RDC-2X5-10C

Dimensions w/ intake(s): 136D" x 52W" x 125H"

Base Weight: 5,910 lbs.
Includes base collector, HLL & intake(s)

Equipment	Video Link
Controls: ePro 7" touchscreen for ease of use.	▶
Heavy Duty Construction: Fully welded 7 & 11 gauge steel	▶
Pulsing System: 22 SCFM	▶
Filter Design: Included as standard to improve filter life and reduce energy consumption	▶
Blower/Motor Combination: designed for energy efficiency	
SafeSensor Particulate Monitor: detects leaks past the filters	
Air Intake: reduces airspeed allowing heavy dust to fall away from filters	▶
Warranty: 15 years on the cabinet; 5 years on components *(See warranty document for details)*	
Fire Suppression (optional): FM-200, CO_2, water	▶
Built-in Stack Silencer (optional): for quiet operation	
After Filters (optional): HEPA or active carbon	▶
Explosion Vent (optional): part of a complete NFPA package	▶

Specifications

135.58
105.00
42.00
51.88

209.14
165.50
145.75
87.87
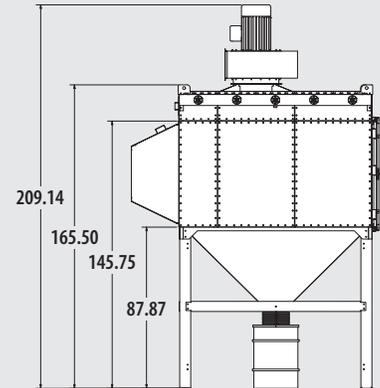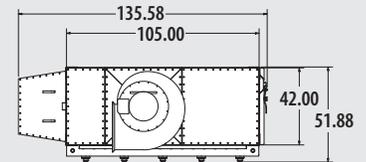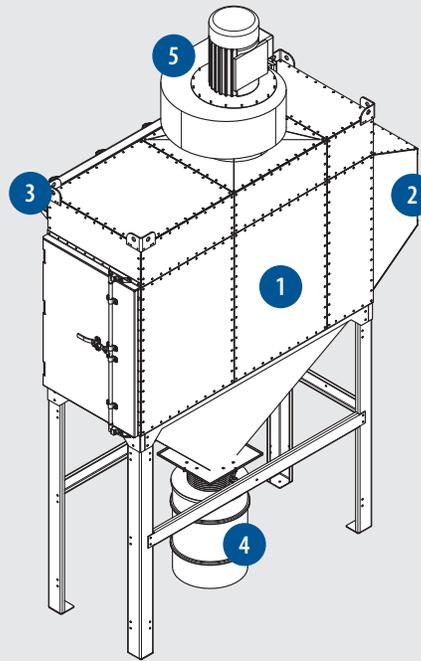
1 Filter Cabinet Assembly
2 Air Intake
3 Advanced Pulsing System
4 Dust Containment Bin
5 SafeSensor Particulate Monitor

Part No.	Qty.	Configuration	CFM @ "SP*	PL A:C	EX A:C
Motor					
SH-5-1548-PLR-3550-TM	(1)	5 HP • 15 @ 48%	1,500 @ 10.0	N/A	0.7:1
SH-10-1708-ALM-3550-TM	(1)	10 HP • 17 @ 100%	2,000 @ 15.0	N/A	1.0:1
SH-15-2048-ACF-3550-TM	(1)	15 HP • 20 @ 48%	4,000 @ 15.0	0.9:1	1.9:1
SH-25-2084-ACF-3550-TM	(1)	25 HP • 20 @ 84%	7,000 @ 15.0	1.5:1	3.3:1
SH-40-2272-ACF-3550-TM	(1)	40 HP • 22 @ 72%	10,000 @ 15.0	2.2:1	4.8:1
SH-50-2286-ACF-3550-TM	(1)	50 HP • 22 @ 86%	12,000 @ 15.0	2.6:1	5.7:1
SH-75-2476-PLR-3550-TM	(1)	75 HP • 24 @ 76%	18,000 @ 15.0	3.9:1	8.6:1

*(Usable static)

RoboVent®

Making a Difference One Breath at a Time.

Required Selections	Item Description
Intake Options	
RDC-IT-02	Senturion 2 Wide Standard Intake
RDC-AB-02	Senturion 2 Wide Abrasive Intake*
Must mount on IT Standard Intake	
Containment Options	
RDC-HSL-2X5-10C	Senturion 10-Cartridge 20-Gal Hopper & Legs (adds 70" to base height)
RDC-HLL-2X5-10C	Senturion 10-Cartridge 55-Gal Hopper & Legs (adds 88" to base height)
Filter Option	
PL-14D52-M11-SF21-10	Pleatlock M11 Cartridge Filters (MERV 11)
PL-14D52-A15-SF21-10	Pleatlock A15 Cartridge Filters (Nano MERV 15)
EX-14D52-B16-SF21-10	Endurex B16 Cartridge Filters (PTFE MERV 16)
Controls Mounting	
RDC-CTRL-GM	Ground Mounted Control Panel
RDC-CTRL-CM	Collector Mounted Control Panel
RDC-CTRL-WM	Wall Mounted Control Panel
480v & 575v Whip Options (1 Required per Motor)	
15' & 30' Length Available	

Options	Item Description
After Filters	
RDC-HEPA-2X5	Senturion 10-Cartridge Top Mount Pre-Blower HEPA Filter (adds 40" to base collector height)
RDC-CARBON-2X5	Senturion 10-Cartridge Top Mount Post-Blower Carbon Filter
Fire Suppression	
RDC-SPKLR-2X5-10C	Water Sprinkler System
RDC-CO2-2X5-10C-ID	CO_2 System w/ Intake Damper
RDC-CO2-2X5-10C	CO_2 System w/out Intake Damper
RDC-FM200-2X5-10C-ID	FM200 Fire Suppression System w/ Intake Damper
RDC-FM200-2X5-10C	FM200 Fire Suppression System w/out Intake Damper
Service Platform	
Senturion 2-Wide Service Platform (Includes rails, gate(s) and ladder)*	
Adds 65" to door side of collector	
NFPA Options	
	ST1 NFPA Standard Package*
	ST2 NFPA Standard Package*
Requires selection of HLL option. Includes RAL, explosion vents & controls	
Options and Upgrades	
CMR-20	AutoSaver Sensor
SSG-DTS	SuperSeal Hopper Gate
BLS-110	Barrel Sensor (requires RDC-CTRL-EX)
RDC-CTRL-EX	Controls Expansion Module (required for BLS or summer/winter dampers)

## Additional Resources and Downloads (click image to retrieve material)

Owner's Manual
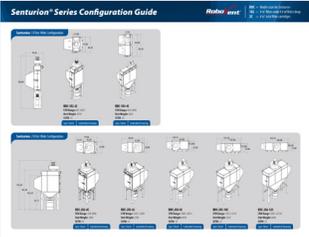
Equipment Configurations

Product Video

Submittal Drawing