



BAGHOUSE COLLECTORS



BAGHOUSE FEATURES

EXPERIENCE, SERVICE & SUPPORT

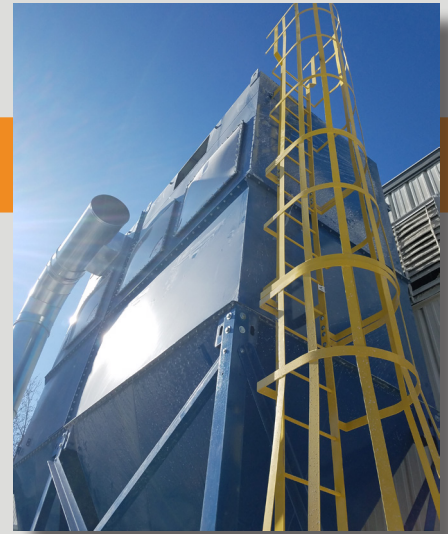
- Technical expertise and factory support
- Ready-to-ship parts and filters
- Numerous successful installations worldwide

CUSTOM ENGINEERING

- Systems tailored to your specific needs
- Professional design & engineering experts
- Application assistance

DESIGNED, ENGINEERED, & MANUFACTURED IN USA

- Modular Design
- Venturi-Assisted Pulse-Jet Cleaning
- Automatic Pulse Controls for both Online and DownTime Cleaning
- ACTION-Lock Exclusive Tool-Free Bag Replacement
- Clean Side, Top Access Snap Band Filter Bags
- Top Load Filter Change Out
- Hinged Filter Access Doors
- No Confined Space Filter Access
- OSHA Compliant Hand Rail and Caged Access Ladder
- Replaceable Bolt-On Deflection Baffle
- Pressure/Vacuum Rating $\pm 25''$ W.C.
- Premium Prime and Paint Exterior High Gloss Enamel
- 16 oz Polyester Filter Bags with Stainless Steel Snap Band



A.C.T. Dust Collectors

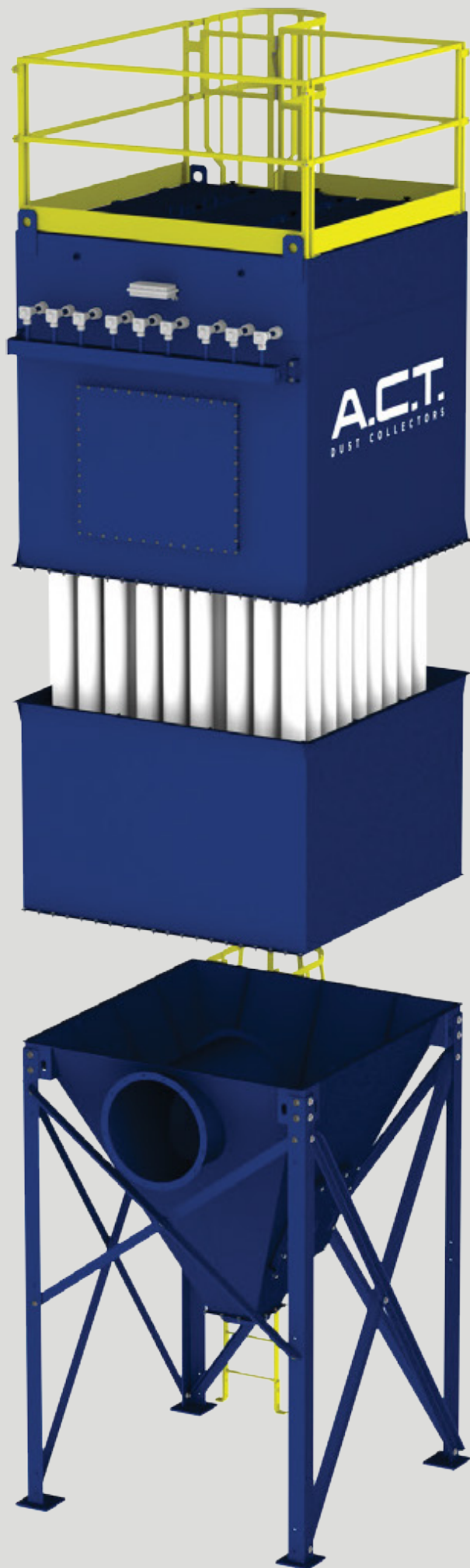
TLM Modular Baghouse is designed to meet the unique requirements of each application.

