

# SonicFlow HP

HIGH EFFICIENCY AIR FILTERS FOR GAS TURBINES AND ROTATING MACHINERY

Providing the maximum protection from the finest dust, SONICFLOW HP™ air filters have been selected by rotating machine operators across the world.

- Improves efficiency and fuel savings
- Ultra high efficiency media
- Maximum dust-holding capacity for extended life
- Rugged, high burst pressure design

## Filter Media

High efficiency 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 HP™ media features a graded pore structure, which maximizes dust-holding capacity and extends the time between filter changes, even under high dirt loading conditions.



Characteristics	
Filter Media	Glass fiber
Frame Material	Ultra-violet and heat resistant plastic construction
Maximum Continuous Operating Temperature	160°F (70°C)

The filter frame is a 100% polymeric and lightweight design that's totally corrosion resistant and disposable by incineration.

The SONICFLOW HP™ media is fully potted to the frame creating a strong, high burst pressure design capable of operating under the most severe flow conditions.

The pre-mounted, seamless gasket creates a positive seal for superior leak prevention.



## Filter Media

Grade (EN1822)	Dimensions (nominal)			Clean Pressure Drop @2000SCFM (3400m <sup>3</sup> /h)	Media Sqft	Efficiency at MPPS	Recommended Final Pressure Drop
	Length	Width	Depth				
H10	24"	24"	12"	0.68" WC	205	85%	2.5" WC
H11	24"	24"	12"	0.80" WC	205	95%	2.5" WC
H12	24"	24"	12"	0.96" WC	205	99.5%	2.5" WC
H13	24"	24"	12"	1.12" WC	205	99.95%	2.5" WC

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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