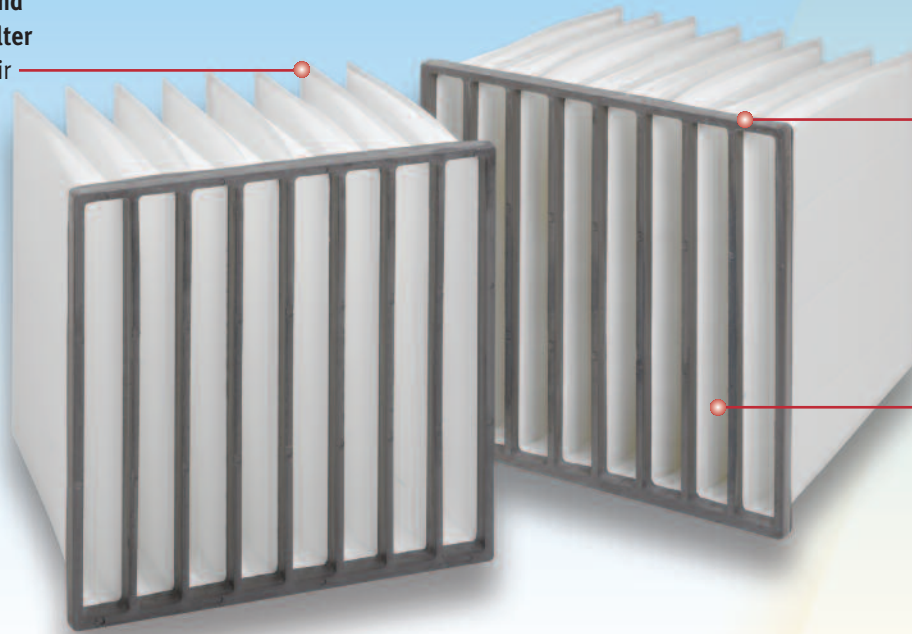


PTM AND PTL RIGID POCKET FILTERS



Aerodynamic, tubular pocket spacers and wedge-shaped filter design channel air



Leak-free, welded pockets and corrosion proof, injection molded, high impact polyurethane header promote a high burst strength

100% thermally bonded synthetic media with added tackifier throughout the media depth retains captured particulate

- ▶ **Excellent Filter to Withstand Extreme Environments** of high humidity, turbulence, and high air velocities.
- ▶ **Filtrair Develops and Manufactures Its Own Synthetic Media** in addition to the finished filter.
- ▶ **Aerodynamic, Tubular Pocket Spacers and Wedge-Shaped Filter Design** channel the air for particulate loading throughout the depth of the pocket and minimum air flow resistance.
- ▶ **Self-Supporting Pockets** stay rigid in turbulent airstreams and during turbine shutdown.
- ▶ **Low Pressure Drop Design** provides increased power output.
- ▶ **Leak-Free, Welded Pockets** and corrosion proof, injection molded, high impact polyurethane header combine to give the filter a burst strength greater than 25" W.G. when tested dry and with free-running moisture.
- ▶ **Progressive, Depth-Loading Media** for maximum media usage and filter life.
- ▶ **100% Thermally Bonded Synthetic Media** with added tackifier throughout the media depth to retain captured particulate.



PTM AND PTL RIGID POCKET FILTERS

PTM AND PTL RIGID POCKET FILTER TECHNICAL DATA

Sizes	Units	1/1	PTM 5/6	1/2	1/1	PTL 5/6	1/2
Standard Holding Frame	in	24 x 24	20 x 24	12 x 24	24 x 24	20 x 24	12 x 24
Pocket Depth	in	20	20	20	24	24	24
Number of Pockets	—	8	6	4	8	6	4
Weight	lb	7.0	5.3	3.5	7.3	5.5	3.8
Header Size	in	23.43 x 23.43	19.41 x 23.43	11.38 x 23.43	23.43 x 23.43	19.43 x 23.43	11.38 x 23.43

Performance	Unit	PTM 1/1 Value	PTL 1/1 Value
Rated Air Flow	cfm	2000	2000
Media Area	ft ²	51	60
Initial Resistance*	"w.g.	0.24	0.16
Final Resistance*	"w.g.	1.5	1.5
MERV*	—	8	8
DHC @ 1.5" w.g. Final Resistance*	g	800	1000
DHC @ 1.8" w.g. Final Resistance SAE Fine Test Dust	g	3150	4000
Initial Resistance @ 2500 cfm*	"w.g.	0.34	0.22
Temperature Resistance	°F	160	160
Short Peaks	°F	200	200
Burst Strength	"w.g.	> 25	> 25

* Test performed according to ASHRAE Test Standard 52.2-1999

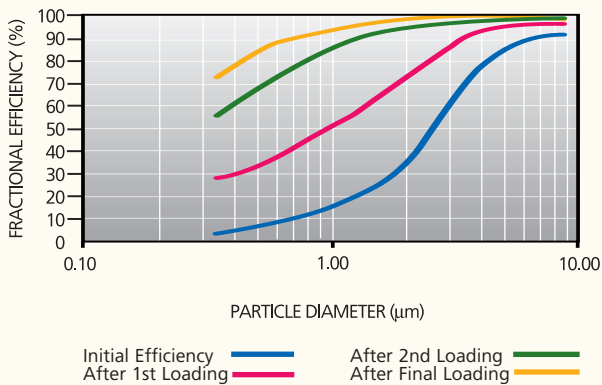


Aerodynamic pocket separators for uniform air flow and maximum media usage.

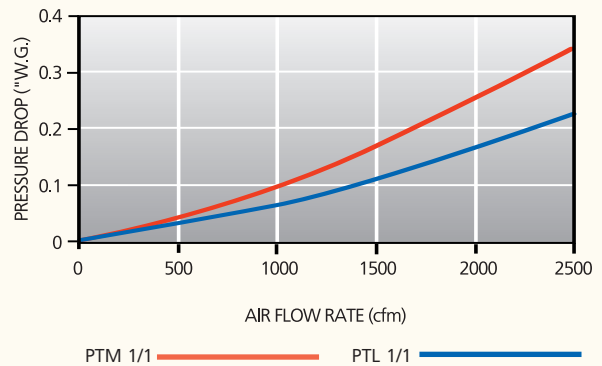


Filtrair pocket filters remain rigid during repetitive fan shut downs to prevent captured particle migration.

FRACTIONAL EFFICIENCY vs PARTICLE DIAMETER (PTL 1/1) (2000 cfm)



PRESSURE DROP vs AIR FLOW RATE



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