
16 x 25 x 2	15-1/2 x 24-1/2 x 1-3/4	840	1400	1750	.30	.32	12.3	8.4
18 x 20 x 2	17-3/4 x 19-3/4 x 1-3/4	750	1250	1570	.30	.32	10.9	7.8
18 x 24 x 2	17-1/2 x 23-1/2 x 1-3/4	900	1500	1875	.30	.32	13.0	9.3
18 x 25 x 2	17-3/4 x 24-3/4 x 1-3/4	940	1570	1960	.30	.32	13.6	9.7
20 x 20 x 2	19-1/2 x 19-1/2 x 1-3/4	840	1400	1750	.30	.32	11.9	8.3
20 x 24 x 2	19-3/8 x 23-3/8 x 1-3/4	1000	1670	2090	.30	.32	14.2	9.9
20 x 25 x 2	19-1/2 x 24-1/2 x 1-3/4	1050	1750	2170	.30	.32	14.9	10.3
24 x 24 x 2	23-3/8 x 23-3/8 x 1-3/4	1200	2000	2500	.30	.32	17.6	11.7
25 x 25 x 2	24-3/4 x 24-3/4 x 1-3/4	1310	2170	2720	.30	.32	19.4	13.6
12 x 24 x 4	11-3/8 x 23-3/8 x 3-3/4	600	1000	1250	.25	.27	12.4	10.0
14-1/2 x 26-3/4 x 4	14-1/2 x 26-3/4 x 3-3/4	810	1350	1690	.25	.27	20.8	14.3
16 x 20 x 4	15-1/2 x 19-1/2 x 3-3/4	670	1120	1400	.25	.27	14.6	11.5
16 x 25 x 4	15-1/2 x 24-1/2 x 3-3/4	840	1400	1750	.25	.27	18.3	14.3
18 x 24 x 4	17-1/2 x 23-1/2 x 3-3/4	900	1500	1875	.25	.27	19.9	14.9
20 x 20 x 4	19-1/2 x 19-1/2 x 3-3/4	840	1400	1750	.25	.27	18.8	14.6
20 x 24 x 4	19-3/8 x 23-3/8 x 3-3/4	1000	1670	2090	.25	.27	22.4	16.2
20 x 25 x 4	19-1/2 x 24-1/2 x 3-3/4	1050	1750	2170	.25	.27	23.5	18.3
24 x 24 x 4	23-3/8 x 23-3/8 x 3-3/4	1200	2000	2500	.25	.27	26.1	19.9
28-1/2 x 24-1/2 x 4	28-1/2 x 24-1/2 x 3-3/4	1460	2430	3030	.25	.27	32.6	24.9
30 x 28 x 4	30 x 28 x 3-3/4	1750	2920	3650	.25	.27	38.5	31.1
12 x 24 x 6	11-3/8 x 23-3/8 x 5-7/8	600	1000	1250	-	.29	-	16.9
16 x 20 x 6	15-1/2 x 19-1/2 x 5-7/8	670	1120	1400	-	.29	-	18.9
16 x 25 x 6	15-1/2 x 24-1/2 x 5-7/8	840	1400	1750	-	.29	-	23.6
18 x 24 x 6	17-3/8 x 23-3/8 x 5-7/8	900	1500	1875	-	.29	-	26.3
20 x 20 x 6	19-1/2 x 19-1/2 x 5-7/8	840	1400	1750	-	.29	-	23.7
20 x 24 x 6	19-3/8 x 23-3/8 x 5-7/8	1000	1670	2090	-	.29	-	28.2
20 x 25 x 6	19-1/2 x 24-1/2 x 5-7/8	1050	1750	2170	-	.29	-	29.5
24 x 24 x 6	23-3/8 x 23-3/8 x 5-7/8	1200	2000	2500	-	.29	-	33.8

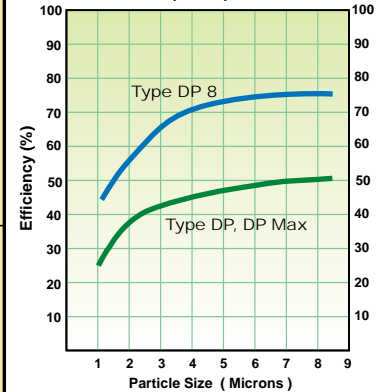
Type DP/DP 8 Filters



DP Max Filters



Efficiency by Particle Size (Clean)



- Rated Efficiency: Type DP/DP Max 25-30%, MERV-6. DP 8 30-35%, MERV-8. Arrestance: 90-93%. All performance data is based on the ASHRAE 52.1 and 52.2 Test Standards.
- Filters may be installed with the pleats either vertical (preferred) or horizontal.
- 6" deep sizes are available in DP Max models only.

Underwriters Laboratories, Inc. Classification: Type DP, DP Max and DP 8 filters are classified U.L. Class 2 per U.L. Standard 900.

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

Pleat Count -	1"	2"	4"	6"
(Pleats per foot)				
Type DP, DP 8 -	14.0	14.3	10.8	-
DP Max -	12.3	10.0	8.2	9.2



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