



Higher levels of filtration efficiency indicate increased particulate filtration.



Higher levels of watertightness indicate the ability to resist ingress and provide a more stable pressure drop when challenged with water.



### KEY BENEFITS

#### Higher Power Output and Increased Turbine Availability

- Turbo-Tek technology helps optimize power output by eliminating performance-reducing deposits in your compressor section. Their outstanding filtration efficiency reduces power loss while improving fuel economy. Machine availability and reliability are significantly increased as off-line compressor washing frequency is reduced.

#### Reduced Fuel and Maintenance Costs

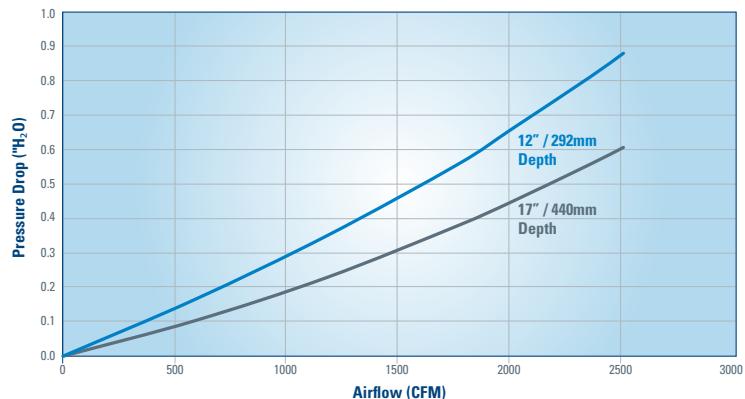
- These high efficiency filter elements significantly reduce maintenance costs while increasing compressor and turbine life. Unlike current air intake filters, they provide increased efficiency which reduces unexpected failures and major outages by preventing fine and corrosive particulate from reaching the compressor blades.

#### Water and Oil Resistant Media

- Fully watertight and water and oil resistant with a vertical pleat orientation that helps promote superior water drainage.

**Important Notice:** Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.

Durable and easy to install, Donaldson panel filters are a high efficiency solution for static filtration. With high dust loading capacity and low initial and operating pressure drop, they help keep operating costs low and reduce maintenance time.



### PERFORMANCE DATA

ISO 16890 Rating	ePM <sub>1</sub> 95%	
EN1822 Rating	E10	
ASHRAE 52.2 Rating	MERV 16	
<b>SPECIFICATIONS</b>	<b>12" / 292mm Depth</b>	<b>17" / 440mm Depth</b>
Filter Area (ft <sup>2</sup> / m <sup>2</sup> )	194 / 18	312 / 29
Initial Efficiency	> 85% @ MPPS	> 85% @ MPPS
Initial DP @ 2,000 cfm (wg / Pa)	0.66 / 164	0.45 / 112
Initial DP @ 2,500 cfm (wg / Pa)	0.88 / 219	0.65 / 163
Rec Final DP (wg / Pa)	2.5 / 625	2.5 / 625
Burst DP (wg / Pa)	25 / 6250	25 / 6250
Filter Depth (in / mm)	12 / 292	17 / 440

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**Donaldson**  
FILTRATION SOLUTIONS

**GAS TURBINE SYSTEMS**