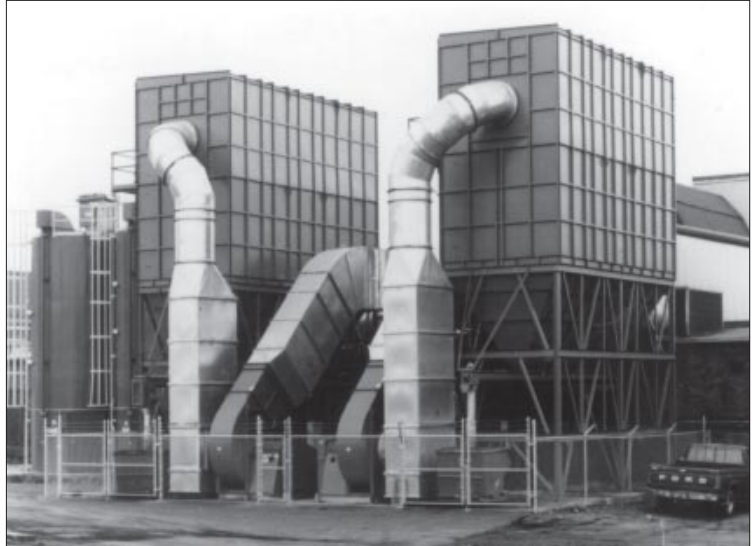


TubeJet® Collector STJ Series

- Need to comply with air quality codes? Our standard TubeJet collector can be *guaranteed*.
- Want to speed up that dirty maintenance chore of changing bags?...our design requires *no tools!*
- Tired of short bag life eating into your maintenance budget? You'll like the "*on demand*" optional cleaning feature.
- Got a tough application? Take advantage of our expertise ... call us with your special requirements.
- Can't wait for a custom solution? Because Sly does its own manufacturing, we can deliver a custom system engineered to meet your demanding process, and deliver it *on time!*

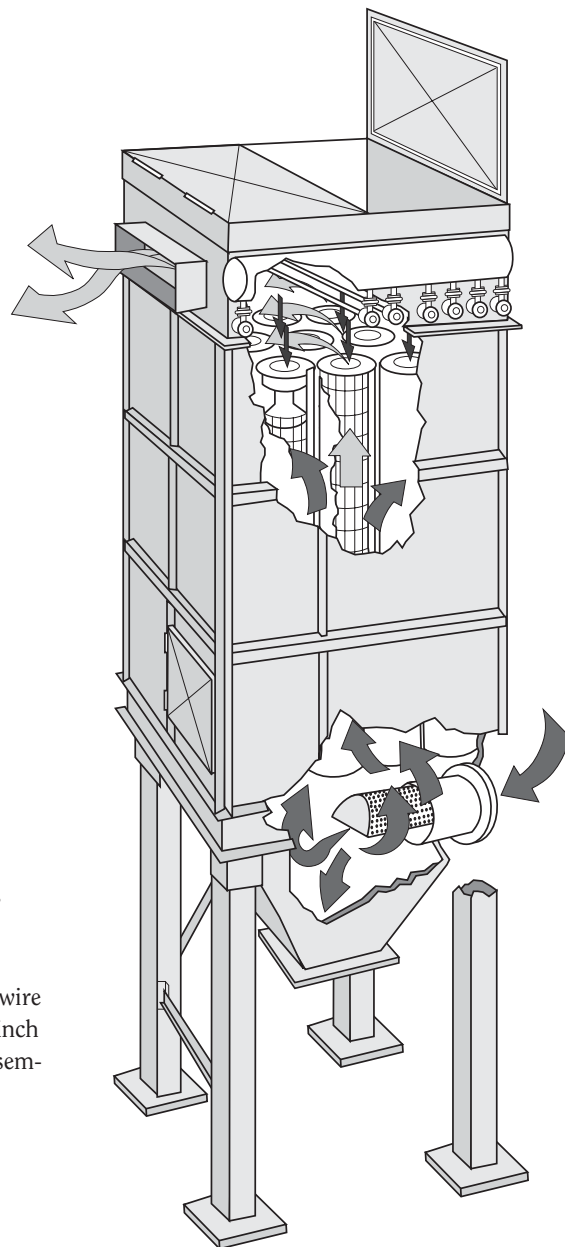


• **Quality, reliability and value...Total manufacturing and quality control because Sly makes it with pride in our own shop.**

