



**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. <sup>2</sup> )	Nominal Airflow Range	No. of Filters	No. of Pockets	Inlet Diameter (in.)
SDC-70	70	280 - 840	1	12	4 - 7
SDC-140	141	564 - 1692	1	14	6 - 10
SDC-210	211	844 - 2532	1	21	7 - 12
SDC-280	281	1124 - 3372	1	28	8 - 14
SDC-350	343	1372 - 4116	1	22	9 - 16
SDC-420	421	1684 - 5052	2	42	(2) 7 - 12
SDC-560	562	2248 - 6744	2	56	(2) 8 - 14
SDC-700	686	2744 - 8232	2	44	(2) 9 - 16



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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*

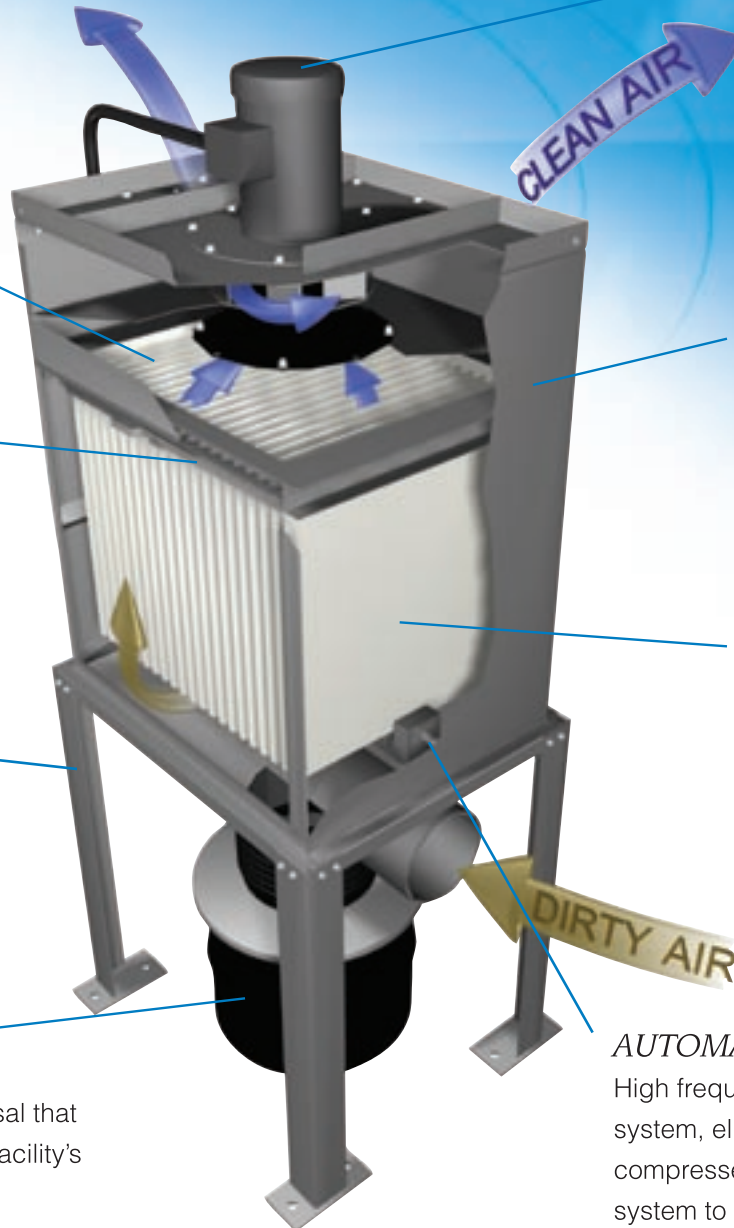
Facilitates fast, simple and tool-free filter installation and replacement.

### *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 40 years, we've been the 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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