



United Air Specialists, Inc.

a CLARCOR company

SDC Series



SELF-CONTAINED SHAKER DUST COLLECTOR

Clean air. It's what we do.®

SDC Series

Compact system eliminates the need for costly compressed air.



SELF-CONTAINED SHAKER-TYPE DUST COLLECTOR

The SDC Series of dust collectors from United Air Specialists are ideal for intermittent industrial processes. These shaker-style systems effectively collect airborne pollutants at the source, as well as clean their own filter media upon shutdown. Available as a bin vent or standalone collector, the SDC offers several discharge options including pail and drum arrangements.

The compact SDC takes up very little factory floor space and eliminates the need for expensive compressed air. Installation is fast and easy, as this self-contained system comes complete with fan, fan motor, automatic shaker, shaker motor and equipment controller. The SDC also offers a wide selection of application-specific bag filters to best fit your company's process. And with this system's user-friendly cam-action bar locking mechanism, routine inspections and filter change outs are quick and tool-free.

TYPICAL APPLICATIONS

Industries

- Ceramics
- Pharmaceuticals
- Plastics
- Pulp and Paper
- Rock and Related Products
- Rubber
- Woodworking

Processes

- Bin Ventilation
- Grinding
- Packaging
- Polishing
- Sanding
- Sawing

SPECIFICATIONS

SDC Model #	Media Area (ft. ²)	Nominal Airflow Range	No. of Filters	No. of Pockets	Inlet Diameter (in.)
SDC-70	70	280 - 840	1	12	6
SDC-140	141	564 - 1692	1	14	8
SDC-210	211	844 - 2532	1	21	10
SDC-280	281	1124 - 3372	1	18	12
SDC-350	343	1372 - 4116	1	22	14
SDC-420	421	1684 - 5052	2	42	(2) 10
SDC-560	562	2248 - 6744	2	36	(2) 12
SDC-700	686	2744 - 8232	2	44	(2) 14



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FEATURES & BENEFITS

FLEXIBLE FILTER INSERTS

Keep bags open to optimize airflow and assist in shaking off dust during cleaning cycles.

CAM-ACTION LOCKING BARS

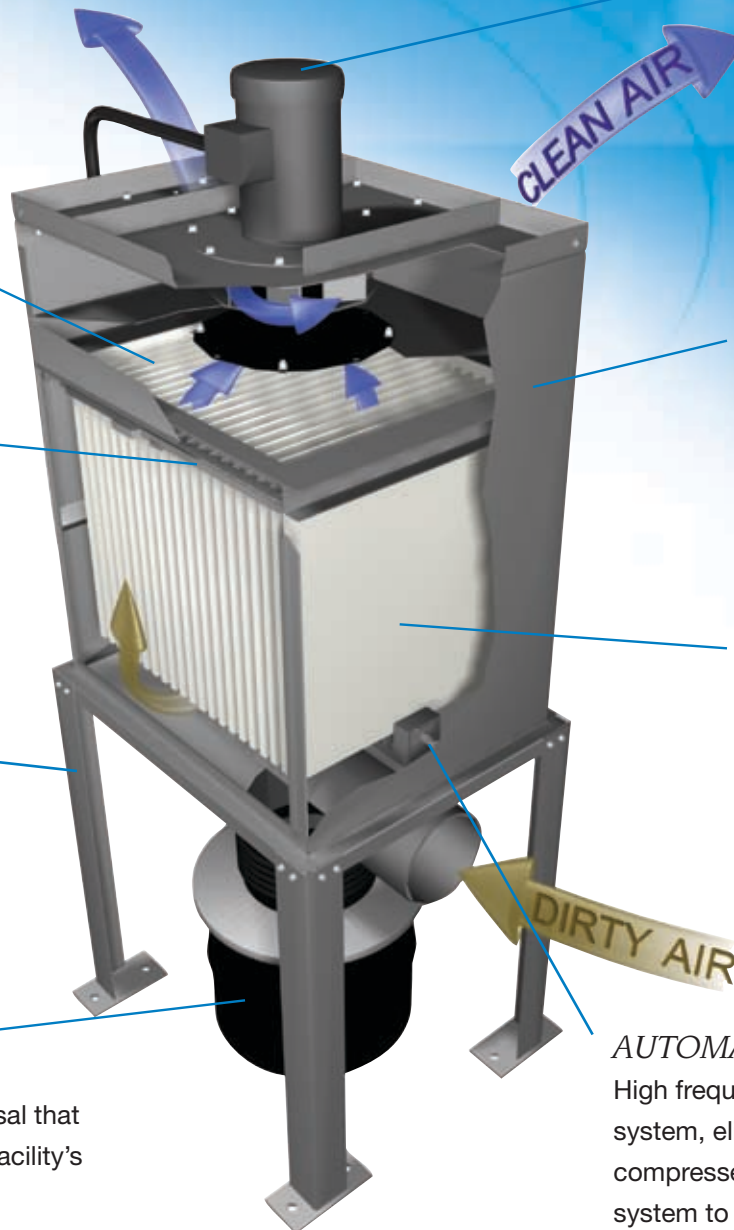
Facilitates fast, simple and tool-free filter installation and replacement.

HEAVY-DUTY CONSTRUCTION

Designed and manufactured to meet Seismic Zone 4 and 100 mph wind load structural rating.

MULTIPLE DISCHARGE OPTIONS

Allows for convenient dust disposal that matches your process and your facility's requirements.



TEFC MOTOR
Suitable for indoor and outdoor service.

POWDER-COATED FINISH

All components have electrostatically applied paint that prevents fading and chalking.

HIGH-EFFICIENCY FILTER BAGS

Remove up to 99+% of general industrial dust by weight and provide longer filter life.

AUTOMATIC CLEANING

High frequency vibratory cleaning system, eliminates the need for costly compressed air with a filter shaking system to dislodge the dust cake.

A performance-driven solution:

- ✓ **Energy Savings** - Cleaned plant air can be re-circulated to reduce exhaust and energy costs.
- ✓ **Easy Maintenance** - Self-cleaning system and simple tool-free filter replacement.
- ✓ **Self-Contained Operation** - Unit arrives with everything necessary to begin collecting dust.
- ✓ **Compact Design** - Conserves valuable floor space, and the unit can be located next to machinery.
- ✓ **Quiet Operation** - Backward-inclined blower wheel improves operating efficiency and reduces unnecessary noise.
- ✓ **Flexible Performance** - Designed to meet your exact requirements.
- ✓ **Safer Work Environment** - Improves indoor air quality by removing airborne pollutants.

WHY CHOOSE UNITED AIR SPECIALISTS?

A world-renowned reputation. For more than 40 years, we've been an industry leader in air quality technology — a proven track record that speaks for itself.

Commitment to quality products. Measuring our quality against documented expectations, we practice continuous improvement methods to anticipate challenges and implement successful solutions.

Unparalleled customer support. As a customer-driven solutions provider, we earn credibility and establish successful relationships by exceeding expectations for professional service and attitude.

Innovative technical leadership. Always, we keep technology at the forefront — ensuring continuous product advancements through ongoing investments in design and manufacturing.

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