Starting with transportation, the dimensions of the TLM Baghouse are such that trucking can be done without oversize permits. Installation is simple and straightforward with the modular design and integral lifting lugs. Overall design is compact to minimize footprint and overall height to fit in the tightest space available.

Heavy-duty internally reinforced 10-gauge walls and robust structure meet industry demands. Utilizing computerized simulation software, the pulse-jet cleaning system operational design has been optimized for efficient cleaning and airflow. Hinged filter access doors and our exclusive tool-free bag replacement, allow for the quickest, easiest maintenance.

The TLM Baghouse brings you the culmination of many years of experience with quality and features unrivaled in the industry.





As the dust accumulates on the filters, an on-board pressure gauge monitors differential pressure between the clean side and the dirty side of the baghouse.

Once a set maximum differential pressure is reached, a solid state timer board activates the cleaning system. The timer board activates an electric solenoid, which opens the diaphragm valve. Compressed air from the manifold on the baghouse is released through the diaphragm valve into the blowpipe above the bag filters. The pressure from the pulse-jet removes the dust buildup by blowing it off outward from the inside of the filter. This all occurs while the system is online for continuous duty operation.

The TLM Baghouse features downtime cleaning as well, so the system performs a final pulse-clean cycle after shutdown to ensure maximum dust release and long filter life.

AVAILABLE BAGHOUSE OPTIONS

Rotary Airlocks with Hopper
Mount Transitions

Screw Conveyors

Extended/Modified Steel Support Structure

Custom Filter Media Options

Motor/Blower for Specific Performance

Inlet or Outlet Dampers

Exhaust Silencer

Ductwork and Inlet/Outlet Manifolds

Afterfilter Plenums for HEPA or ASHRAE

NFPA 69 Compliant Backdraft Dampers/
Explosion Isolation Valves

Explosion Venting

Motor Control Panels, (Soft Start, VFD's etc.)

