RDC-14X4-56C

Dimensions w/ intake(s): 120D" x 294W" x 135H"

Base Weight: 20,115 lbs.
Includes base collector, HLL & intake(s)

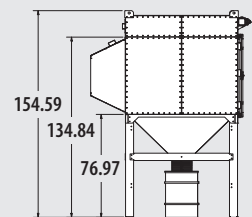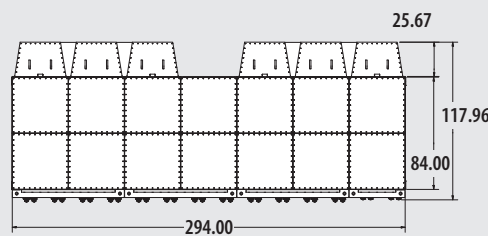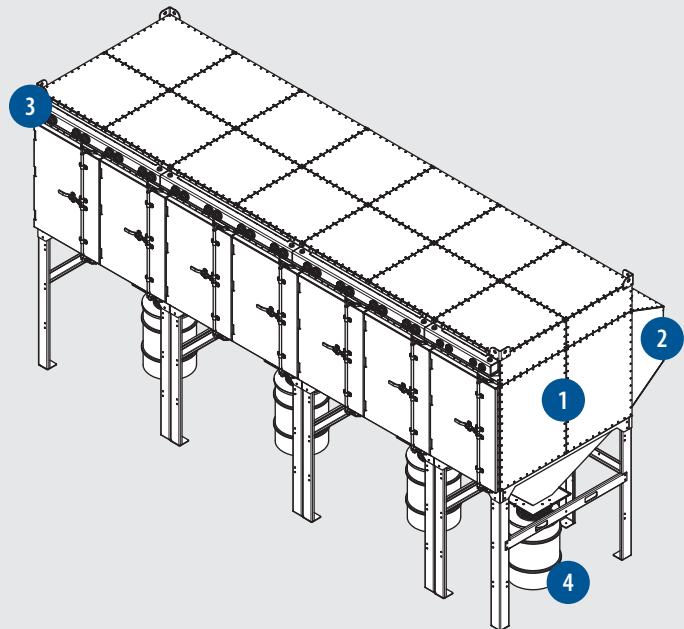| Equipment	Video Link
Controls: ePro 7" touchscreen for ease of use.	▶
Heavy Duty Construction: Fully welded 7 & 11 gauge steel	▶
Pulsing System: 62 SCFM	▶
Filter Design: Included as standard to improve filter life and reduce energy consumption	▶
Blower/Motor Combination: designed for energy efficiency	
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): 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

25.67
117.96
84.00
294.00
154.59
134.84
76.97

1. Filter Cabinet Assembly
2. Air Intake
3. Advanced Pulsing System
4. Dust Containment Bin
5. SafeSensor Particulate Monitor

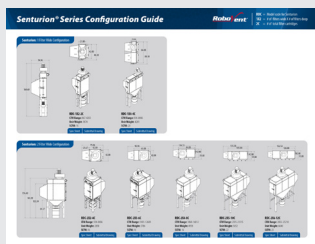| Part No.	Qty.	Configuration	CFM @ "SP*	PL A:C	EX A:C
Motor					
SH-50-2286-ACF-3550-TM	(1)	50 HP • 22 @ 86%	12,000 @ 15.0	N/A	1.0:1
SH-75-2476-PLR-3550-TM	(1)	75 HP • 24 @ 76%	18,000 @ 15.0	0.7:1	1.5:1
SH-75-4061-ACF-1880-TM	(1)	75 HP • 40 @ 61%	24,000 @ 15.0	0.9:1	1.9:1
SH-75-2476-PLR-3550-TM	(2)	75 HP • 24 @ 76%	36,000 @ 15.0	1.4:1	3.1:1
SH-75-4061-ACF-1880-TM	(2)	75 HP • 40 @ 61%	48,000 @ 15.0	1.8:1	3.7:1
SH-75-2476-PLR-3550-TM	(3)	75 HP • 24 @ 76%	54,000 @ 15.0	2.1:1	N/A
SH-75-4061-ACF-1880-TM	(3)	75 HP • 40 @ 61%	72,000 @ 15.0	2.7:1	N/A

(Usable static)

Required Selections	Item Description
Intake Options	
RDC-IT-06	Senturion 6 Wide Standard Intake
RDC-AB-06	Senturion 6 Wide Abrasive Intake*
*Must mount on IT Standard Intake	
Containment Options	
RDC-HSL-14X4-56C	Senturion 56-Cartridge 20-Gal Hopper & Legs (adds 59" to base height)
RDC-HLL-14X4-56C	Senturion 56-Cartridge 55-Gal Hopper & Legs (adds 77" to base height)
Filter Option	
PL-14D52-M11-SF21-56	Pleatlock M11 Cartridge Filters (MERV 11)
PL-14D52-A15-SF21-56	Pleatlock A15 Cartridge Filters (Nano MERV 15)
EX-14D52-B16-SF21-56	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-14X4	Senturion 56-Cartridge Top Mount Pre-Blower HEPA Filter (adds 40" to base collector height)
RDC-CARBON-14X4	Senturion 56-Cartridge Top Mount Post-Blower Carbon Filter
Fire Suppression	
RDC-SPKLR-14X4-56C	Water Sprinkler System
	CO_2 System w/ Intake Damper*
	FM200 Fire Suppression System w/ Intake Damper*
*Consult with Engineering for FM200 solutions over 16 cartridges & CO_2 solutions over 48 cartridges	
Service Platform	
Senturion 14-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)
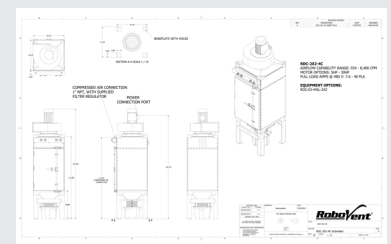

Owner's Manual

Equipment Configurations

Product Video

Submittal Drawing