



The **DELTA P™ (DPM7)** disposable panel air filter is designed to withstand the demands of tough industrial and commercial applications. This filter's durability is assured by utilizing construction features not found in traditional designs.

Frame – The **DPM7** frame is produced using post consumer materials. The unique Monobond concept involves a one piece frame sealed to the media under heat and pressure. This construction feature produces a continuous bond of media to board around the periphery of the frame, eliminating weak corners and air bypass. The use of a high tensile strength binder increases the integrity of the seal, allowing the filter to withstand varying temperatures and humidity levels.

When compared to traditional designs, the filter's notched frame corners allow units to interlock, providing up to 33% savings on warehouse space and freight costs.

Media – The **DPM7** is manufactured with superior grade fiberglass media to guarantee full depth loading and high dust holding capacity. A computer controlled manufacturing process assures a uniform gradient density pattern in the media.

To enhance filtration capability and prevent migration of finer particles, the filter media has a skin backing and is evenly coated with a gelled adhesive on the downstream side.

The elimination of a metal backing on this filter also eliminates sharp edges, making for safe installation and easy disposal. The **DPM7** is highly recommended for installations as a stand alone filter, or to replace various other types of prefilters.

Testing conducted in accordance with ASHRAE 52.2 Test Standard. Classified Class 2 by Underwriters Laboratories, Inc.

Model DPM7

Industrial Strength, 1" & 2" Disposable Panel Filters
Pinch Frame Construction



Pinch Frame Design



Notched Frame Design

- **MERV 7 RATED**
- **1" and 2" sizes**
- **Fiberglass media**
- **Safe, easy, fast installation**
- **Uniform gradient density media with skin backing**
- **Downstream tackifier**
- **High dust holding capacity**
- **Larger effective filtering surface area**
- **Lower pressure drop**
- **Heat sealed bond prevents air bypass**
- **Increased filter integrity**
- **Pliable for "hard to service" applications**
- **Frame is composed of recycled material**
- **Interlocking tab frame corners**
- **Classified Class 2 by Underwriters Laboratories, Inc.**

Model DPM7

Industrial Strength, 1" & 2" Disposable Panel Filters, Pinch Frame Construction

Series in Inches	Nominal Size Inches (WxH)	Air Flow Capacity (CFM) @300 FPM
MERV 7		
1	8x16	265
	8x30	500
	10x10	210
	10x16	335
	10x20	420
	10x24	500
	10x25	520
	10x30	625
	12x12	300
	12x16	400
	12x18	450
	12x20	500
	12x24	600
	12x25	625
	12x27	675
	12x30	750
	14x14	410
	14x20	585
	14x24	700
	14x25	730
	14x30	875
	15x20	625
	15x25	780
	15x30	940
	15x30 ⁵ / ₈	955
	16x16	535
	16x20	670
	16x24	800
	16x25	835
	16x30	1000
	18x18	675
	18x20	750
18x24	900	
18x25	940	
18x30	1125	
19x27	1070	
20x20	835	
20x22 ¹ / ₄	930	
20x24	1000	
20x25	1040	
20x30	1250	
22x22	1010	
24x24	1200	
24x30	1500	
25x25	1300	

Series in Inches	Nominal Size Inches (WxH)	Air Flow Capacity (CFM) @300 FPM
MERV 7		
2	12x24	600
	14x20	585
	14x25	730
	15x20	625
	16x20	670
	16x24	800
	16x25	835
	18x24	900
	20x20	835
	20x24	1000
	20x25	1040
24x24	1200	

1. **Delta P DPM7** filters are rated MERV 7 per ASHRAE 52.2 Test Standard.
2. Rated Initial Resistance @300 FPM: 1" - .11" W.G.; 2" - .13" W.G.
3. Recommended Final Resistance: 1" - .50" W.G.; 2" - 1.0" W.G.
4. **Delta P DPM7** filters are packaged 12 per carton.
5. **Delta P DPM7** filters are classified U.L. Standard 900.
6. Special size filters are available.

P-DPM7-207



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