



Dry Dust Collectors

Dust collectors and air pollution control equipment give you clean air, but at Sly, that's just the beginning. Sly offers flexibility in its dust equipment that other manufacturers can't since we have our own manufacturing facility. With a versatile range of durable baghouses and industrial dust collectors, Sly has earned the trust of businesses in even the toughest industrial environments, ensuring operations remain clean, efficient, and compliant.

We have been around for over 150 years and even hold the very first patent ever issued for cloth-type dust collectors, and have since become your trusted advisor in air pollution control.

The expertise you need. The service you deserve.

TubeJet® Rectangular & Cylindrical Baghouse Dust Collectors

Sly's TubeJet pulse-cleaned dust collectors provide the option for on-demand or timed cleaning. Featuring our innovative design, bag changes are simple and efficient. With a full range of rectangular and cylindrical baghouse designs, our pulse jet collectors solve the toughest of air pollution control challenges.



Features & Benefits

- 50-200,000+ ACFM capacities with 20" w.g. to 5 PSIG and higher ensures optimal air pollution control
- Inlet with special diffuser design which decreases turbulence for more efficient cleaning
- Wide range of flow capacities in a single, shop assembled module
- Side or Top Bag removal accommodates for space allocation
- Adjustable solid state timer fine tunes cleaning system for optimum pulse-cleaning
- Versatile design handles high temperatures, pressures and corrosives
- Snap-ring bag design provides a tight filter seal with high efficiency
- Wide range of fire prevention and explosion mitigation accessories for additional safety

TubeJet Options

Customizable by filter media for different dust types, bag configurations accommodate for space allotment, inlet configurations based on particulate loading or specific application parameters, and more.

- Carbon, Stainless, or Alloy Construction
- Configurable Hopper Slope/Discharge
- Platform, Straight, or Perimeter Access
- Walk In Plenum Design
- Factory insulation is available to prevent moisture condensation and maintain gas temperature

Cylindrical Options

- Tangential Inlet for High Dust Loading
- Dished or Flat Head
- ANSI Flanges (150 or 300lb.)



Factory Insulation



Access Platforms



Vertical Cartridge Filter Dust Collectors

Vertical Cartridge Filters (VCFs) are ideal for many applications where the dust is dry and free flowing. VCFs utilize vertical filters which enables most of the dust to fall off the filter and into the containment system versus collecting on the filters as with a horizontal cartridge design. Sly VCFs extend filter life, minimize gasket leaks, and provide simple filter changes with the anti-ramp lift rails that guide filters into place.



Features & Benefits

- High-powered pulse cleaning system blows dust off filters to extend filter life
- No outside bolts help inhibit rust
- Even filter loading eliminates the need to rotate dirty filters
- Quick open, tool-less doors provide convenient access
- Factory tested and installed cleaning system expedites start-up
- Lift rail door stop keeps doors from closing if rails are not in the proper upright position
- Double gasket design ensures a tight filter seal
- Anti-ramp rails provide the proper filter alignment to prevent overlapping

VCF Options

- 800 sq.ft. - 48,000 sq.ft. Filter Options
- Dust Level Sensor
- Indirect and Direct Release Systems
- Configurable Hopper Slope/Discharge
- Platform, Straight, or Perimeter Access



Advanced Grounded Filters



Dust Level Sensor



Explosion Drum



Air Diversion Gate

Combustible Dust & Fire Accessories

- Total flooding fire suppression system
- Smoke Detectors
- Heavy-duty Abort Gates
- Explosion Drums
- And More

Reverse Air Collectors

Sly's Reverse Air Collector (RAC) excels in challenging applications. The entire baghouse can stay online while cleaning the filters, which are all constantly in operation. Because the RAC uses a fan for cleaning, it does not require any compressed air. With longer filter life and high energy efficiency, the RAC offers the best value and quality in the industry.

Features & Benefits

- Online cleaning for continuous use
- Easy, toolless bag changeouts for convenience
- Available in 7 to 14 foot diameter with 8, 10 or 12 foot bag lengths
- Self cleaning for low maintenance
- Heavy-duty, 10 and 3/16 gauge construction provides long-lasting durability
- Direct drive shaft helps prevent energy loss from motor to the fan
- High entry inlet maximizes efficiency
- Inlet baffles redirect airflow to separate the debris from the air
- Perforated cone mimics cyclone air flow



Reverse Air Options

- Air Diversion Abort Gates
- Sloped or Flat Roof
- Explosion Vents
- Explosion Isolation Valve
- Platform, Straight, or Perimeter Access
- Tangential Entry
- Powder Coating
- 1,175 sq.ft. - 7,792 sq.ft. Bag Cloth

AIR POLLUTION CONTROL

Complete Integrated Systems

As a subsidiary of Carrier Process Equipment Group (CPEG), SLY can provide additional processing equipment such as dryers, coolers, mixers and conveyors to handle various stages of material processing. These machines can be integrated upstream into existing or new process lines.

Slyclone Dust Collectors

Slyclones use centrifugal force to separate dust from particulate-laden air, directing the cleaned air outward while collecting dust at the base. With their filterless design, Slyclones are highly effective at capturing heavy dust particles, making them perfect for upstream pre-dust collection. This helps extend the life of secondary, downstream dust control systems. Additionally, the filterless design makes Slyclones virtually maintenance-free, eliminating the need for employees to open and clean the machine.



Features & Benefits

- Centrifugal, cyclonic action provides high efficiency separation of heavy dust particles
- Compact design with small footprint requires less space compared to other dust control technologies
- Filterless, low maintenance design provides an economical dust control solution

Slyclone Options

- Explosion Vents
- Configurable Hopper, Inlets, Slope/Discharge
- Platform, Straight, or Perimeter Access



Aftermarket Parts Sales & Service

Sly understands that timely access to genuine spare parts is essential for maintaining the reliability and performance of your equipment. Our Aftermarket Sales Team is committed to providing prompt, reliable ordering to ensure minimal downtime to keep your operations optimized.

Our team is available to process your order any time of the day. We have inventory readily available for quick delivery and most orders are processed within 24 hours.

Part Options

- Dry Bags & Liquid Filters
- Solenoid & Diaphragm Valves
- Dust Collector Timer Boards
- Cages
- Pleated & Envelope Bags
- Cartridge Filters



Manufacturing & Engineering

Sly manufactures nearly everything in house, enabling us to have full control of the quality of our equipment, as well as the timing of completing orders.

- Manufacturing expertise working with mild steel, various grades of stainless steel, duplex steels and other exotic alloys for specialty applications
- 3D equipment modeling
- State-of-the-art manufacturing facilities
- Welders certified to ASME & AWS standards
- 350 ton press brake
- Plate roller capacity of up to 3/8" thick x 6' in width



SLY History



Founded

W. W. Sly founded what is now, Sly, LLC, as a manufacturer of foundry equipment.

1902

Expansion

Opened a new plant in Mathiston, MS to expand operations.

2019

Milestone

Sly celebrated 150 years in business.



1874

First Patent

Sly received the first U.S. patent for a fabric filter.

1960

Acquisition

Sly was acquired by Carrier Process Equipment Group, Inc. (CPEG), ending 145 years of being family owned and operated.

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