

SC Series

The SC-Series Cartridge Collector is a horizontal yet heavy duty reverse-jet cartridge collector with the manufacturing quality you have come to expect from SDC. The bin is fully welded [NOT bolted], and operates with a downward airflow, and includes SDC's patented nozzle-based cleaning technology. Cartridges are secured without the need of tools via a removable-hinged access door for quick and easy cartridge changes. The SC collectors are on-line self cleaning units with a solid state timer board for the cleaning system.

SC Series Horizontal Cartridge Collector



STANDARD FEATURES

- Patented Cleaning Nozzle Technology.
- Compressed Air Required: 90 – 100 PSI. Must be clean and dry.
- All units designed for indoor/outdoor use.
- 12 gauge steel bin and hopper, reinforced to withstand ± 17 IWC static pressure
- Solid state timer pre-wired in NEMA 4 enclosure (110 V).
- Welded construction, preassembled to largest feasible shipping sections. Standard designed for 115 MPH winds, and Zone 3 seismic loads.
- Compressed air manifold mounted with pipe couplings on both ends for easy connection of air supply.
- 55 degree hopper with discharge clearance of 42". Sized for a slide gate or 55 gallon drum adapter.
- Flanged pre-drilled inlet, and flanged pre-drilled outlet.
- Hinged Access Door.
- No tool cartridge removal.
- Zinc oxide primer on the interior and exterior, and an exterior finish of industrial enamel (color is tan or graphite).
- One differential pressure gauge with dust trap and connecting hardware.
- One full set of Duratex II cartridges (99.99% efficiency).

We can also assist with meeting NFPA and OSHA Standards.



SCIENTIFIC
DUST COLLECTORS

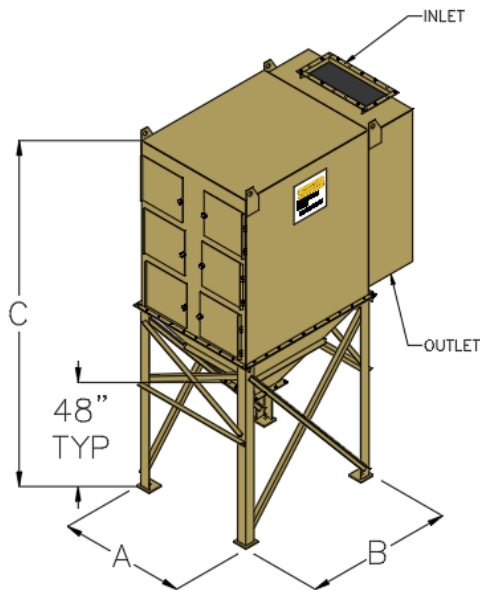
4101 W. 126th Street • Alsip, IL 60803 USA
ph 708-597-7090 • fx 708-597-0313

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SC Series

MODEL	"A"	"B"	"C"	INLET & OUTLET SIZE	QTY. VALVES	COMPRESSED AIR USAGE	TOTAL WEIGHT (LBS)
SC-2	46"	32"	94"	8" x 8"	2	0.5 - 3.1	1,250
SC-4	46"	32"	116"	11" x 11"	4	0.9 - 6.1	1,600
SC-8	52"	60"	126"	12" x 20"	4	1.8 - 6.1	2,200
SC-12	52"	60"	148"	12" x 30"	6	2.8 - 9.2	2,750
SC-16	52"	60"	170"	13" x 38"	8	3.7 - 12.2	3,250
SC-18	75"	60"	158"	13" x 42"	9	4.1 - 13.8	3,800
SC-24	75"	60"	180"	13" x 56"	12	5.5 - 18.4	4,400



LEGEND:

Example: SC-4

- SC – Model
- 4 – Number of Filters

Larger Models Available

ALL DIMENSIONS AND WEIGHTS ARE APPROXIMATE, AND ARE TO BE USED FOR REFERENCE ONLY.



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