

# HydroVee XL & HXL

## Performance Enhancement for Gas Turbines

| Advanced-Technology Fine and (H)EPA Filters

### Barrier Fine/(H)EPA

#### Description

Purpose-built as a secondary filter for gas turbines, diesel engines and other rotating equipment protection applications, HydroVee XL (12" deep) & HXL (17" deep) filters are designed to offer substantial advantages and highly effective filtration, even in the harshest possible conditions. Fully sealed against air leaks and particle penetration, HydroVee filters provide thorough protection in a robust and durable platform.

#### Benefits

##### Low pressure drop

Protection doesn't come at the expense of performance.

##### High efficiency

Rated MERV 14 / F8 – E12.

##### Sealed media

Durable seals on both sides offer leakproof protection that keeps particulate in the filter, not in your equipment.

##### Durable construction

Media is moisture and oil resistant, while the plastic frame is corrosion-proof. Plastic protection screens on the downstream side of the filter provide increased stability and deliver burst protection that exceeds industry standards.

##### Leak-free seal

The seamless, foam-in-place gasket on the HydroVee eliminates particulate bypass around the filter frame.

##### Tested and proven

Tested to both North American ASHRAE 52-2007, European EN-779 and EN1822 Test Protocols.

##### Large media surface

XL version (194 square feet / 18 square meters) and HXL version (302 square feet / 28 square meters) provide filtration protection and particulate capacity.

##### Moisture resistance

100% relative humidity protection. Vertical pleats provide moisture drainage.

##### Easy disposal

Landfill safe and 100% incinerable.

##### Temperature tolerant

Rated to a maximum temperature of 176°F (80°C).



1 | **Reduced Lifecycle Cost**

2 | **Low Pressure Drop**

3 | **Improved Engine Protection**

#### Product features

- Sustained, high particle-collection efficiency for maximum engine protection
- Moisture- and oil-repellent media for long product life in high-moisture and heavy-hydrocarbon environments
- Corrosion-proof construction
- Protection screens for increased filter media stability and high burst pressure

#### Applications

- Coastal or high-moisture applications
- Urban and industrial applications



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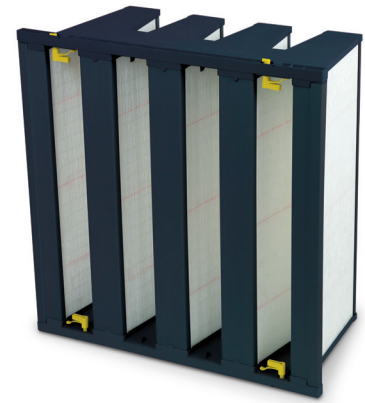


GAS TURBINE  
DIVISION

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## Performance Specification Data

Efficiency	XL 98 - MERV 15 / F9 XL 110 - MERV 16 / E10 HXL 98 - MERV 15 / F9 HXL 110 - MERV 16 / E10
Initial Pressure Drop	XL 98 - 0.60" WG / 149 Pa XL 110 - 1.14" WG / 285 Pa HXL 98 - 0.43" WG / 108 Pa HXL 110 - 0.75" WG / 187 Pa (2500 CFM / 4250 m <sup>3</sup> /h)
Recommended Final Resistance	2.55" WG / 635 Pa
Burst Strength	> 25" WG / 6225 Pa

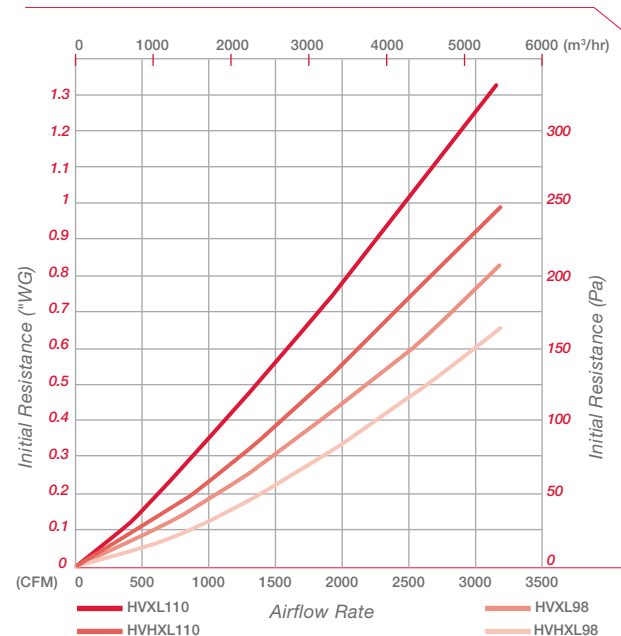
### CONSTRUCTION

Filter Media	Specifically formulated microfiberglass
Frame Material	Plastic
Protection Screen	Plastic
Adhesive	Polyurethane
Gasket	Seamless, foam-in-place

### DIMENSIONS

Width	23.31" (592mm)
Height	23.31" (592mm)
Depth	XL - 11.5" (292mm) HXL - 17.3" (440mm)

### RESISTANCE CURVE



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