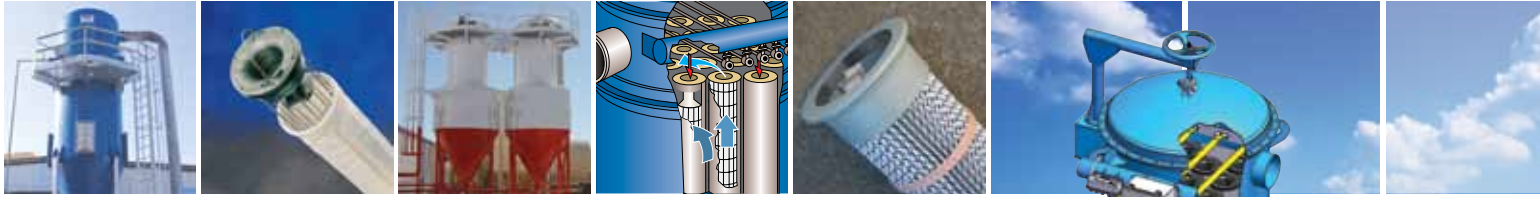


# TubeJet® Pulse-Cleaned Dust Collectors



## Cylindrical Series – CTR

### Top Bag Removal Dust Collectors and Filter Receivers

- 50-25,000 ACFM Capacities
- 20" w.g. to 17" Hg design pressures
- Full vacuum
- ASME code stamped housings
- Construction to 500°F design temperature

With Sly's experienced team of application engineers, each project is evaluated for a one-of-a-kind fit. Considerations include air volume, type of dust, dust loading, bulk density. Custom selections may include recommended filter area, bag spacing, drop out areas, pulse valve sizes.

*Always custom-engineered.*

*Always custom-fabricated in our own shop.*

*Be certain with Sly.*

OSHA-compliant  
combustible  
dust explosion  
protection per  
NFPA 654, 68 & 69

#### Benefits of Cylindrical Design

- High pressure and vacuum designs
- No corners for superior cleanability
- Round walls eliminate "cold spots" and condensation in high heat applications
- Conical hopper promotes easy discharge of collected dusts
- Cyclonic inlets handles high dust loads (optional)

#### Top Bag Removal Options

- Standard lift-off head (dished or flat head)
- Davit arm (optional)
- Walk-in plenum
- Top hatches available for some sizes

#### Optimum Pulse-Cleaning

- Adjustable solid state timer for fine tuning cleaning system
- On-demand cleaning to reduce compressed air consumption (optional)
- Varying pulse valve sizes matched to filter bags (length, number of bags)

#### High Filtration Efficiency

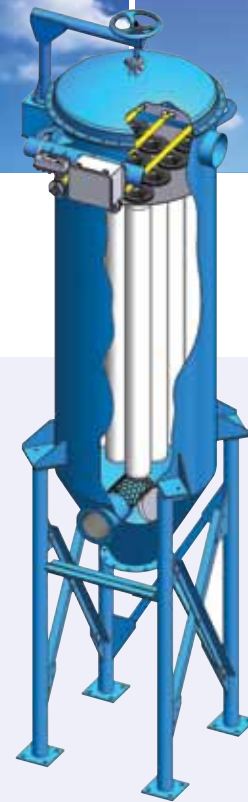
- Wide range of bag fabrics and finishes
- Snap-ring bag provides optimum filter seal
- Pleated bag designs available

#### Custom Design Options

- Configurable hopper slope/discharge
- 6" nominal diameter bag diameter (optional 4-1/2" diameter for light bulk density applications)

#### Reduced Downtime, Easy Maintenance

- Tool-less bag change-outs
- Foolproof one-way installation of pulse pipe



- Snap-ring filter bags
- Cage/venturi assembly with bail handle

#### Inlet Options

- Tangential inlet (internal cyclone ring)
- Surge hopper
- Abrasion-resistant inlets

#### Sly Standard Construction Benefits

- Radial low velocity dual stage inlet with diffuser decreases turbulence
- 12 vertical wire cage provides extra support, minimizing bag wear

#### Options

- Supports designed to ASCE-7
- Access platforms, straight or perimeter
- Blowers
- Discharge valves
- Explosion protection
- Sprinklers
- ANSI flanges (150 or 300 lb)
- Carbon, stainless or alloy construction

# TubeJet® Pulse-Cleaned Dust Collectors



## Cylindrical Series – CBR

### Side Bag Removal Dust Collectors and Filter Receivers

- 50-25,000 ACFM Capacities
- 20" w.g. to 17" Hg design pressures
- Full vacuum
- ASME code stamped housings
- Construction to 500°F design temperature

These collectors are ideal for high pressure, low headroom applications.

OSHA-compliant  
combustible  
dust explosion  
protection per  
NFPA 654, 68 & 69

#### Benefits of Cylindrical Design

- High pressure and vacuum designs
- No corners for superior cleanability
- Round walls eliminate "cold spots" and condensation in high heat applications
- Conical hopper promotes easy discharge of collected dusts
- Cyclonic inlets handles high dust loads (optional)

#### Optimum Pulse-Cleaning

- Adjustable solid state timer for fine tuning cleaning system
- On-demand cleaning to reduce compressed air consumption (optional)
- Varying pulse valve sizes matched to filter bags (length, number of bags)

#### High Filtration Efficiency

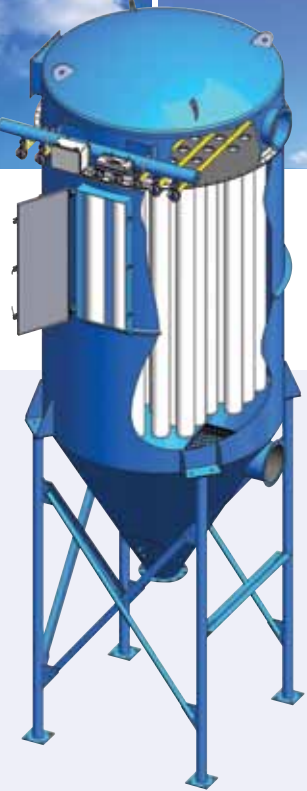
- Wide range of bag fabrics and finishes
- Pleated bag designs available

#### Custom Design Options

- Configurable hopper slope/discharge
- 6" nominal diameter bag diameter (optional 4-1/2" diameter for light bulk density applications)

#### Inlet Options

- Tangential inlet (internal cyclone ring)
- Surge hopper
- Abrasion-resistant inlets



#### Sly Standard Construction Benefits

- Radial low velocity dual stage inlet with diffuser decreases turbulence
- 12 vertical wire cage provides extra support, minimizing bag wear

#### Options

- Supports designed to ASCE-7
- Access platforms, straight or perimeter
- Blowers
- Discharge valves
- Explosion protection
- Sprinklers
- ANSI flanges (150 or 300 lb)
- Carbon, stainless or alloy construction
- Man grids

# SLY

INC

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