TD DUST COLLECTOR

MODELS TD-162, TD-486 AND TD-573

ULTRA-WEB®

High Efficiency **Fine Fiber Filters** Built to Last
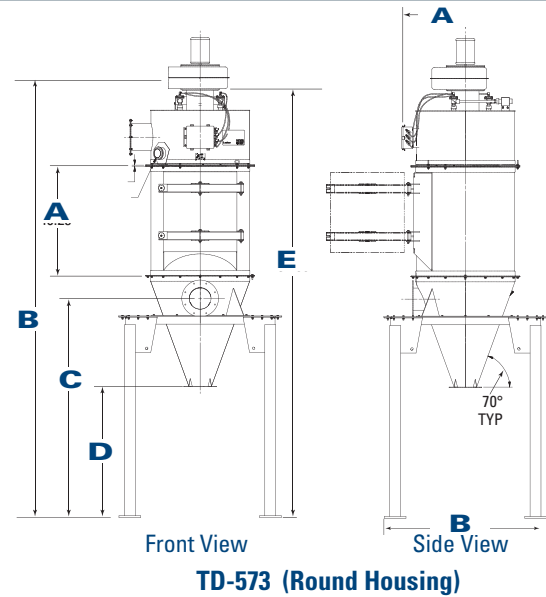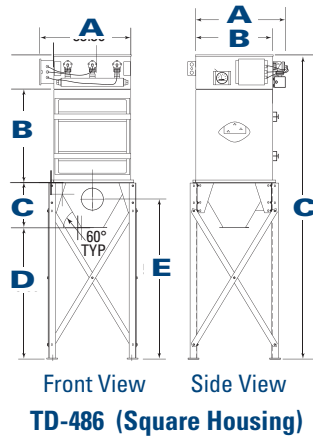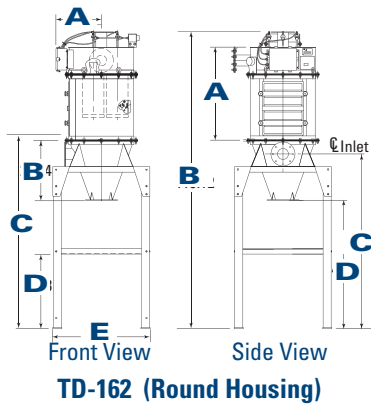

TD-162

TD-486

TD-573

Standard and high pressure pulse-jet dust collectors provide on-line filter cleaning allowing continuous-duty operation.†

- Ultra-Web® cartridge filters featuring fine fiber technology optimize high filtration efficiency and long filter life

- MERV* 15 filtration efficiency rating per ASHRAE 52.2-2007

- The compact design is ideal for bin venting applications where space is at a premium

- Lower operating pressure drop reduces energy costs

- Optional tangential inlet on round TD housings preseparates dust for high-loading applications

- Provides a cleaner work environment for maximum productivity

- Helps support OSHA Clean Air Standards

† Donaldson Torit equipment is designed to IBC guidelines for specific wind speed exposure and seismic spectral acceleration at grade level. Contact your Donaldson Torit representative for detailed information available on the equipment's Spec Control drawings. Equipment may be customized to meet unique, customer-specified site requirements.

DIMENSIONS & SPECIFICATIONS

Front View   Side View
TD-162 (Round Housing)

Front View   Side View
TD-486 (Square Housing)

Front View   Side View
TD-573 (Round Housing)

Model	Dimensions																
	Front View										Side View						
	A		B		C		D		E		A		B		C		D	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
TD-162	17.2	436.4	23.8	605.5	71.5	1816.9	27.9	708.2	36.5	927.1	25.1	636.5	110.1	2797.0	62.5	1587.5	45.2	1147.6
TD-486	33.4	847.9	34.0	863.6	16.5	419.1	48.0	1219.2	58.5	1485.9	32.8	831.9	38.1	968.2	111.3	2825.8	–	
TD-573	40.3	1022.4	139.7	3547.9	80.4	2041.7	48.0	1219.2	157.1	3989.3	23.4	594.4	59.6	1514.3	–		–	

Model	Nominal Airflow**		Ultra-Web® Filter Area		No. of Filters	No. of Valves	Housing Rating		Shipping Weight	
	cfm	m³/h	ft²	m²			in. of H₂O	mm of H₂O	lb	kg
TD-162	300 - 400	510 - 579	180	16.7	3	3	-220	-5588	450	204.1
TD-486	700 - 1500	1189 - 2548	540	50.2	9	3	±20	±508	500	226.8
TD-573	1000 - 1100	1699 - 1869	678	63.0	3	3	-220	-5588	1350	612.3

EQUIPMENT OPTIONS

Cartridge filter options:
- Ultra-Web FR (MERV 15)
- Fibra-Web® (MERV 14)
- Ultra-Web SB (MERV 15)
- Torit-Tex™ (MERV 16)
- Ultra-Tek® (MERV 12)

Hopper discharge
- Slide gate pack
- 5-Gallon (141.7 Liter) pail pack
- 55-Gallon (15,59.2 Liter) drum cover
- Rotary airlock

1, 2, 3, 5, 7.5, and 10 hp blowers	Magnehelic®† gauge
Solid-state timer	Photohelic®† gauge
Adjustable damper (blower)	Bolt-on support legs
Explosion vents	Inlet adapters

* The Minimum Efficiency Reporting Value (MERV) of this filter cartridge has been determined through independent laboratory testing using ASHRAE 52.2 (2007) test standards. The MERV rating was determined at a face velocity of 118 feet per minute (36.0 meters per minute) and loading up to four inches (101.6 mm) water gauge. Actual efficiency of any filter cartridge will vary according to the specific application parameters. Dust concentration, airflow, particle characteristics, and pulse cleaning methods all affect filtration efficiency.
** Based on clean filters.
† Magnehelic® and Photohelic® are registered trademarks of Dwyer Instruments, Inc.

Significantly improve the performance of your collector with genuine Donaldson Torit replacement filters and parts.

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.

Donaldson.

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