

# DuraVee XL & HXL

## Performance Enhancement for Gas Turbines

| Advanced-Technology Fine and (H)EPA Filters

### Barrier Fine/(H)EPA

#### Description

Heavy-duty, halogen-free DuraVee filters were purpose-built for the gas turbine industry, and offer excellent performance in compressors, gas turbines and other machinery in which pulsing or surging may occur. Available in two sizes, standard (11") and HXL (17"), the DuraVee filter line offers large dust-holding capacity that extends replacement intervals without sacrificing protection.

#### Benefits

##### Easy to install

Rigid construction simplifies installation in front-, rear- and side-access systems.

##### Low pressure drop

Protection doesn't come at the expense of performance.

##### Easy cleanup

Fully incinerable for safe, simple disposal.

##### Large surface area

Creates greater filtration and depth loading ability.

##### Stands up to tough conditions

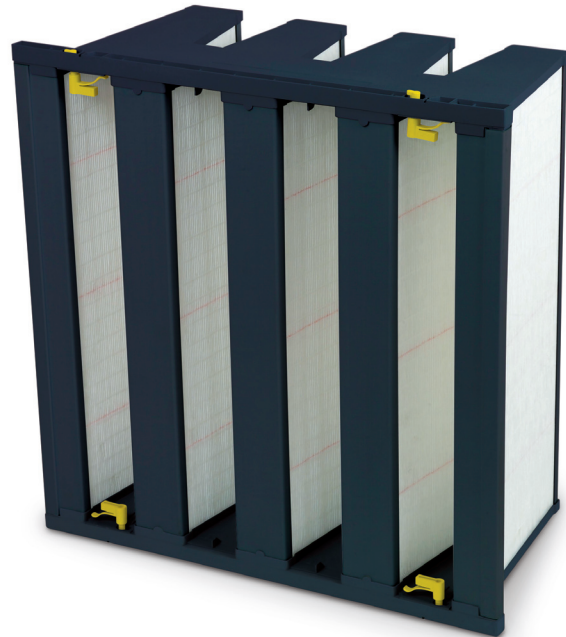
Sturdy polystyrene, glass fiber and ABS construction make DuraVee highly resistant to damage and wear.

##### Smart design

Optimum pleat spacing and hot melt separation promote maximum filter life.

##### 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
- Media packs potted on all sides for a leak-free seal
- Corrosion-proof construction
- Protection screens for increased filter media stability and high burst pressure

#### Applications

- Urban and industrial applications



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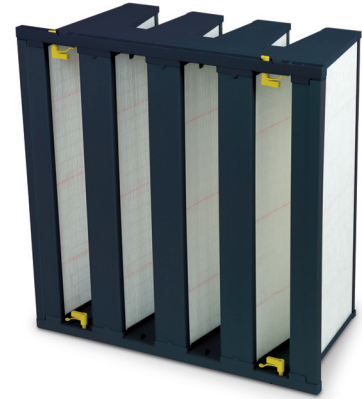


GAS TURBINE SOLUTIONS

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## Performance Specification Data

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

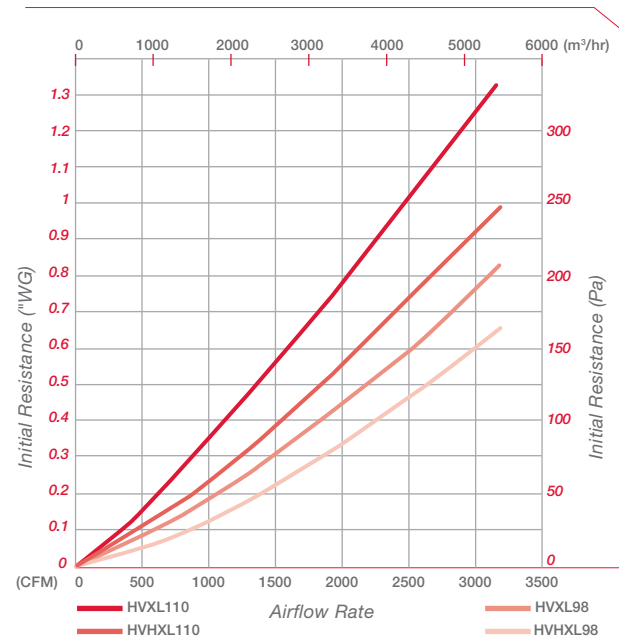
### CONSTRUCTION

|                   |                         |
|-------------------|-------------------------|
| Filter Media      | 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)<br>HXL - 17.3" (440mm) |

### RESISTANCE CURVE



1.855.583.HEPA (4372)  
aafgtsolutions.com

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