



**Veracity Dust & Fume Collectors** are designed with revolutionary pulse distribution technology for maximum cleaning performance.

**Veracity Dust & Fume Collectors** are the largest in the industry with the lowest internal velocities. This large housing allows more dust to drop into the hopper before attaching to the filters, and energy efficient manifold-mounted pulse valves increase cleaning power. Its heavy duty construction surpasses the leading vertical and horizontal filter cartridge dust collectors making it one of the most effective dust collectors in the industry.

Visit [veracitytechs.com](http://veracitytechs.com) for videos and more information.

# Key Features

## Pulse Cleaning System

- High efficiency manifold mounted pulse valves
- Factory assembled and tested
- NEMA 4 solenoid enclosure
- Factory mounted pressure gauge on compressed air manifold

## Housing

- Modular design with zinc plated internal hardware and no external bolt holes
- All external hardware is stainless steel
- No leaks guaranteed
- Fully reinforced positively bowed domed roof to assist in rain runoff
- 60° sloping hopper with standard 10" square flange discharge (other sizes available)

## Dwyer DCT1000 Control

- Easily accessible software menu and auto/manual control
- No cumbersome menu keystrokes or passwords required
- High/low limit control capability from an external source
- Downtime cleaning feature that allows for time based pulsing at the end of a shift or for batch processes

## Filter Access

- Door opens and shuts effortlessly and has the strength of an armored vehicle
- Military grade door latches. Same latches used on U.S. military armored fighting vehicles
- Internal weather proof hardware
- Tool free single handed operation
- Lockable door handle

## Structure

- Bolted construction
- 54" clearance for 55ga drum and drum cover kit (additional height optional)
- Seismic zone 3 construction based on 100 MPH wind load

## High Entry Staggered Angle Inlet Baffle

- High entry inlet allows the material to come in at filter level causing a natural down flow cleaning effect
- The inlet section is protected by streamline staggered angle baffles that provide protection to the filters from abrasive material with minimum pressure loss
- Baffles bolt in and can be easily replaced

# Additional Options

## Spark Trap

- Drop down clean out doors help eliminate dust build up and explosion risks
- Easy to install into any system vertically or horizontally
- No maintenance, no moving parts, and no water required
- Heavy duty, fully welded exterior construction

## Manual Slide Gate for Drum Cover Kit

- Allows user to close off drum while machine is still in use for change outs
- Heavy duty steel construction

## Dust Level Sensor 2 Drum

- Detects material within 4-6" of the sensor
- Ultrasonic diffuse sensor
- Armed/reset button
- 2 Indicator Lights for Sensors
- 2 Sensor Inputs

## Silencer

- Silencer easily bolts directly to fan outlet
- Reduces noise to below 85DB or lower at 5'

Email [sales@veracitytechs.com](mailto:sales@veracitytechs.com) or call **918-487-3100** to request a quote.



📍 PO Box 471288

Tulsa, OK 74147

🌐 [veracitytechs.com](http://veracitytechs.com)

📞 Phone: (918) 487-3100

📠 Fax: (918) 487-3101

✉️ [sales@veracitytechs.com](mailto:sales@veracitytechs.com)