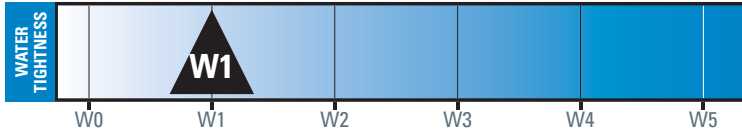


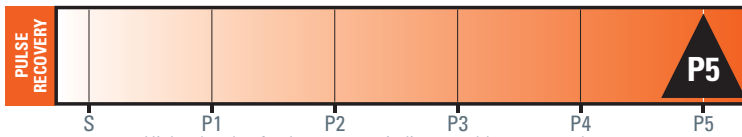
TURBO-TEK™ Er3 | W1 | P5 Synthetic Media



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.



Higher levels of pulse recovery indicate stable pressure drop performance even when faced with challenging dust conditions.

Donaldson's proprietary **Turbo-Tek Er3 | W1 | P5** filter media is durable, moisture and high temperature resistant, as well as pulse cleanable. It delivers superior filtration efficiency, excellent pulse cleaning effectiveness, and low resistance to airflow throughout the life of the filter.



KEY FEATURES

- Uses Donaldson's proprietary synthetic Spider-Web® XP2 media technology
- **Turbo-Tek Er3 | W1 | P5** high filtration efficiency offers superior turbine protection maximizing power output and minimizing maintenance costs
- **Turbo-Tek Er3 | W1 | P5** fine fibers substantially increase the filtration efficiency of the filter while maintaining very low resistance to airflow
- The ability to load dust on the surface of the filter media leads to significant improvements in filtration efficiency and allows for excellent pulse cleaning effectiveness
- Donaldson's proprietary Pleatloc™ design ensures uniform pleat spacing and contributes to low operating restriction throughout the life of the filter
- Each filter element includes a precision molded gasket as well as a new gasket washer to ensure a robust sealing system

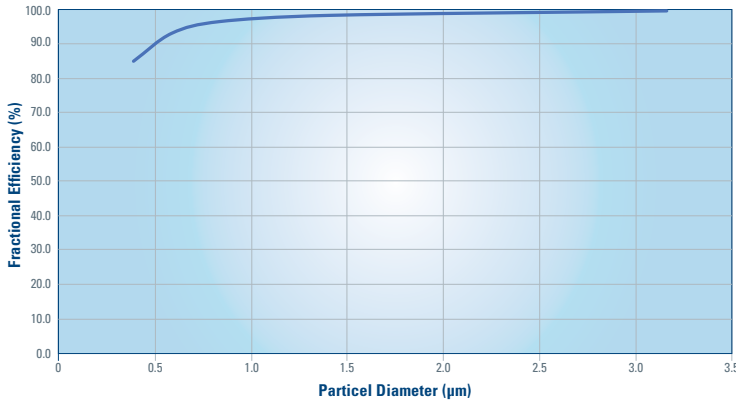
APPLICATION RECOMMENDATIONS

Turbo-Tek Er3 | W1 | P5 is a synthetic media. It is designed to be fully moisture resistant and is recommended for a wide range of environments.

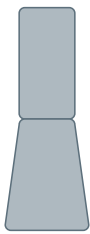
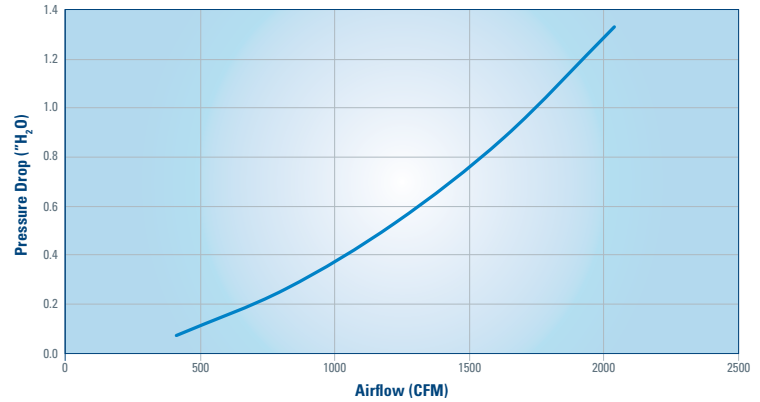
KEY BENEFITS

- Optimal pulse performance
- High dirt loading capacity
- Low initial pressure drop
- Increased output
- Reduced blade fouling
- Reduced long term operating costs in high dirt/dust conditions

Efficiency



Pressure Drop



PERFORMANCE DATA

Testing based on conical/cylindrical pair at 1630 CFM / 0.77 m/s

ISO 16890 Rating	ePM ₁ 85%
EN779 Rating	F9: 2012
ASHRAE 52.2 Rating	MERV 15
Initial Resistance	0.88" wg / 219 Pascal

SPECIFICATIONS

Cylindrical	209 ft ² / 19.4 m ² of media
Conical	249 ft ² / 23 m ² of media
Filter Media	High Efficiency, Synthetic Media

PERFORMANCE DATA

Efficiency rating is based on conical/cylindrical pair at 630 CFM / 0.77 m/s

ISO 16890 Rating	ePM ₁ 85%
EN779 Rating	F9: 2012
ASHRAE 52.2 Rating	MERV 15
Initial Resistance	0.67" wg / 167 Pascal

SPECIFICATIONS

Cylindrical	209 ft ² / 19.4 m ² of media
Filter Media	High Efficiency, Synthetic Media

PERFORMANCE DATA

Testing based on 2,000 CFM / 0.94 m/s

ISO 16890 Rating	ePM ₁ 85%
EN779 Rating	F9: 2012
ASHRAE 52.2 Rating	MERV 15
Initial Resistance	0.75" wg / 187 Pascal

SPECIFICATIONS

Cylindrical	226 ft ² / 21 m ² of media
Filter Media	High Efficiency, Synthetic Media

Other non Donaldson filter configurations are available. All end caps and liners are available in either galvanized or stainless steel. Contact your sales representative for details.

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