Spark Detection System

High Speed Abort Gates

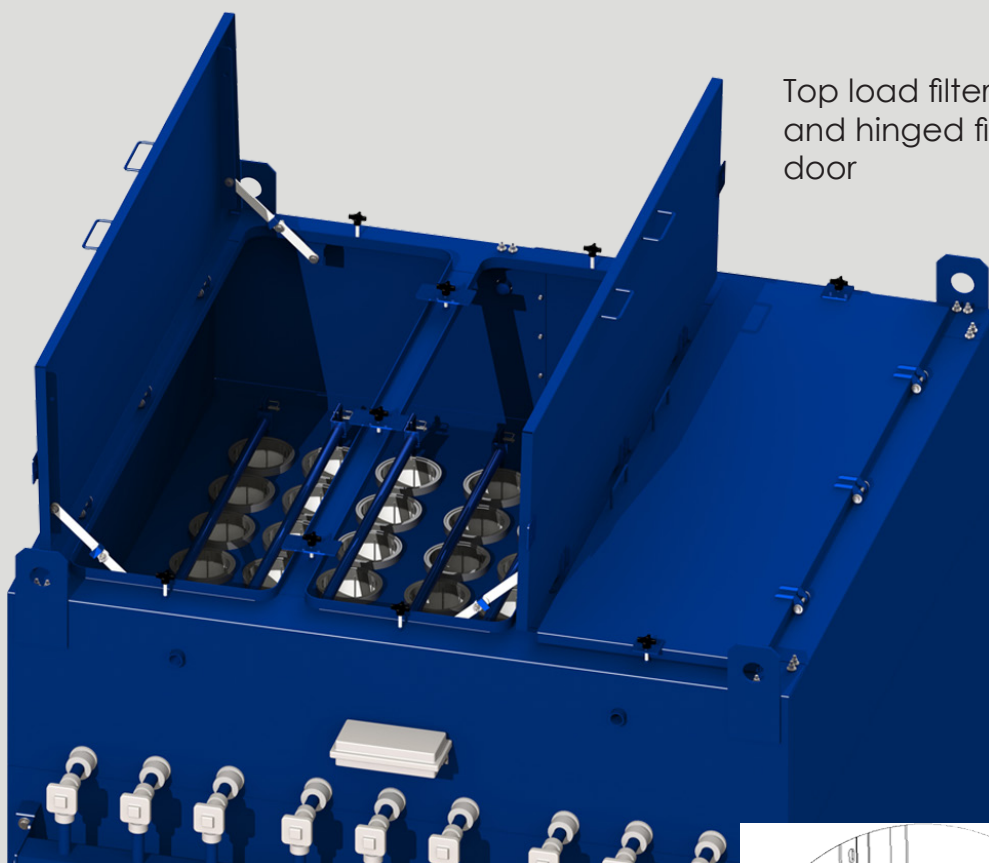
High Temperature Operation Components

Stainless Steel Construction

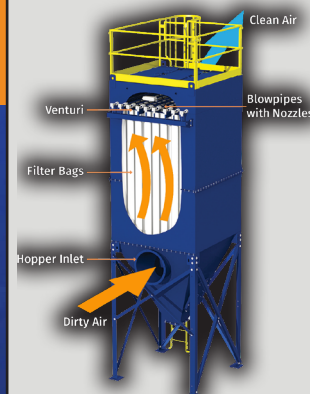
Custom Color Exterior Paint Finishes

Contact ACT for Additional Options.

The most popular feature is our exclusive **ACTION-LOCK** Tool-Free Bag Replacement.



Top load filter change out and hinged filter access door



The TLM Baghouse operation is simple, proven, and efficient. Dust-laden air is drawn from the source through a duct system and into the hopper inlet.

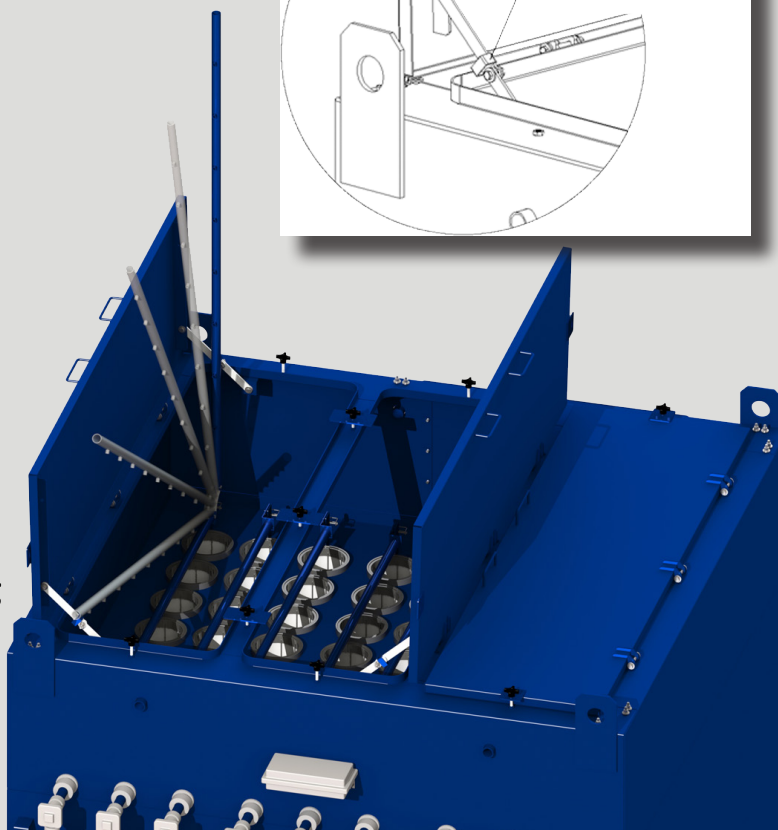
Through air expansion and an internal deflection plate, the airstream velocity is reduced so large particles drop into the hopper below. The remaining dust particles are filtered through bag filters.

