

Description

Designed specifically for gas turbine inlet air systems. This pulsed gas turbine inlet filter provides MERV 16 ratings using a cellulose and polyester blended filter with nanofiber.

The data provided is nominal and provided for information purposes only. This data is not to be construed as manufacturing specifications and is subject to change. Gas Turbine Inlet filtration requirements can vary greatly by region, climate, system design, philosophy of operation, and other variables. It is recommended all applications be discussed with EFS prior to purchase, to ensure the correct product is provided.



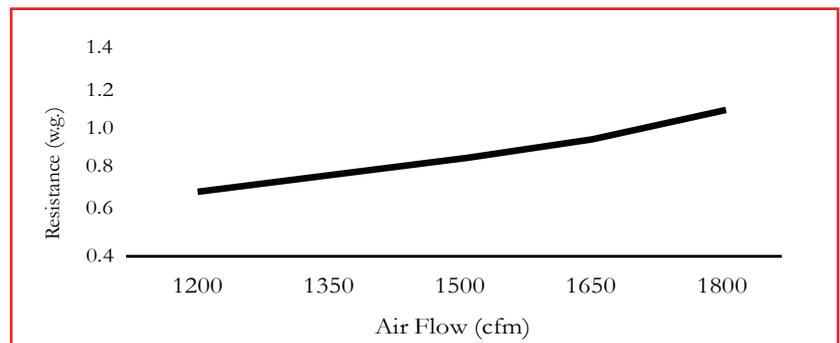
Filter Construction		Cylindrical	Conical
Dimensions	Height/OD/ID	26" x 12.75" OD	26" x 12.75" OD x 17.50" OD
Filter Media	Area	230 ft ² (21.38 m ²)	270 ft ² (25.10 m ²)
	Description	NC105 - cellulose/polyester blended w/nanofiber	
Outer & Inner Liners		G60 Galvanized Expanded Steel (Optional G90, Or St. Steel)	
End Caps		Open/Closed G90 (Optional G90, Or St. Steel)	Open/Open G90 (Optional G90, Or St. Steel)
Gasket		Expanded Neoprene Blended Rubber per ASTM D1056-2C2	

Filter Performance (Cylindrical & Conical as a Pair)

Filtration Rating	E11 (> 85% Efficient @ 0.4 μm)	EN1822
	MERV 16+	ASHRAE 52.2 - 2017
Dust Holding Capacity	> 1200g at final resistance of 4.00" H2O - ASHRAE 52.2 - 2017	
Burst Strength	Breach Test > 25.0" H2O Final Resistance	

Air Flow vs Resistance (Clean Device) per EN779- 2012/ASHRAE 52.2 - 2017

	Airflow (cfm)	Resistance (w.g.)
New Filter Initial Resistance	@ 1200 cfm	0.68"
	@ 1350 cfm	0.75"
	@ 1500 cfm	0.84"
	@ 1650 cfm	0.93"
	@ 1800 cfm	1.08"



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