



Scientific Dust Collectors

The Result Of
A Commitment
To Excellence

AIR CLEANING EQUIPMENT, INC.
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THE RESULT OF A COMMITMENT TO EXCELLENCE





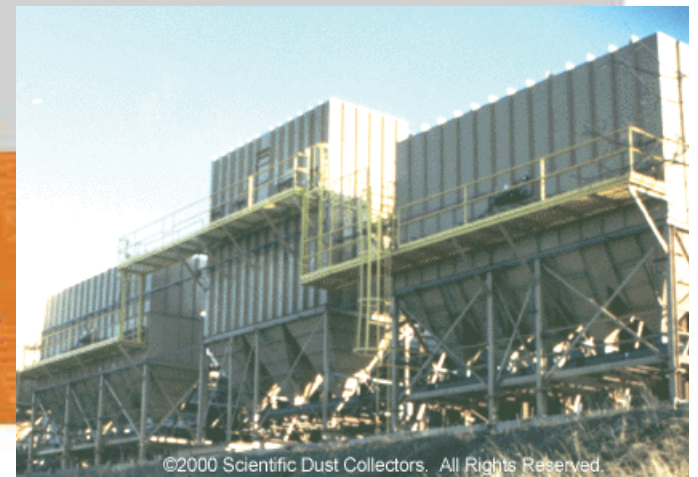
The Proof is in the Performance

Advanced Nozzle Based Cleaning System

High Side Downward Airflow Pattern

Baffled Inlet for Proper Air Distribution and Flow Rates

Greater Amount of Induced Air For Best Media Cleaning





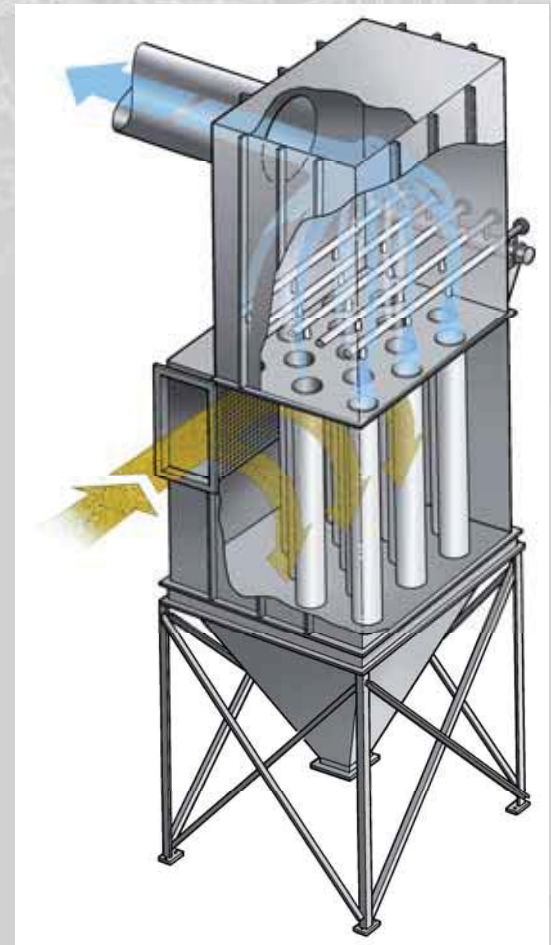
Discover the Difference

High Side Inlet

Downflow Air Pattern

Wide Bag Spacing

Dropout Section with Baffled Inlet



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High Side Inlet



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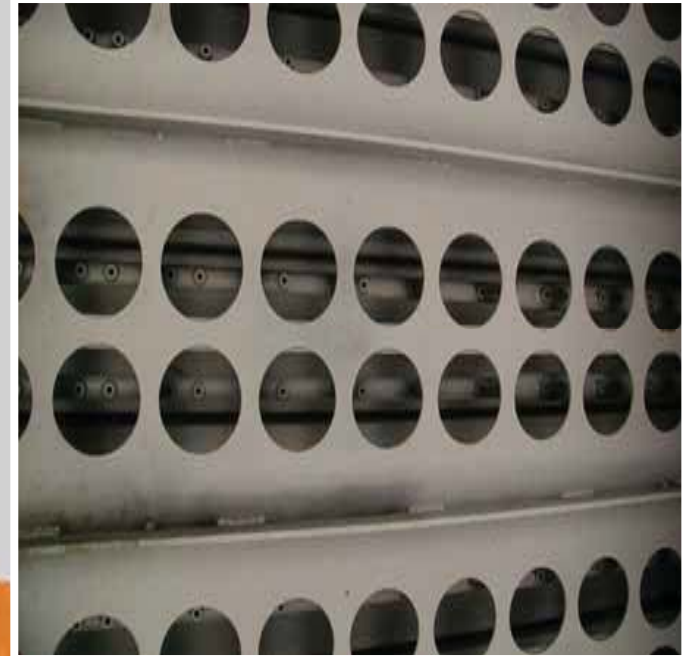
Low Velocity Inlet Plenum and Internal Baffles