This ensures that only clean air passes into the clean air plenum, through the fan, and is either exhausted to the atmosphere or returned to the building.

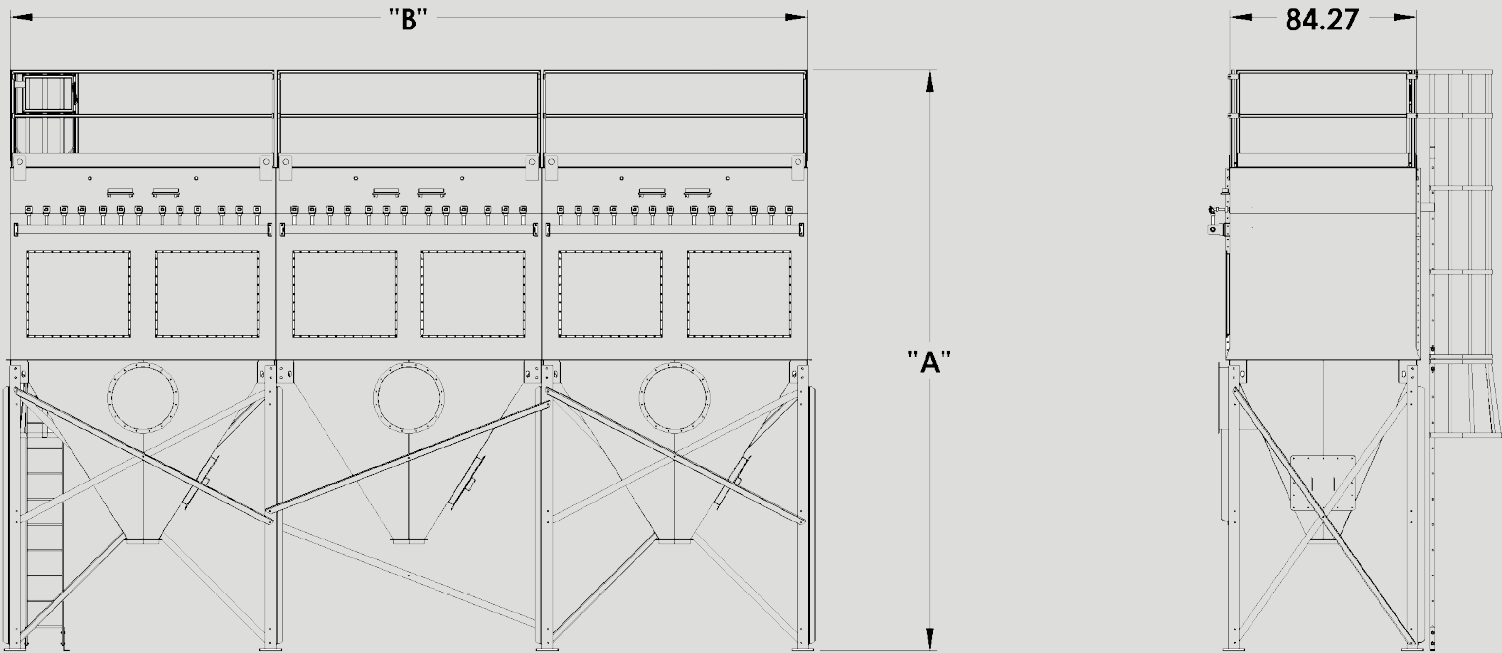
1 Safety-lock, hinged filter access door

