



Date: October 29, 2012

To: Evageline Lousiana Technical College

Project: option#1

Attn:

Recommended Equipment:

- (1) SDC-25-24MDF Cartridge Collector Drawer Type w/ Feet
 - 10,600CFM @ 8" SP
 - normal 12" x 52"L polyester cartridges
- (1) SDC-25x2-32MDF Cartridge Collector Drawer Type w/ Feet
 - 21,200CFM @ 8" SP
 - normal 12" x 52"L polyester cartridges
- (2) SDC-30-24MDF Cartridge Collector Drawer Type w/ Feet
 - 13,000CFM @ 8" SP
 - normal 12" x 52"L polyester cartridges
- (60) WB-1044 w/ ARM-2020
 - J-hooks
 - C clamp

Avani Environmental Intl. Inc.

95 Cypress Drive

Youngsville, NC 27596

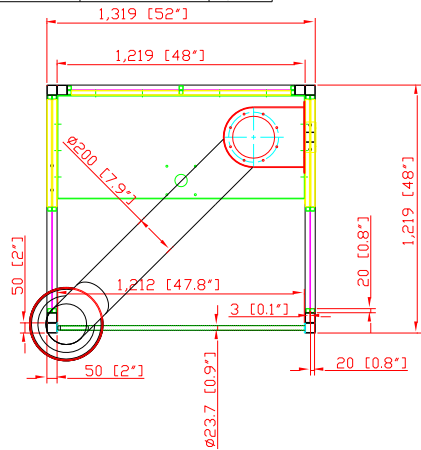
www.avanienvironmental.com

Phone: (919) 570-2862

Fax: (919) 570-2863

Email: info@avanienvironmental.com

www.weldingbooths.com



WB-1044 WELDING BOOTH SPECIFICATIONS

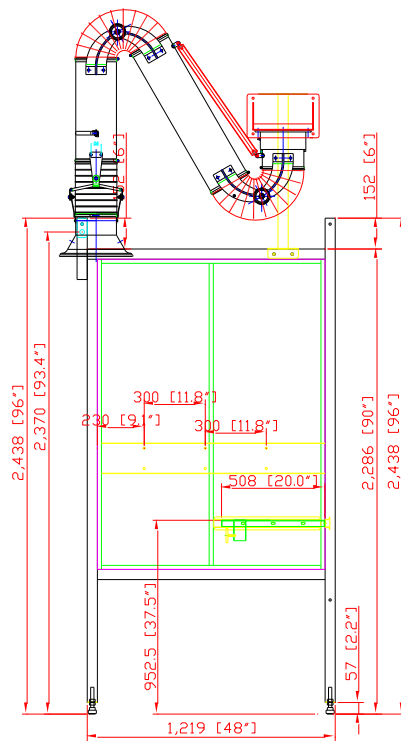
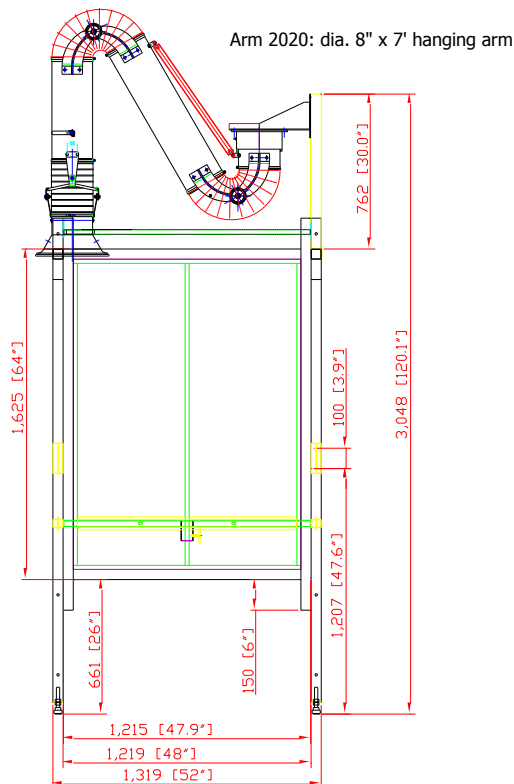
- Adjustable Level System: (4) dia. 2.36" Feet
- Panel Construction: 11-gauge welded steel
- Welding Curtain Supports: (1) set welding curtain bar
- Fume Arm Base Supports: (1) to match an optional bracket (6 bolt pattern) and an optional dia. 5" fume arm
- Powder Coated: Avani Safety Blue Standard (custom colors available)
- Three Piece Configuration: (2) side panels, (1) back panel.
- Booths can be mounted back-to-back, side-by-side or both options
- ***Unadjustable Fixed Rear Shelf: 48"W x 20"D x 1.1"H (solid with 2" hole drilled)

