



VGP-MERV 11

Here are key features & benefits of these filters:

FEATURES:

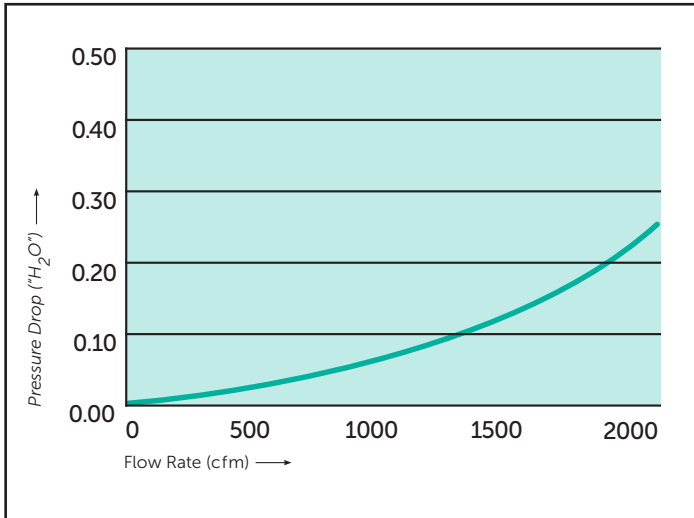
- 1. Efficiency:**
Rated MERV 11, these filters provide medium efficiency, capturing a significant amount of airborne particles.
- 2. Extended Service Life:**
Designed to offer prolonged service life, minimizing the need for frequent replacements.
- 3. Mechanically Supported Media:**
The wire-supported mechanical media ensures durability and consistent performance.
- 4. Moisture Resistance:**
Equipped with a moisture-resistant beverage board frame, these filters are suitable for environments with varying humidity levels.
- 5. Size Options:**
Available in 1", 2", and 4" thicknesses to accommodate different HVAC system requirements.
- 6. Temperature Tolerance:**
Can operate at temperatures up to 180°F.

**ZEPHYR MERV 11
PLEATED AIR FILTERS
ARE DESIGNED TO
OFFER ENHANCED
AIR QUALITY AND
FILTRATION EFFICIENCY
IN VARIOUS
SETTINGS.**

Zephyr VGP Series Performance Data

Filter Depth	Air Velocity	Initial Resistance (inches w.g.)	Final Resistance (inches w.g.)	Pleats Per Linear Foot
1"	300 FPM	0.16	1.0	17
2"	500 FPM	0.25	1.0	14
4"	500 FPM	0.20	1.0	12

Pressure Drop vs. Velocity



PERFORMANCE:

High Efficiency and Dust Holding Capacity:

Designed for high dust holding capacity and low pressure drop, making them more efficient than standard pleated filters.

Extended Surface Design:

The extended surface area enhances the filter's ability to trap more particles, improving indoor air quality.

APPLICATIONS:

Zephyr MERV 11 filters are ideal for environments that demand higher indoor air quality, including:

- Schools
- Hotels
- Commercial Office Buildings
- Hospitals
- Pharmaceutical Plants
- Laboratories

These filters are particularly beneficial in applications where pressure drop is a critical factor in determining the filter change-out schedule, ensuring both performance and efficiency.

Nominal Depth	Normal Size	Actual Width	Actual Height	Actual Depth	Air Flow @ Capacity (CFM)
One Inch	10x10x1	9.38	9.375	0.75	208
	10x20x1	9.50	19.500		417
	10x25x1	9.50	24.500		520
	12x12x1	11.38	11.375		300
	12x20x1	11.50	19.500		500
	12x24x1	11.38	23.375		600
	12x25x1	11.50	24.500		625
	14x20x1	13.38	19.375		583
	14x25x1	13.50	24.500		729
	15x20x1	9.50	9.500		625
	15x25x1	9.50	9.500		781
	16x16x1	15.38	15.375		533
	16x20x1	15.50	15.500		667
	16x24x1	17.50	23.375		800
	16x25x1	17.38	24.500		833
	18x18x1	17.38	17.500		675
	18x20x1	17.50	19.375		750
	18x24x1	19.50	23.375		900
	18x25x1	19.38	23.500		938
	20x20x1	19.38	19.500		833
	20x24x1	19.38	23.375		1000
	20x25x1	19.50	24.500		1042
	22x22x1	21.50	21.500		1008
	24x24x1	22.36	23.375		1200
Two Inch	10x20x2	9.38	9.375	1.75	700
	12x24x2	11.38	23.375		1000
	14x20x2	13.38	19.375		975
	14x25x2	13.50	24.500		1220
	15x20x2	14.50	19.500		1040
	16x20x2	15.50	19.500		1110
	16x24x2	15.38	23.375		1335
	16x25x2	15.50	24.500		1390
	18x18x2	17.50	17.500		1125
	18x20x2	17.50	19.500		1250
	18x24x2	17.38	23.375		1500
	18x25x2	17.38	23.375		1565
	20x20x2	19.50	19.500		1390
	20x24x2	19.38	23.375		1670
	20x25x2	19.50	24.500		1740
	24x24x2	23.38	23.375		2000
Four Inch	12x24x4	11.38	23.375	3.75	1000
	16x20x4	11.38	23.380		1110
	16x25x4	15.38	23.375		1390
	18x24x4	17.38	23.375		1500
	20x20x4	19.50	19.500		1390
	20x24x4	19.38	23.375		1670
	20x25x4	19.38	24.375		1740
	24x24x4	23.38	23.375		2000