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Wide Bag Spacing



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Removing Venturis Reduce Pressure Drop

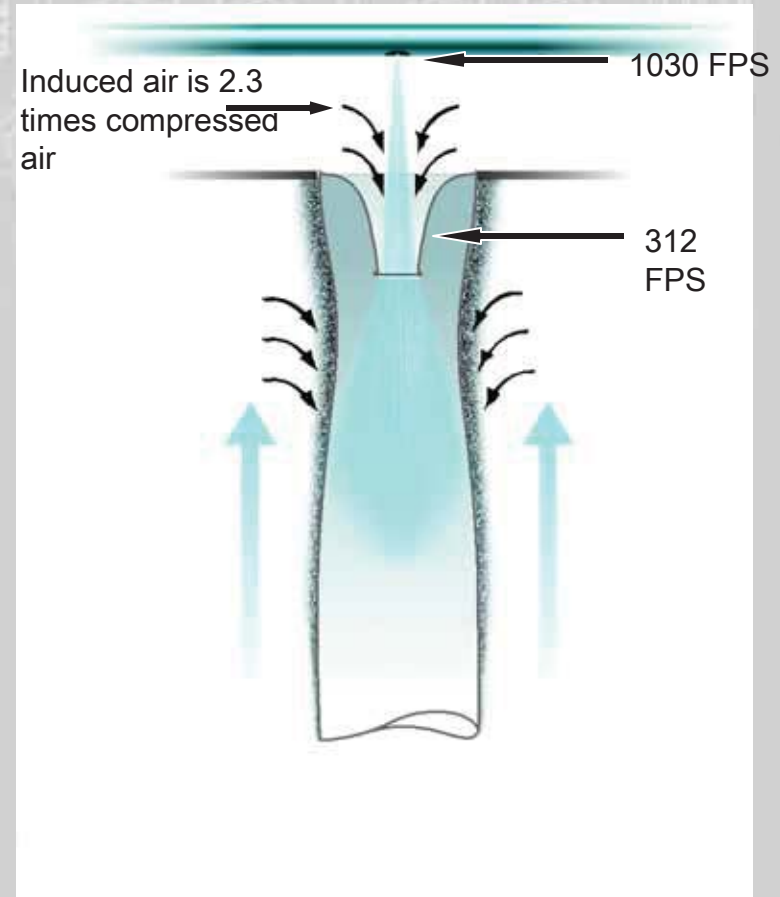


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Nozzles Induce
8 Times the
Cleaning Air