2 Swing-away, hinged pulse tube

3 Drop in cage and snap-band filter bag

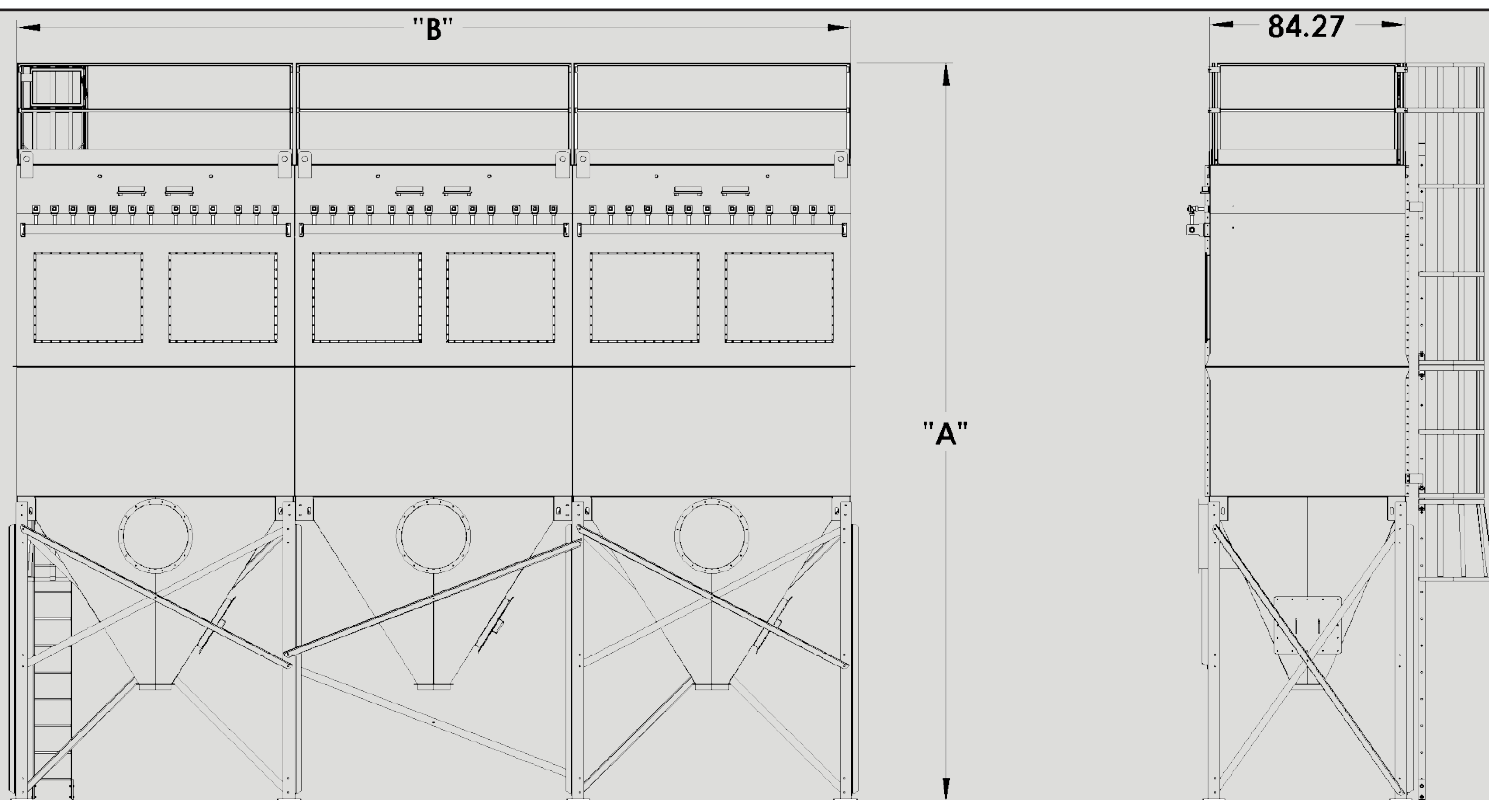


DIMENSIONS



TLM 5 FT MODULES

| MODEL | NOMINAL AIRFLOW RANGE (CFM) | FILTER MEDIA (FT²) | # OF TLM 81 MODULES | # OF TLM 117 MODULES | # OF BAGS | # OF VALVES | BAG LENGTH (FT) | BAG DIAMETER (IN) | ESTIMATED SHIPPING WEIGHT (LBS) | DIMENSIONS | |
|-----------|--------------------------------------|--------------------------|---------------------------|----------------------------|--------------|----------------|-----------------------|-------------------------|--|------------|--------|
| | | | | | | | | | | A | B |
| TLM 81-5 | 2,000-6,000 | 636 | 1 | 0 | 81 | 9 | 5 | 6 | 5,100 | 237.21 | 85.02 |
| TLM 117-5 | 3,000-9,000 | 919 | 0 | 1 | 117 | 13 | 5 | 6 | 6,100 | 261.96 | 117.02 |
| TLM 162-5 | 5,000-12,000 | 1,272 | 2 | 0 | 162 | 18 | 5 | 6 | 8,600 | 237.21 | 165.38 |
| TLM 198-5 | 6,000-15,000 | 1,555 | 1 | 1 | 198 | 22 | 5 | 6 | 9,600 | 261.96 | 197.38 |
| TLM 234-5 | 7,000-18,000 | 1,838 | 0 | 2 | 234 | 26 | 5 | 6 | 10,500 | 261.96 | 229.38 |
| TLM 279-5 | 8,000-21,000 | 2,191 | 2 | 1 | 279 | 31 | 5 | 6 | 13,200 | 261.96 | 277.74 |
