

Gas Turbine Cross-Flow Filter Cartridges

Description

Menardi / Pneumafil Pnuma-Pulse™ Cross-Flow filter cartridges are specially designed for pulse-type gas turbine air inlet systems. They are available in either tripod support or twist-lock mount designs. Filter media choices include 100% cellulose, cellulose/polyester blend (coated or non-coated), and 100% synthetic.

Construction

Dimensions: 12 3/4" x 34", 26", or 22" L

Liners: Galvanized expanded metal.

Media: Pleated with pleat spacer dimpling; pleat tips are bonded to inner and outer liners for stability.

End caps: Galvanized metal with media pleat pack fully encapsulated in potting compound.

Gasket: Molded Isoprene.



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Media Specifications				
	100% Cellulose	80% Cellulose 20% Polyester	100% Synthetic	
Basis weight lb/3,000 ft ² (g/m ²)	78 (126)	80 (130)	70 (114)	
Caliper overall in (mm)	0.030 (0.76)	0.027 (0.69)	0.026 (0.66)	
Corrugation depth in (mm)	0.015 (0.38)	0.017 (0.43)	0.007 (0.17)	
Frazier permeability	CFM/ft ² at 0.5 in H ₂ O l/sec/m ² at 20mm H ₂ O	15 (112)	14 (112)	20 (158)
Mullen burst dry psi (kPa)	50 (344)	50 (344)	70 (483)	
Temperature limit °F (°C)	200 (93)	200 (93)	275 (135)	
Performance Data				
Avg. atmospheric dust spot efficiency %	94.0	95.0	97.0	
Avg. AC fine dust weight arrestance %	100	100	100	
Dust spot @ 1 in. WG%	90.0	92.0	94.0	
Dust spot @ 2 in. WG%	97.0	97.5	98.6	
Dust spot @ 3 in. WG%	98.5	99.8	99.5	