OPTIONS

- Welded Nuts: Optional locations for J-Hooks
- Welding Nuts: For wire feeder or welder bracket

OPTIONAL ACCESSORIES:

- Arm 2020: dia. 8" x 7' hanging arm
- BR 008 bracket 008: mounting bracket for dia. 8" fume arm



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Date	Name
2012-10-29	***
Checked by:	

Part Number:
dia. 8" arm

Title:
WB-1044

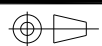
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Size
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Drawing Number:
WB-4x4S

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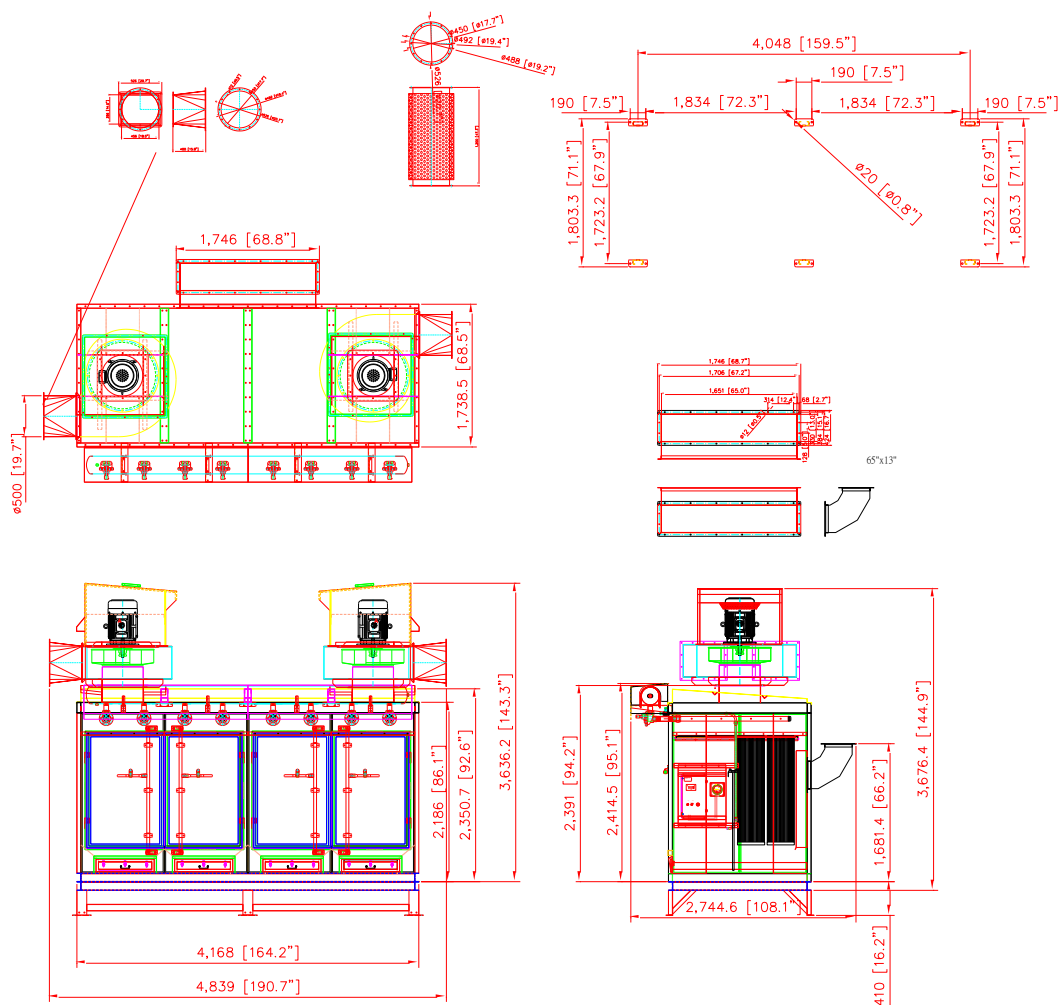
IF IN DOUBT ASK



