

Donaldson®  
Torit®

## 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



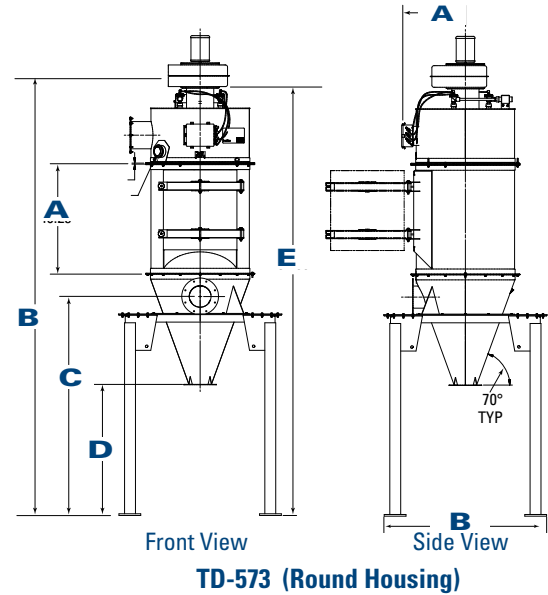
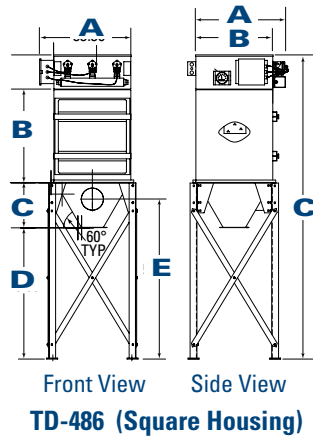
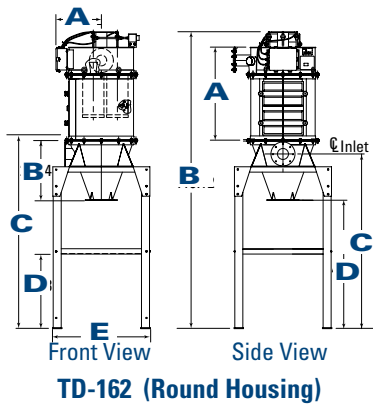
TD-573

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



| 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

Solid-state timer

Adjustable damper (blower)

Explosion vents

Magnehelic®† gauge

Photohelic®† gauge

Bolt-on support legs

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.

**Call Donaldson Torit at 800-365-1331.**

**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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