

MIST-DEFIER™

High Moisture Pleated Panel Filters
Specifically designed for use in high moisture conditions.



*Innovative
Clean Air
Solutions*

- 100% synthetic, moisture resistant media
- Moisture resistant beverage board frame
- Two piece frame construction
- Water repellent adhesive
- Expanded metal backing
- Pleat stabilizer fingers (4" sizes)

Moisture Resistant Media

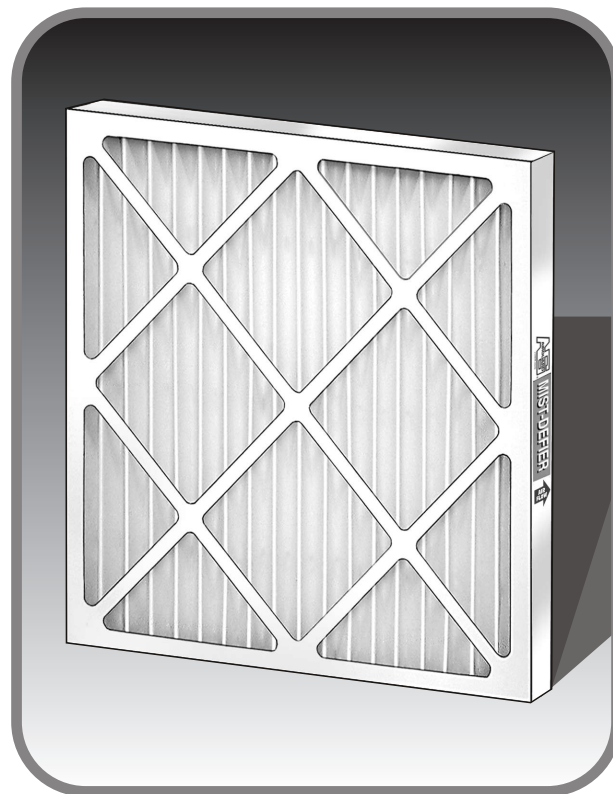
Mist-Defier filters are made with a 100% synthetic media that is highly resistant to moisture. They are designed for use in sea coast installations, rooftop units or other applications where the filters are exposed to sensible moisture.

Consistent Pleat Shape

The inherent strength and stiffness of Mist-Defier media results in totally consistent pleat shape, pleat spacing and pleat height. Uniform pleat shape and spacing produce optimum performance, including uniform dirt loading, high dust holding capacity and long service life.

Moisture Resistant Beverage Board Frame

Heavy duty beverage board frame stands up to rough handling, difficult service conditions and long service life.



Standard Sizes		
Nominal Size	Actual Size	
12 x 24 x 2	11-3/8 x 23-3/8	x 1-3/4
16 x 20 x 2	15-1/2 x 19-1/2	x 1-3/4
16 x 25 x 2	15-1/2 x 24-1/2	x 1-3/4
20 x 20 x 2	19-1/2 x 19-1/2	x 1-3/4
20 x 25 x 2	19-1/2 x 24-1/2	x 1-3/4
24 x 24 x 2	23-3/8 x 23-3/8	x 1-3/4
12 x 24 x 4	11-3/8 x 23-3/8	x 3-3/4
16 x 20 x 4	15-1/2 x 19-1/2	x 3-3/4
16 x 25 x 4	15-1/2 x 24-1/2	x 3-3/4
20 x 20 x 4	19-1/2 x 19-1/2	x 3-3/4
20 x 25 x 4	19-1/2 x 24-1/2	x 3-3/4
24 x 24 x 4	23-3/8 x 23-3/8	x 3-3/4
Performance Data	2"	4"
MERV Rating	7	7
Initial Resistance (In. W.G.)		
@300 FPM10"	.09"
@500 FPM25"	.23"
Recommended		
Final Resistance (In. W.G.)...	1.0"	1.0"

Two Piece Frame Construction

Double wall thickness around the outer edge and integral die cut cross members on both sides provide strength and rigidity. Mist-Defier filters will stand up in difficult 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 filters hold together even when wet. No delaminating, no excessive buckling, no collapsing.

Galvanized Steel Metal Backing

The media is reinforced with a galvanized steel expanded metal backing for additional media pack support when wet.



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