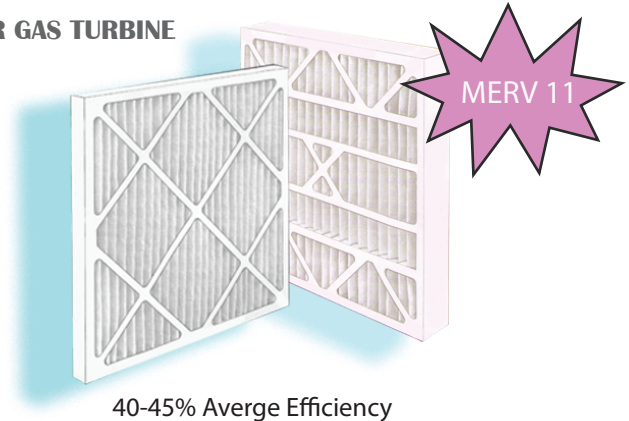


# MAXTROGUARD II

ELECTROSTATICALLY - CHARGED PLEATED AIR FILTER FOR GAS TURBINE

- Electrostatically Enhanced Media
- Higher Efficiency
- Low Pressure Drop
- 100% Synthetic media
- High Dust Loading Capacity
- Exceeds ASHRAE Standard 62.1 air cleaning specifications for filters installed upstream Cooling coil



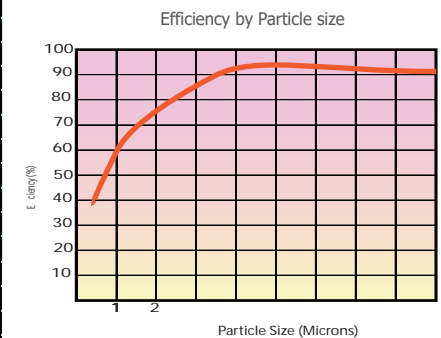
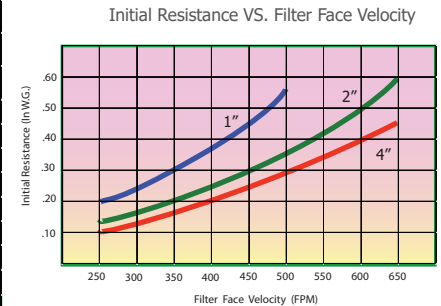
MaxTROGUARD by Airmax is designed using electrostatic filter media utilizes the electrostatic deposition mechanism works in 2ways :Coulombic Forces and Dielectrophoretic Forces and is effective acquired particle ranging from 0.05 um to5 um Hence Maxtrogard can be very effective in fine filtration while maintaining lower resistance and higher dust loading capacity.

Unlike other Pre Filter, MAXTROGUARD is maded impregnating high voltage which supercharges the fibers throughout the entire dipth of the media. Therefore it achieved MERV11 as per ASHRAE 52.2 standard; other filters fall short. 1", 2" and 4" depth id available. The 4" deep filter are equipped with finger support for both sides so it is ideally for GasTurbine Air inlet filter application.

## Technical Data

Model No.	Size WxHxD (Inc.)	Actual Size	Media Area Sq.Ft.	Air Flow/Initial Resistance@500FPM	
		WxHxD (Inc.) WxHxD (mm.)		CFM/WG.	CMM/Pa
105	24 x 24 x 1	23-3/8 x 23-3/8 x 3/4 594 x 594 x 22	9.0	2000/0.54	56.6/135
110	12 x 24 x 1	11-3/8 x 23-3/8 x 3/4 289 x 594 x 22	4.6	1000/0.54	28.3/135
102	16 x 25 x 1	15-1/2 x 24-1/2 x 3/4 394 x 622 x 22	6.0	1400/0.54	39.6/135
104	20 x 25 x 1	19-1/2 x 24-1/2 x 3/4 495 x 622 x 22	7.5	1750/0.54	49.6/135
205	24 x 24 x 2	23-3/8 x 23-3/8 x 1-3/4 594 x 594 x 44	17.6	2000/0.38	56.6/95
210	12 x 24 x 2	11-3/8 x 23-3/8 x 1-3/4 289 x 594 x 44	8.3	1000/0.38	28.3/95
203	20 x 20 x 2	19-1/2 x 19-1/2 x 1-3/4 495 x 495 x 44	12.2	1400/0.38	39.6/95
211	20 x 24 x 2	19-1/2 x 23-3/8 x 1-3/4 495 x 594 x 44	14.7	1670/0.38	47.3/95
201	16 x 20 x 2	15-1/2 x 19-1/2 x 1-3/4 394 x 495 x 44	10.1	1120/0.38	31.73/95
216	16 x 24 x 2	15-1/2 x 23-3/8 x 1-3/4 394 x 594 x 44	11.8	1340/0.38	37.9/95
204	20 x 25 x 2	19-1/2 x 24-1/2 x 1-3/4 495 x 622 x 44	15.3	1750/0.38	49.6/95
405	24 x 24 x 4	23-3/8 x 23-3/8 x 3-3/4 594 x 594 x 95	27.6	2000/0.30	56.6/75
410	12 x 24 x 4	11-3/8 x 23-3/8 x 3-3/4 289 x 594 x 95	14.4	1000/0.30	28.3/75
404	20 x 25 x 4	19-1/2 x 24-1/2 x 3-3/4 495 x 622 x 95	23.5	1750/0.30	49.6/75
412	18 x 24 x 4	17-1/2 x 23-3/8 x 3-3/4 445 x 594 x 95	20.4	1500/0.30	42.5/75

\* Custom size available



**How to order.**  
**MG-XXX**  
 \* XXX = Model No.

- Rated Efficiency : 40-45% Average Efficiency MERV 11 , Recommended final resistance is 1.0" W.G. All performance data is based on the ASHRAE 52.1 and 52.2
- Operating Temperature Limit : Maximum operating temperature is 225 F (107 C).

AIRMAX reserves our right to change design and specifications without notice.