| TLM 315-5 | 9,000-24,000 | 2,474 | 1 | 2 | 315 | 35 | 5 | 6 | 14,100 | 261.96 | 309.74 |
| TLM 351-5 | 11,000-27,000 | 2,757 | 0 | 3 | 351 | 39 | 5 | 6 | 15,100 | 261.96 | 341.74 |
| TLM 396-5 | 12,000-31,000 | 3,110 | 2 | 2 | 396 | 44 | 5 | 6 | 17,600 | 261.96 | 390.09 |
| TLM 432-5 | 13,000-34,000 | 3,393 | 1 | 3 | 432 | 48 | 5 | 6 | 18,600 | 261.96 | 422.09 |
| TLM 468-5 | 14,000-36,000 | 3,676 | 0 | 4 | 468 | 52 | 5 | 6 | 19,500 | 261.96 | 454.09 |
| TLM 513-5 | 16,000-40,000 | 4,029 | 2 | 3 | 513 | 57 | 5 | 6 | 22,200 | 261.96 | 502.45 |
| TLM 549-5 | 17,000-43,000 | 4,312 | 1 | 4 | 549 | 61 | 5 | 6 | 23,100 | 261.96 | 534.45 |
| TLM 585-5 | 18,000-46,000 | 4,595 | 0 | 5 | 585 | 65 | 5 | 6 | 24,100 | 261.96 | 566.45 |
| TLM 630-5 | 19,000-50,000 | 4,948 | 2 | 4 | 630 | 70 | 5 | 6 | 26,500 | 261.96 | 614.81 |
| TLM 666-5 | 21,000-52,000 | 5,231 | 1 | 5 | 666 | 74 | 5 | 6 | 27,500 | 261.96 | 646.81 |
| TLM 702-5 | 22,000-55,000 | 5,513 | 0 | 6 | 702 | 78 | 5 | 6 | 28,400 | 261.96 | 678.81 |
| TLM 756-5 | 23,000-59,000 | 5,938 | 5 | 3 | 756 | 84 | 5 | 6 | 32,800 | 261.96 | 743.53 |
| TLM 792-5 | 24,000-62,000 | 6,220 | 4 | 4 | 792 | 88 | 5 | 6 | 33,800 | 261.96 | 775.53 |