Revisions

Rev	Description	Date	Approved
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- SDC-25x2-32MDF SPECIFICATION -



- YTI Direct Drive Blower (on the machine top)
- YTI Motor: 25HP x2 pc
- YTI CFM: 21,200 ft³/min @ 8" SP
- YTI Include:
 - UL Individual Control Boxes for Cartridge Collector and Blowers
- YTI Inlet: 1651 x 330 mm (65" x 13")
- YTI Cartridge Filter: Dia. 325mm x 1320mm x 32pcs (Dia. 12.8" x 52" x 32pcs)
- YTI Material: Polyester with TEFLON coating.
- YTI Filter Area: 19m² x 32 = 608m² (6542.08 ft²)
- YTI Pleat Depth: 48mm
- YTI Horizontal Positioned Filters,
- YTI Continuous Welded Seams,
- YTI Gasket and Latched Doors,
- YTI Powder Coated Paint and
- YTI Reverse Jet Pulse Cleaning
- YTI Include:
 - Filter Chamber
 - Inlet Square Pipe (need dimensions)
 - Fan/motor combinations
- YTI No. of Valves: 8
- YTI Inlet Air: $\frac{3}{4}$ "
- YTI Compressed Air Requirement: 90 PSI
- YTI Compressed Air Reservoir: 31.6 gallon
- YTI Dimension: 190.7" x 108.1" x 144.9" (4839 x 2744.6 x 3676.4mm)
- YTI Construction: 13 Gauge for panel; 11 Gauge Steel Cabinet
- YTI Max. Operating Temp.: 120°C
- YTI Paint Color: Blue

***with Feet underneath the machine.

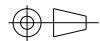
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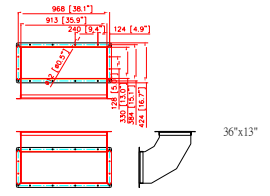
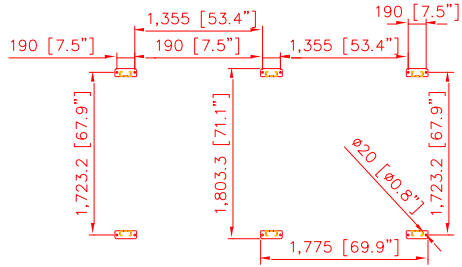
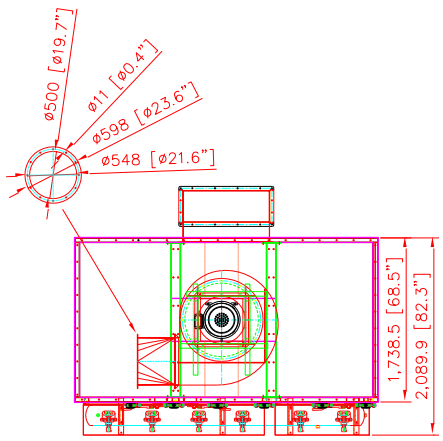
Date	Name	Part Number:	Title:
2012-10-29	***	SDC-25x2-32MDF	Cartridge Collector (drawer type) w Feet
Drawn by:			
Checked by:			
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		Drawing Number: SVL-3200-02	

