

# SonicFlow XL

COMPACT AIR FILTER FOR GAS TURBINES AND AIR COOLED GENERATORS

Providing the maximum protection from the finest dust, Sonic Flow final air filters have been selected by turbine operators across the world.

- Improves Efficiency & Fuel Savings
- Ultra High Efficiency ASHRAE Media
- Maximum Dust-holding Capacity for Extended Life
- Rugged, High Burst Pressure Design

## FILTER MEDIA

- High efficiency ASHRAE tested media maximizes turbine output by removing microscopic particles which can foul stators and other vital turbine components.
- Strong reinforced glass fiber media guarantees reliable filtration, even under high velocity and turbulent operating conditions, with no media shedding.
- A highly permeable filter media that operates at low pressure drops resulting in improved turbine performance and fuel efficiency.
- The SonicFlow™ media features a graded pore structure, which maximizes dust-holding capacity and extends the time between filter changes, even under high dirt loading conditions.
- The SonicFlow™ media is fully potted to the frame creating a strong, high burst pressure design capable of operating under the most severe flow conditions.

## FILTER CONSTRUCTION

- The filter frame is a 100% polymeric and lightweight design that's totally corrosion resistant and disposable by incineration.
- The pre-mounted, seamless gasket creates a positive seal for superior leak prevention.



Characteristics	
Filter Media	Glass fiber
Frame Material	Ultra-violet and heat resistant plastic construction
Maximum Continuous Operating Temperature	176°F (80°C)





## Technical Specifications

Grade (ASHRAE 52.2)	Dimensions (nominal)			Clean Pressure Drop @2000SCFM (3400m <sup>3</sup> /h)	Clean Pressure Drop @2500SCFM (4250m <sup>3</sup> /h)	Average Efficiency	Grade (EN779)	Recommended Final Pressure Drop
	Length	Width	Depth					
MERV 12	24" 592mm	24" 592mm	12" 292mm	0.25" WC (62Pa)	0.38" WC (95Pa)	73%	F6	2.5" WC (620Pa)
MERV 13	24" 592mm	24" 592mm	12" 292mm	0.30" WC (75Pa)	0.45" WC (110Pa)	89%	F7	2.5" WC (620Pa)
MERV 14	24" 592mm	24" 592mm	12" 292mm	0.35" WC (85Pa)	0.50" WC (125Pa)	95%	F8	2.5" WC (620Pa)
MERV 15	24" 592mm	24" 592mm	12" 292mm	0.46" WC (115Pa)	0.63" WC (155Pa)	>95%	F9	2.5" WC (620Pa)

Based in Charlotte, North Carolina, SPX Corporation (NYSE: SPW) is a global Fortune 500 multi-industry manufacturing leader.

For more information, please visit [www.spx.com](http://www.spx.com)



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