



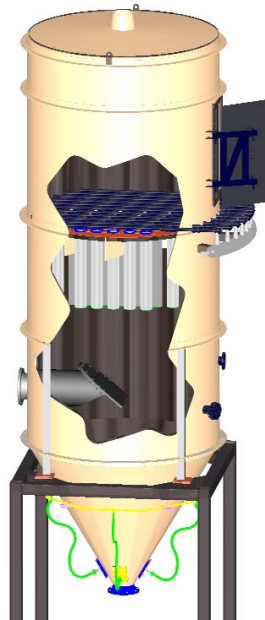
LB Industrial Systems^{LLC}

Vacuum Collector

The vacuum collector, also referred to as a filter-separator, is the centerpiece of a vacuum conveying system. The material is pulled by a vacuum blower which connects to the vacuum collector on the "clean side" of the filters. The material enters below the filters and the air carrying the material is removed from the stream and leaves upwards through the filters to remove particulate. Air jets pulse into the filter cartridges to keep cartridges clean and improve performance.

High level switches are located around the collector tank to keep from contacting the filter cartridges along with relief valves to protect the collector. The collector is accessed via three levels of platforms to allow for easy access to maintenance items. Filter cartridges are removed via a walk-in plenum and lifted up through the floor.

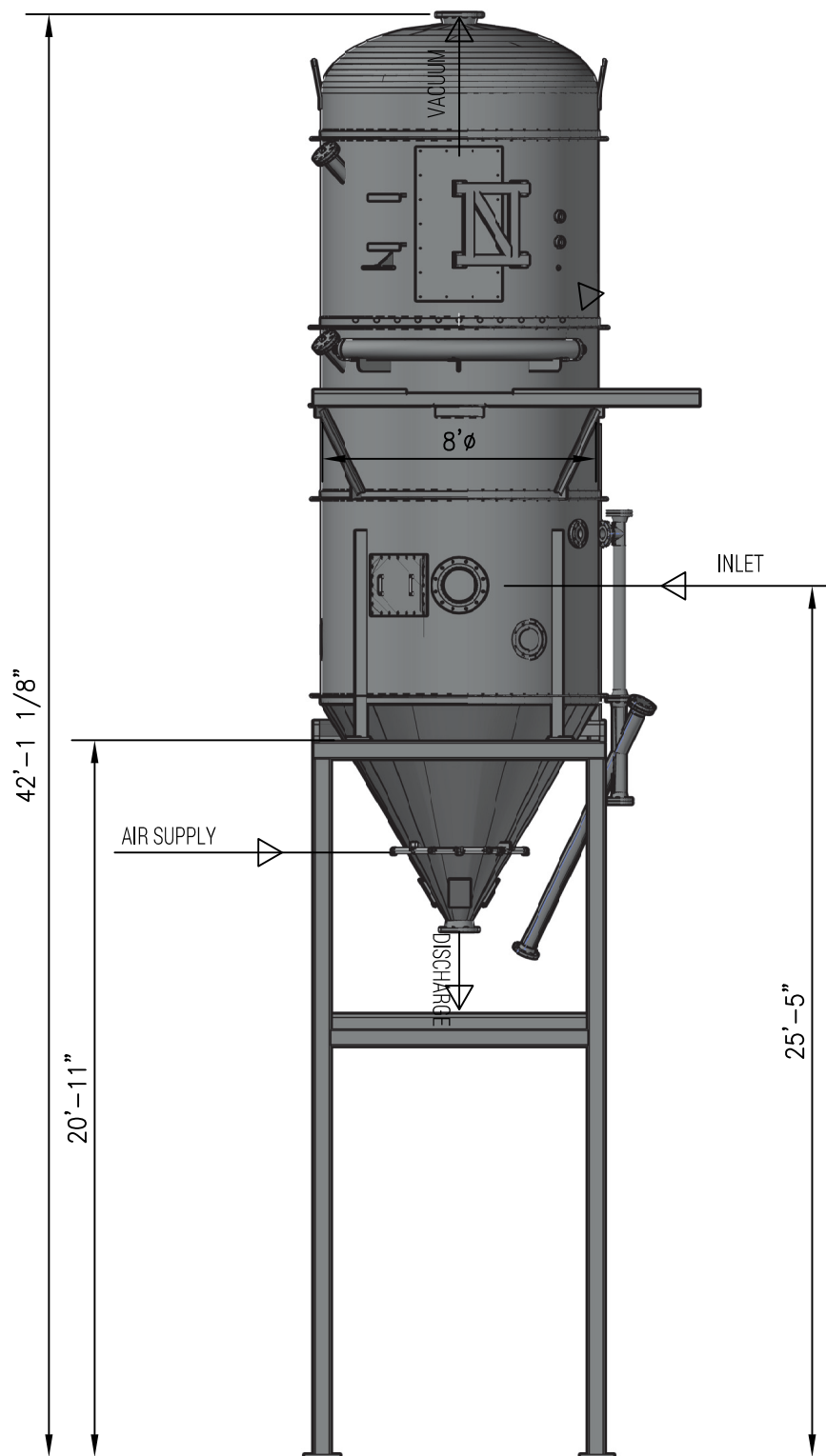
LBIS designs vacuum conveying systems custom for each application ensuring the best value is delivered for the customer. Collector sizing is determined by the rate of material collection, temperature, and airflow required by the system's needs. LBIS Filter Separators come in 5-, 8-, 10-, and 12-foot diameter sizes.



- Available in 5ft. and 8ft. diameters or custom sizing
- Reinforced "No Leak" tube sheet
- Standard High - Efficiency Filter cartridges
- Everlasting® dual rotating disc valves at high - wear positions
- Special high - temperature models available
- Walk in plenum standard for ease of maintenance
- Hardened material inlet deflector plate
- High level and high filter differential pressure protective circuits
- Designed to withstand maximum possible vacuum



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LBIS PNEUMATIC CONVEYING TECHNOLOGY

VACUUM COLLECTOR
M80

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