



Mist-Defier™

High Moisture Pleated Panel Filters



Specifically designed for use in high moisture conditions.

- 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.

Performance Data	2"	4"
MERV Rating	7	7
Initial Resistance (In. W.G.)		
@300 FPM....	.10"	.09"
@500 FPM....	.25"	.23"
Recommended		
Final Resistance (In. W.G.)...	1.0"	1.0"

STANDARD SIZES

Nominal	Actual Size
12x24x2	11-3/8 x 23-3/8 x 1-3/4
16x20x2	15-1/2 x 19-1/2 x 1-3/4
16x25x2	15-1/2 x 24-1/2 x 1-3/4
20x20x2	19-1/2 x 19-1/2 x 1-3/4
20x25x2	19-1/2 x 24-1/2 x 1-3/4
24x24x2	23-3/8 x 23-3/8 x 1-3/4
12x24x4	11-3/8 x 23-3/8 x 3-3/4
16x20x4	15-1/2 x 19-1/2 x 3-3/4
16x25x4	15-1/2 x 24-1/2 x 3-3/4
20x20x4	19-1/2 x 19-1/2 x 3-3/4
20x25x4	19-1/2 x 24-1/2 x 3-3/4
24x24x4	23-3/8 x 23-3/8 x 3-3/4

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 the 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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