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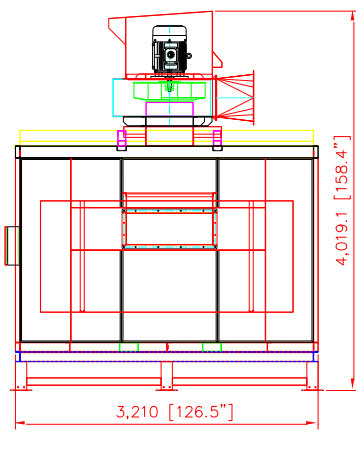
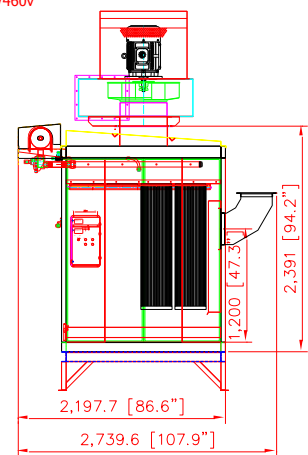
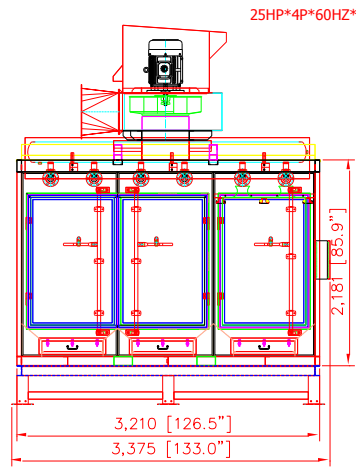
Revisions			
Rev	Description	Date	Approved



- SDC-25-24MDF SPECIFICATION -

- YI Direct Drive Blower (on the machine top)
- YI Motor: 25HP x 1 pc
- YI CFM: 10,600 ft³/min @ 8" SP
- YI Include:
 - UL Individual Control Boxes for Cartridge Collector and Blowers
- YI Inlet: 913 x 330 mm (36" x 13")
- YI Cartridge Filter: Dia. 325mm x 1320mm x 24pcs (Dia. 12.8" x 52" x 24pcs)
- YI Material: Polyester with TEFLON coating.
- YI Filter Area: 19m² x 24 = 456m² (4906.56 ft²)
- YI Pleat Depth: 48mm
- YI Horizontal Positioned Filters,
- YI Continuous Welded Seams,
- YI Gasket and Latched Doors,
- YI Powder Coated Paint and
- YI Reverse Jet Pulse Cleaning
- YI Include:
 - Filter Chamber
 - Inlet Square Pipe (need dimensions)
 - Fan/motor combinations
- YI No. of Valves: 6
- YI Inlet Air: ³/₄"
- YI Compressed Air Requirement: 90 PSI
- YI Compressed Air Reservoir: 23.7 gallon
- YI Dimension: 133" x 107.9" x 158.4" (3375 x 2739.6 x 4019.1mm)
- YI Construction: 13 Gauge for panel; 11 Gauge Steel Cabinet
- YI Max. Operating Temp.: 120°C
- YI Paint Color: Blue

***with Feet underneath the machine.



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Drawn by:	Date	Name	Part Number: SDC-25-24MDF	Title: Cartridge Collector (drawer type) w Feet
Checked by:	2012-10-29	***		
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Drawing Number:
SVL-2400-02

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Revisions

Rev	Description	Date	Approved
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- SDC-30-24MDF SPECIFICATION -

- Direct Drive Blower (on the machine top)
- Motor: 30HP x 1 pc
- CFM: 13,000 ft3/min @ 8" SP
- Include:
 - UL Individual Control Boxes for Cartridge Collector and Blowers

