

LIDDELL

D U S T C O L L E C T I O N

SILO TOP / CEMENT BATCHER

PJC (Cartridge) TYPE COLLECTOR:

- Pulse jet type collector with a 99.99 percent cleaning efficiency.
- One compartment with top entry cartridges.
- Solid state timer controlled reverse air pulse cleaning system.
- Adjustable control panel for duration and cycle times.
- Pre-wired and tested at the factory prior to shipment.
- Mounting flange.
- Requires 90 - 110 PSI of clean dry air.
- All equipment is treated with a zinc primer and painted with polyester polyurethane paint.



PJC-305

PJC-35



937-747-4300

www.SterlingConcreteEquipment.com

OPTIONS:

Remote Mount Package:

- Hopper bottom to accommodate 6" flex hose discharge.
- Mount bracket for customer installation.
- Discharge angle to batcher must be a minimum of 45° to allow flow back to batcher.
- Unit to include 10' of 6" flex hose and stub for batcher.

BATCHER COLLECTORS:

| | PJC-35 | PJC-70 |
|---------------------------|------------------------|-------------------------|
| Total Filtration Area | 37 | 75 |
| Cartridge Size | 5(5/8)" Dia. x 20" Lg. | 5 (5/8)" Dia. x 20" Lg. |
| Total # of Cartridges | 2 | 4 |
| Design CFM | 210 | 420 |
| Fan | None | None |
| Design Static Pressure | 8" | 8" |
| Air to Cloth Ratio | 5.68 | 5.60 |
| Outlet Area (Sq.Ft.) | 0.28 | 0.28 |
| Outlet Velocity (FPS) | 12.50 | 25.00 |
| Timer Controlled Cleaning | Reverse Air Pulse | Reverse Air Pulse |
| Compartment Number | 1 | 1 |

Silo Top / PJC Type Dust Collector:

- Pulse jet type collector with a 99.99 percent cleaning efficiency.
- One compartment with top entry cartridges.
- 3/4" Asco solenoid valves and an in-line filter and regulator.
- Hinged top entry for easy entry into the system.
- Solid state timer controlled reverse air pulse cleaning system.
- Adjustable control panel for duration and cycle times.
- Pre-wired and tested at the factory prior to shipment.
- Requires 90 – 110 PSI of clean dry air.
- Mounting flange.
- All equipment is treated with a zinc primer and painted with polyester polyurethane paint

SILO TOP COLLECTORS

| | PJC-350 | PJC-525 | PJC-1000 |
|----------------------------|-------------------|-------------------|-------------------|
| Total Filtration Area | 350 | 525 | 1046 |
| Cartridge Size | 8" X 40" | 8" X 40" | 8" X 79" |
| Total Number of Cartridges | 8 | 12 | 12 |
| Design CFM | 2,000 | 3,000 | 4,000 |
| Fan | None | None | None |
| Design Static Pressure | 8" | 8" | 8" |
| Air to Cloth Ratio | 5.71 | 5.71 | 5.74 |
| Outlet Area | 0.54 | 1.50 | 1.50 |
| Outlet Velocity | 52.47 | 26.67 | 45.45 |
| Timer Controlled Cleaning | Reverse Air Pulse | Reverse Air Pulse | Reverse Air Pulse |
| Compartment Number | 1 | 1 | 1 |

STANDARD

Pressure Switch for Silo Top Dust Collectors:

- PJC type silo top filters will come on automatically based on a pre-set pressure.

Minihelic Gauge for Silo Top Dust Collectors:

- Allows visual inspection of PJC filter media based on a pressure difference between the clean and dirty side of the filter media.



**Call Today
937-747-4300**