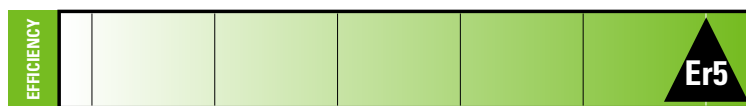
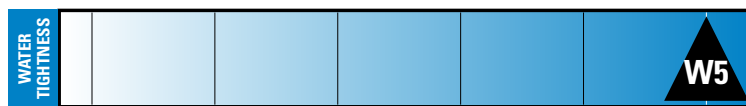


# TURBO-TEK™ Er5 | W5 Minipleat Panel Filter



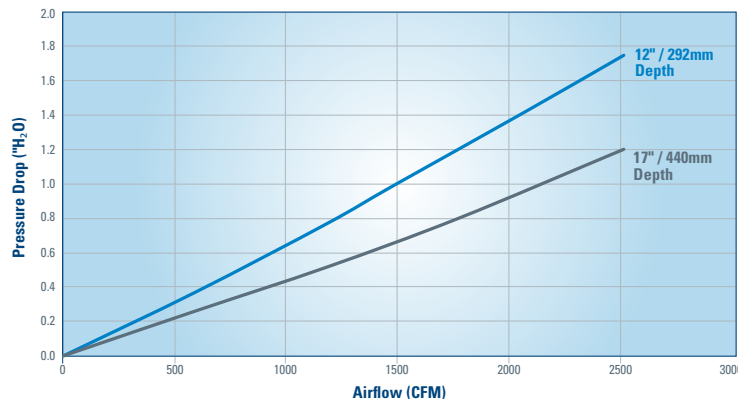
Higher levels of filtration efficiency indicate increased particulate filtration.



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



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.



## 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.

## PERFORMANCE DATA

EN1822 Rating	E12	
ASHRAE 52.2 Rating	MERV 16	
SPECIFICATIONS	12\" / 292mm Depth	17\" / 440mm Depth
Filter Area (ft <sup>2</sup> / m <sup>2</sup> )	194 / 18	312 / 29
Initial Efficiency	>99.5% @ MPPS	>99.5% @ MPPS
Initial DP @2,000 cfm (\"wg / Pa)	1.35 / 337	0.94 / 233
Initial DP @2,500 cfm (\"wg / Pa)	1.76 / 437	1.20 / 300
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

**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.

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**GAS TURBINE SYSTEMS**