- Inlet: 913 x 330 mm (35.9" x 13")
- Cartridge Filter: Dia. 325mm x 1320mm x 24pcs (Dia. 12.8" x 52" x 24pcs)
- Material: Polyester with TEFLON coating.
- Filter Area: 19m² x 24 = 456m² (4906.56 ft²)
- Pleat Depth: 48mm

- Horizontal Positioned Filters,
- Continuous Welded Seams,
- Gasket and Latched Doors,
- Powder Coated Paint and
- Reverse Jet Pulse Cleaning
- Include:

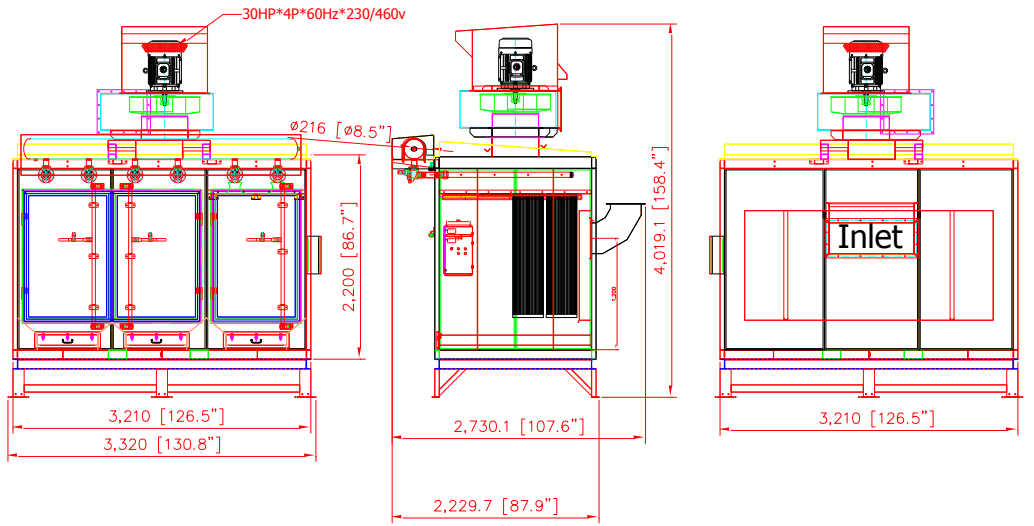
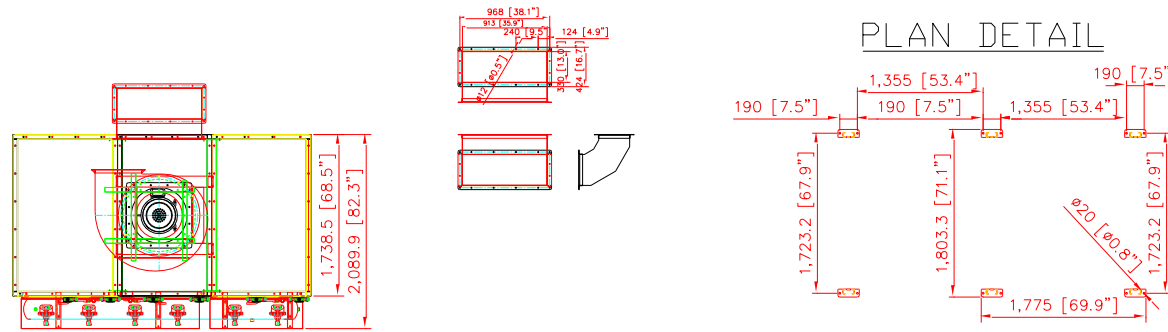
- Filter Chamber
- Inlet Square Pipe (need dimensions)
- Fan/motor combinations
- No. of Valves: 6

- Inlet Air: $\frac{3}{4}$ "
- Compressed Air Requirement: 90 PSI
- Compressed Air Reservoir: 23.7 gallon
- Dimension: 130.8" x 107.6" x 158.4" (3320 x 2730.1 x 4019.1mm)
- Construction: 13 Gauge for panel; 11 Gauge Steel Cabinet
- Max. Operating Temp.: 120°C
- Paint Color: Blue

***with Feet underneath the machine.

***Pulse Control Box: run off of 120V / 60Hz/ 1-phase, no transformer inside the pulse box. Pulse Box located outside the building on the collector.