You get this...	...Because we do this!
• Quick, low cost installation	<ul style="list-style-type: none"> √ Factory installed: timer, conduit & solenoids (pre-wired), air header, pulse valves & tubing √ Factory applied: primer inside & out, finish enamel out
• Longer bag life	<ul style="list-style-type: none"> √ Low velocity dual stage baffled inlet with diffuser decreases turbulence √ High side inlet (optional) √ 12 vertical wire cage provides extra support, minimizing bag wear
• Optimum cleaning	<ul style="list-style-type: none"> √ Bag design provides optimum filter area with minimum bag quantities
• High filtration efficiency	<ul style="list-style-type: none"> √ Snap-ring bag provides optimum filter seal √ Wide range of bag fabrics
• Product always flows	<ul style="list-style-type: none"> √ Configurable hopper slope/discharge
• Reduced compressed air consumption	<ul style="list-style-type: none"> √ "On demand" cleaning (optional)
• Steady air flow/low pressure drop	<ul style="list-style-type: none"> √ Multi-pulse adjustable solid state timer fine tunes cleaning system
• Reduced downtime, low cost, easy maintenance	<ul style="list-style-type: none"> √ Foolproof one-way installation pulse pipe √ Snap-ring filter bag √ Cage/venturi assembly equipped with bail handle



TubeJet® Collector STJ Series



Specifications:

Timer:

- Solid state, multi-pulse, adjustable, standard
- "Clean on demand," optional
- PLC controller, optional

Timer & solenoid enclosure:

- NEMA 4, standard
- NEMA 7/9, optional
- Heated, optional

Differential pressure gauge:

- Magnehelic, range 0-15" WG, standard
- Other ranges/types, optional

Pressure switch, photohelic:

- For "On-demand" cleaning, optional

Materials:

Housing:

- 12 ga carbon steel, standard
- Stainless steel, optional
- Special alloy, optional

Hopper:

- 12 ga carbon steel, standard
- 60° pyramidal slope, standard
- Trough hopper, optional
- Special hoppers, optional

Construction:

- Welded housing, standard
- Flanged and gasketed housing, optional
- Explosion relief doors/panels, optional
- High temperature construction, optional
- Factory insulation, optional

Surface protection:

- Primer in and out, finish enamel out, standard
- Special paint and coatings, optional
- Galvanized, optional

Operating pressure:

- +/-20" WG, standard
- High pressure, optional

Filter bags:

- Snap-ring, 5-3/4" diameter, standard
- Snap-ring, other diameters, optional
- Grounded, optional
- Various fabrics and finishes, optional

Cages:

- 11 ga galv steel; 12 vertical wire with horizontal rings on 8 inch centers; integral venturi assembly, standard
- Coated or alloy cages and venturis, optional

Air stream connections:

Inlet:

- Flanged, located in hopper, low velocity, dual staged with baffle and diffuser, standard
- High side location, optional

Outlet:

- Bolted exhaust cover, standard
- Custom configuration, optional

Access:

Housing:

- Top opening weatherproof tool-less hinged access doors, standard
- Bolted 24" x 31" inspection hatch, standard
- Walk-in clean air plenum, optional

Hopper:

- 20" dia. quick opening access door, standard
- Custom, optional

Supports:

- Structural steel legs, optional
- Access platform, optional
- Ladder, optional

Accessories:

- Control panel
- Exhaust fan
- Rotary valve
- Screw conveyor
- Drum filling attachment
- Other

Equipment Factor: 1.0

Refer to Air-to-Cloth Ratio Selector on page 4 of Catalog PS-100

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