TLM 10 FT MODULES

| MODEL | NOMINAL AIRFLOW RANGE (CFM) | FILTER MEDIA (FT²) | # OF TLM 81 MODULES | # OF TLM 117 MODULES | # OF BAGS | # OF VALVES | BAG LENGTH (FT) | BAG DIAMETER (IN) | ESTIMATED SHIPPING WEIGHT (LBS) | DIMENSIONS | |
|------------|--------------------------------------|--------------------------|---------------------------|----------------------------|--------------|----------------|-----------------------|-------------------------|--|------------|--------|
| | | | | | | | | | | A | B |
| TLM 81-10 | 5,000-12,000 | 1,272 | 1 | 0 | 81 | 9 | 10 | 6 | 6,000 | 297.21 | 85.02 |
| TLM 117-10 | 7,000-18,000 | 1,838 | 0 | 1 | 117 | 13 | 10 | 6 | 7,100 | 321.96 | 117.02 |
| TLM 162-10 | 10,000-25,000 | 2,545 | 2 | 0 | 162 | 18 | 10 | 6 | 10,100 | 297.21 | 165.38 |
| TLM 198-10 | 12,000-31,000 | 3,110 | 1 | 1 | 198 | 22 | 10 | 6 | 11,200 | 321.96 | 197.38 |
| TLM 234-10 | 14,000-36,000 | 3,676 | 0 | 2 | 234 | 26 | 10 | 6 | 12,400 | 321.96 | 229.38 |
| TLM 279-10 | 17,000-43,000 | 4,383 | 2 | 1 | 279 | 31 | 10 | 6 | 15,500 | 321.96 | 277.74 |
| TLM 315-10 | 19,000-50,000 | 4,948 | 1 | 2 | 315 | 35 | 10 | 6 | 16,600 | 321.96 | 309.74 |
| TLM 351-10 | 22,000-55,000 | 5,513 | 0 | 3 | 351 | 39 | 10 | 6 | 17,700 | 321.96 | 341.74 |
| TLM 396-10 | 24,000-62,000 | 6,220 | 2 | 2 | 396 | 44 | 10 | 6 | 20,700 | 321.96 | 390.09 |
| TLM 432-10 | 27,000-67,000 | 6,786 | 1 | 3 | 432 | 48 | 10 | 6 | 21,800 | 321.96 | 422.09 |
| TLM 468-10 | 29,000-73,000 | 7,351 | 0 | 4 | 468 | 52 | 10 | 6 | 23,000 | 321.96 | 454.09 |
| TLM 513-10 | 32,000-80,000 | 8,058 | 2 | 3 | 513 | 57 | 10 | 6 | 26,100 | 321.96 | 502.45 |
| TLM 549-10 | 34,000-86,000 | 8,624 | 1 | 4 | 549 | 61 | 10 | 6 | 27,200 | 321.96 | 534.45 |
| TLM 585-10 | 36,000-91,000 | 9,189 | 0 | 5 | 585 | 65 | 10 | 6 | 28,300 | 321.96 | 566.45 |
| TLM 630-10 | 39,000-98,000 | 9,896 | 2 | 4 | 630 | 70 | 10 | 6 | 21,200 | 321.96 | 614.81 |
| TLM 666-10 | 41,000-104,000 | 10,462 | 1 | 5 | 666 | 74 | 10 | 6 | 32,300 | 321.96 | 646.81 |
| TLM 702-10 | 44,000-110,000 | 11,027 | 0 | 6 | 702 | 78 | 10 | 6 | 33,500 | 321.96 | 678.81 |
| TLM 756-10 | 47,000-118,000 | 11,875 | 5 | 3 | 756 | 84 | 10 | 6 | 38,500 | 321.96 | 743.53 |
| TLM 792-10 | 49,000-124,000 | 12,441 | 4 | 4 | 792 | 88 | 10 | 6 | 39,700 | 321.96 | 775.53 |

DESIGNED, ENGINEERED, AND MANUFACTURED IN USA



A.C.T. Dust Collectors
820 North Front St.
New Ulm, MN 56073
Toll-Free 800 422 1316
Phone 763 557 7162
Fax 763 557 9731
info@actdustcollectors.com
www.actdustcollectors.com



2020 DMM