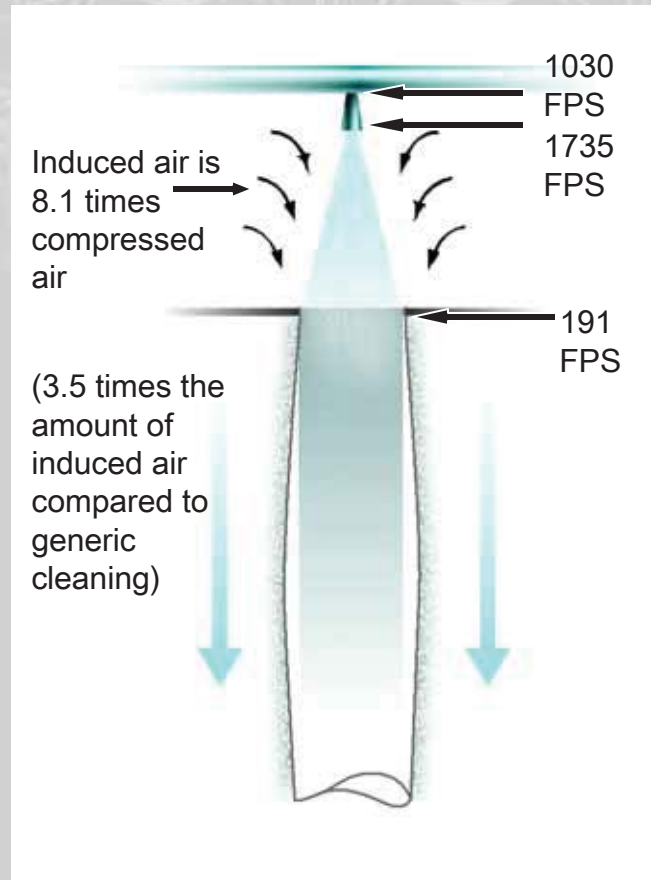


Generic Cleaning

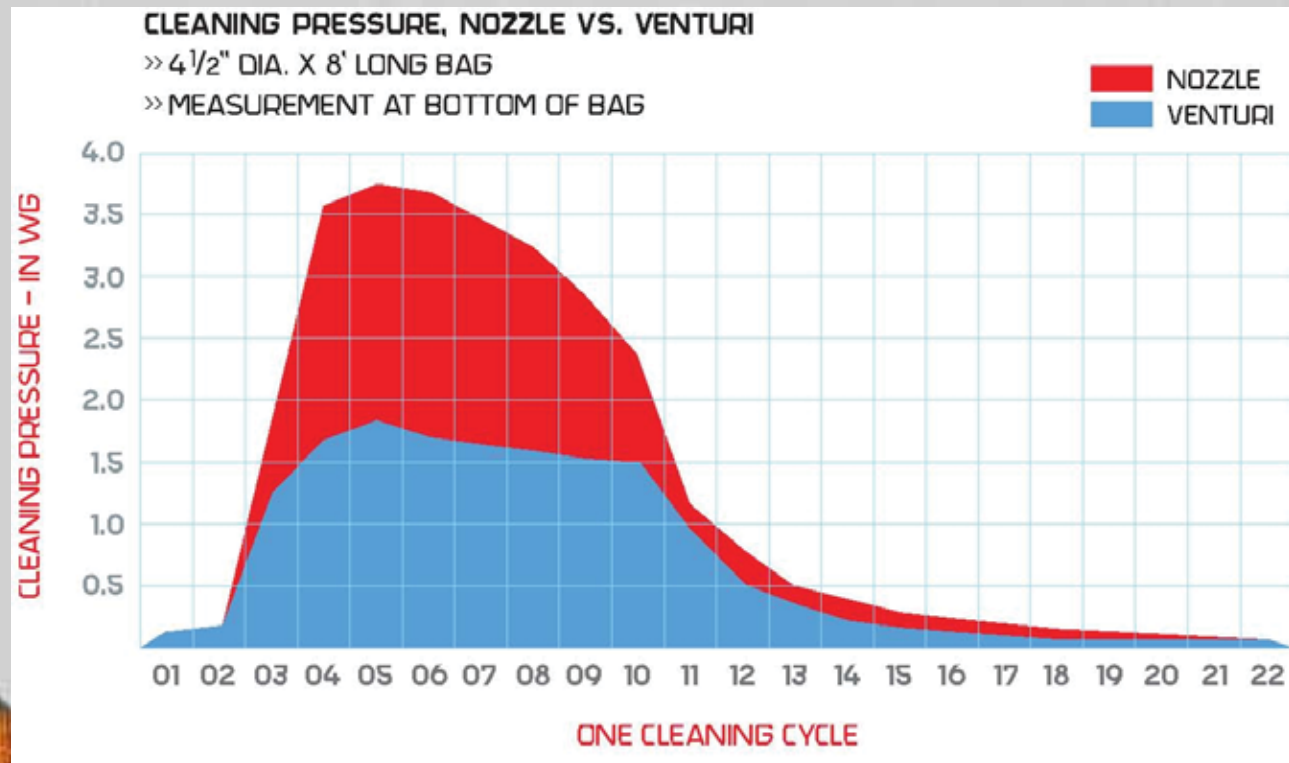


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Patented Advanced Cleaning



Cleaning Pressure: Nozzle Vs. Venturi



Advantages:

Increased Volume of Cleaning Air

Proven Nozzle Technology

Reduced Pressure Drop

Long Media Life



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What This Means for You:

**Reduced Maintenance & Operation Cost:
Fewer Filters & Parts and Longer Filter Life**

**Reduced Energy Consumption:
Lower Pressure Drop**

Lower Compressed Air Required

Fits in Smaller Space / Footprint

Reliability

Specification Differences

Generic Reverse Pulse Jet

- With Venturi
- Hopper Inlet
(upward flow)
- Stand and Bag Spacing
(6" – 8")
- Air to Cloth Ratio
- Online or Offline Cleaning

Newer Technology

- No Venturi
- High Side Inlet
(downward flow)
- Wider Bag Spacing
(7" – 10")
- Air to Cloth Ratio
- Online Cleaning

