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.

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

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

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

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
Square Series – SBR
Side Bag Removal Dust Collectors

- 50-50,000 ACFM Capacities
- 20” w.g. to 80” w.g. design pressures
- Construction to 500°F design temperature

When headroom is tight, these collectors can fit where top removal units can’t. Side door provides access for bag change-outs. These are outstanding collectors for bin vent applications.

Also available:

**PV Series**
Standard bin vents pre-engineered with:
- Roof flange for fan mounting
- Man grid
- Angle base

**Options**
- Supports designed to ASCE-7
- Access platforms
- Blowers
- Discharge valves
- Explosion protection
- Sprinklers
- Carbon, stainless or alloy construction
- Man grids

**OSHA-compliant combustible dust explosion protection per NFPA 654, 66 & 69**

**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)
- Roof/side-mounted fans

**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

©2012 Sly Inc. Printed in U.S.A. TubeJet is a registered trademark of Sly Inc.