***Blower Control Box 460V / 60Hz / 3-phase, with transformer. Blower box located inside the building.



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	Date	Name
Drawn by:	2012-03-17	***
Checked by:	2011-06-28	

Part Number:	SDC-30-24MDF
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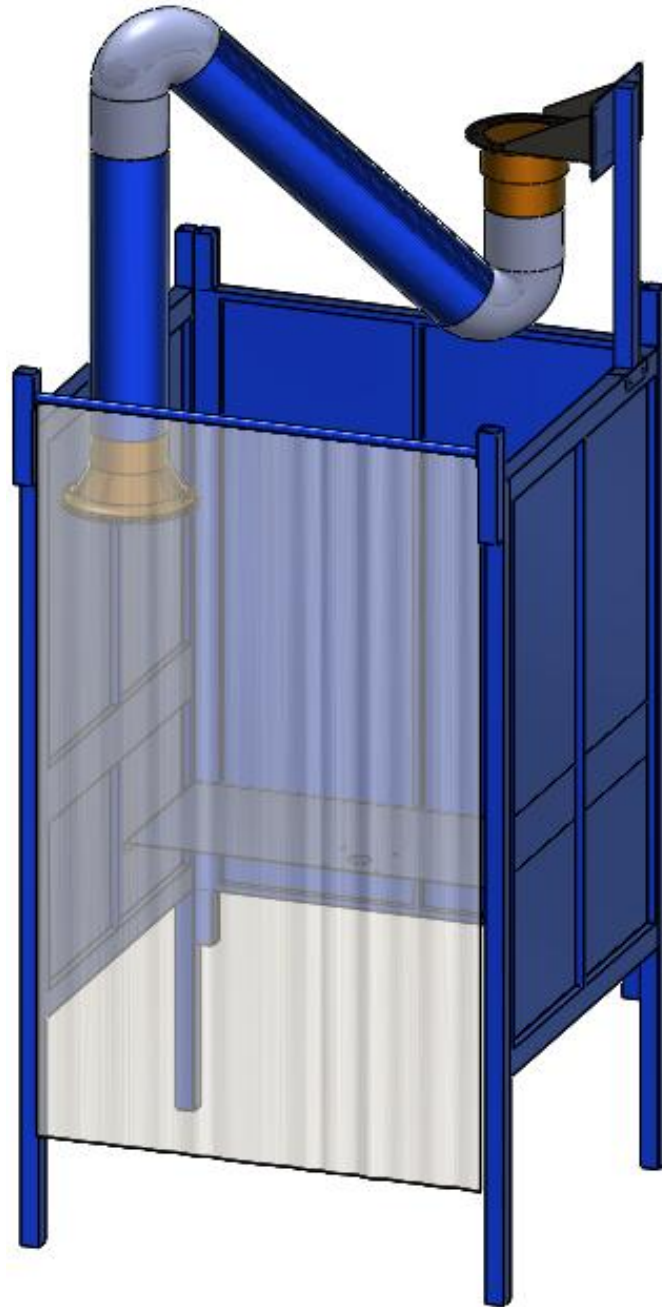
Title:	Cartridge Collector (drawer type) w Feet
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Size	Scale
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Drawing Number:	SVL-2400-02
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WB-1044 w/ ARM-2020

