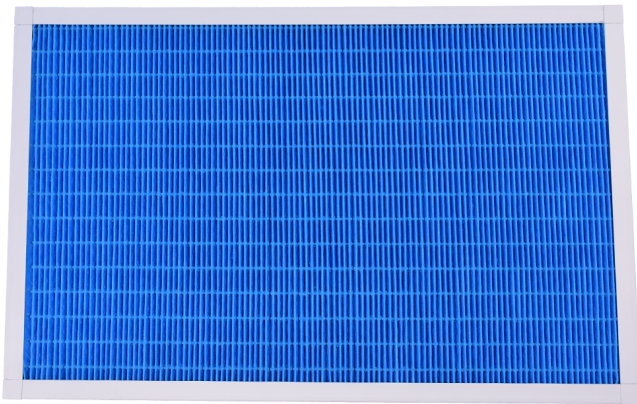


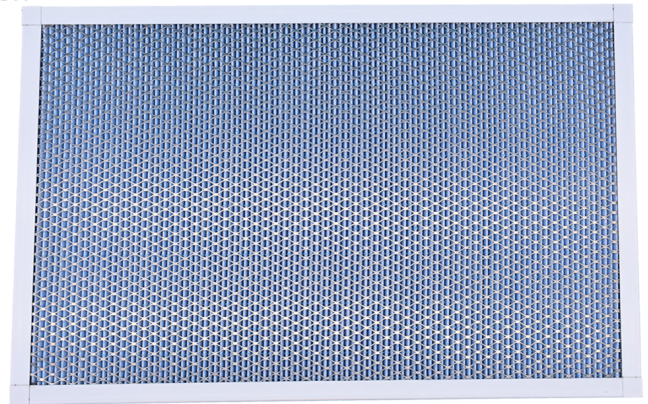
Filter Description

Manufacturer	Filti LLC
Filter Model	MERV 13 Washable
Part Number	HVAC High Performance Washbale MERV 13
Generic Filter Type	Pleated
Nominal Dimensions (H x W x D)	20" x 16" x 1"
Pocket / Pleat Quantity	88 Pleats
Media Type	NP101 HVAC - Polypropylene Composite
Est. Gross Media Area	21.51Ft ²

Front



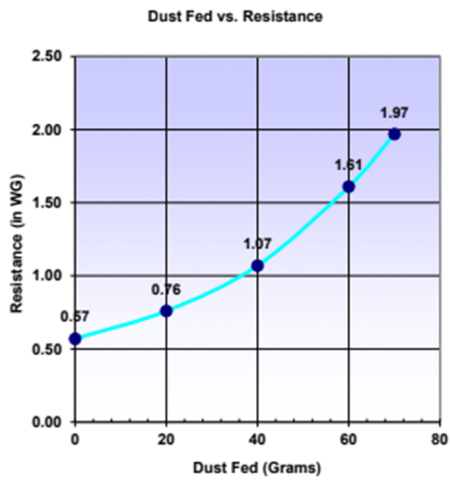
Back



Test Results

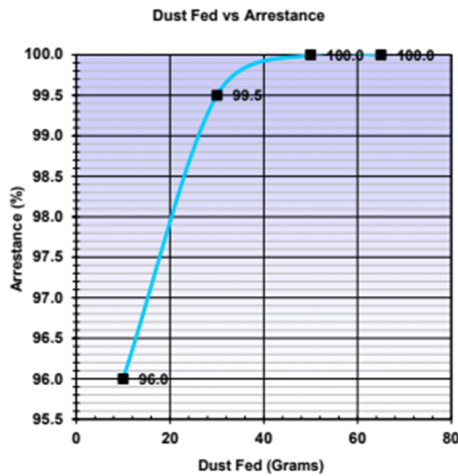
Airflow Rate (CFM)	656
Nominal Face Velocity (fpm)	295
Initial Resistance (in WG)	0.57
Final Resistance (in WG)	1.97
Dust Fed (gms) to Final Resistance	70
Minimum Efficiency Reporting Value (MERV)	MERV 13 @ 656 CFM

Data - Dust Fed / Resistance



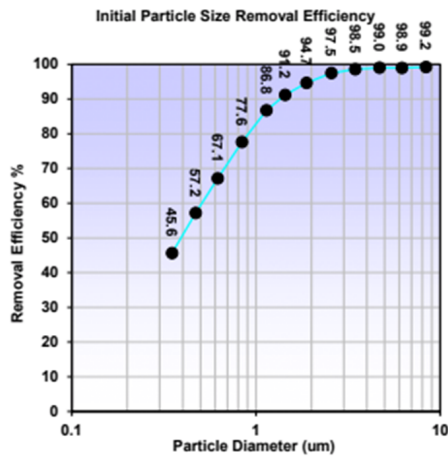
Dust Fed Increments (gms)	Total Dust Fed (gms)	Resistance (in WG)
0	0	0.57
20	20	0.76
20	40	1.07
20	60	1.61
10	70	1.97

Data - Dust Fed / Arrestance



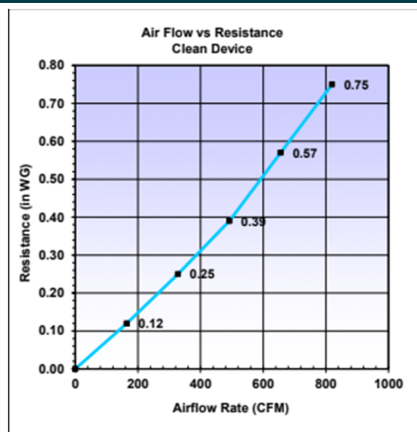
Incremental Arrestance (%)	Dust Fed Plot Point (gms)
96	10
99.5	30
100	50
100	65

Data - Particle Removal Efficiency



Particle Size Range (um)	Geometric Mean Diam (um)	Initial Particle Removal Efficiency (%)
0.30-0.40	0.35	45.6
0.40-0.55	0.47	57.2
0.55-0.70	0.62	67.1
0.70-1.00	0.84	77.6
1.00-1.30	1.14	86.8
1.30-1.60	1.44	91.2
1.60-2.20	1.88	94.7
2.20-3.00	2.57	97.5
3.00-4.00	3.46	98.5
4.00-5.50	4.69	99.0
5.50-7.00	6.20	98.9
7.00-10.00	8.37	99.2

Data - Resistance (Clean Device)



Airflow (CFM)	Resistance (in WG)
0	0.00
164	0.12
328	0.25
492	0.39
656	0.57
820	0.75