

# TubeJet® Pulse-Cleaned Dust Collectors



## Square Series – STJ Top Bag Removal Dust Collectors

- 50-200,000 ACFM Capacities
- 20" w.g. to 80" w.g. design pressures
- 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

### Top Bag Removal Options

- Hatch top (hinged)
- Walk-in plenum

### 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

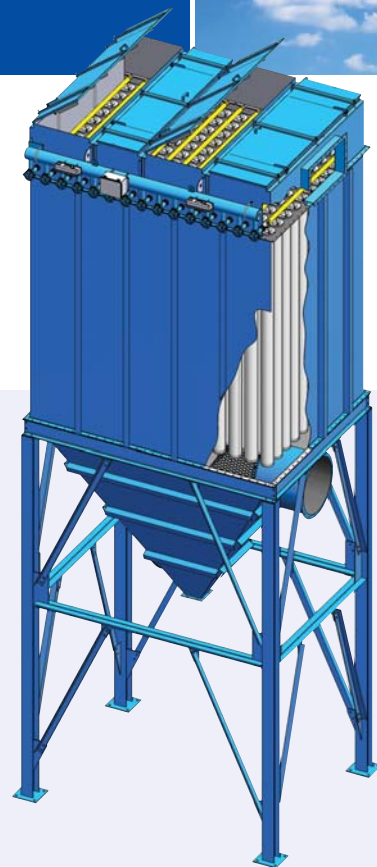
- Configurable hopper slope/discharge
- 6" nominal diameter bag diameter (optional 4-1/2" diameter for light bulk density applications)
- Side-mounted fans

### 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

- High side inlet



### 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
- Blowers
- Discharge Valves
- Explosion protection
- Sprinklers
- Carbon, stainless or alloy construction