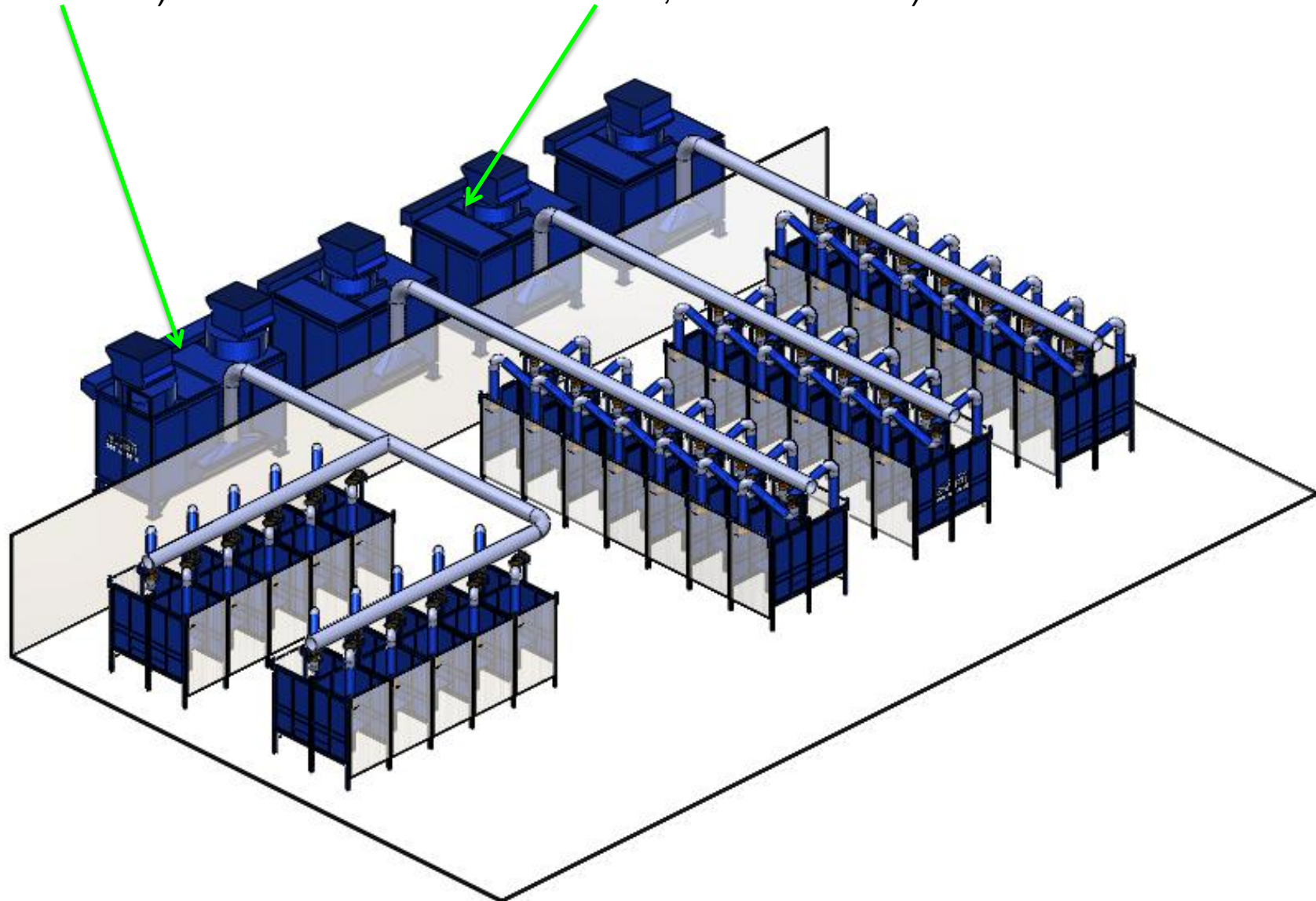


SDC-25x2-32MDF (21,200CFM @ 8"SP)

(2) 25HP top mounted fan on (1) large 32 cartridges collector (drawer type w/ feet, outside install)

SDC-25-24MDF (10,600CFM @ 8"SP)

(1) 25HP top mounted fan on (1) large 24 cartridges collector (drawer type w/ feet, outside install)



SDC-30-24MDF (13,000CFM @ 8"SP)

(1) 30HP top mounted fan on (1) large 24 cartridges collector (drawer type w/ feet, outside install)

