



Date: December 27, 2012

To: Clarke County VA High School

Project:

Attn:

Recommended Equipment:

WB-6055 Dual Welding Booth: 2 sets, side-by-side: total (2) booths

w/ TMC-5-4 5HP dust collector (per two booths): total (1) collector

- 5HP

- 4 cartridges: 80/20 FR.: dia. 15" x 26" L/pc

Avani Environmental Intl. Inc.

95 Cypress Drive

Youngsville, NC 27596

www.avanienvironmental.com

Phone: (919) 570-2862

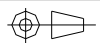
Fax: (919) 570-2863

Email: info@avanienvironmental.com

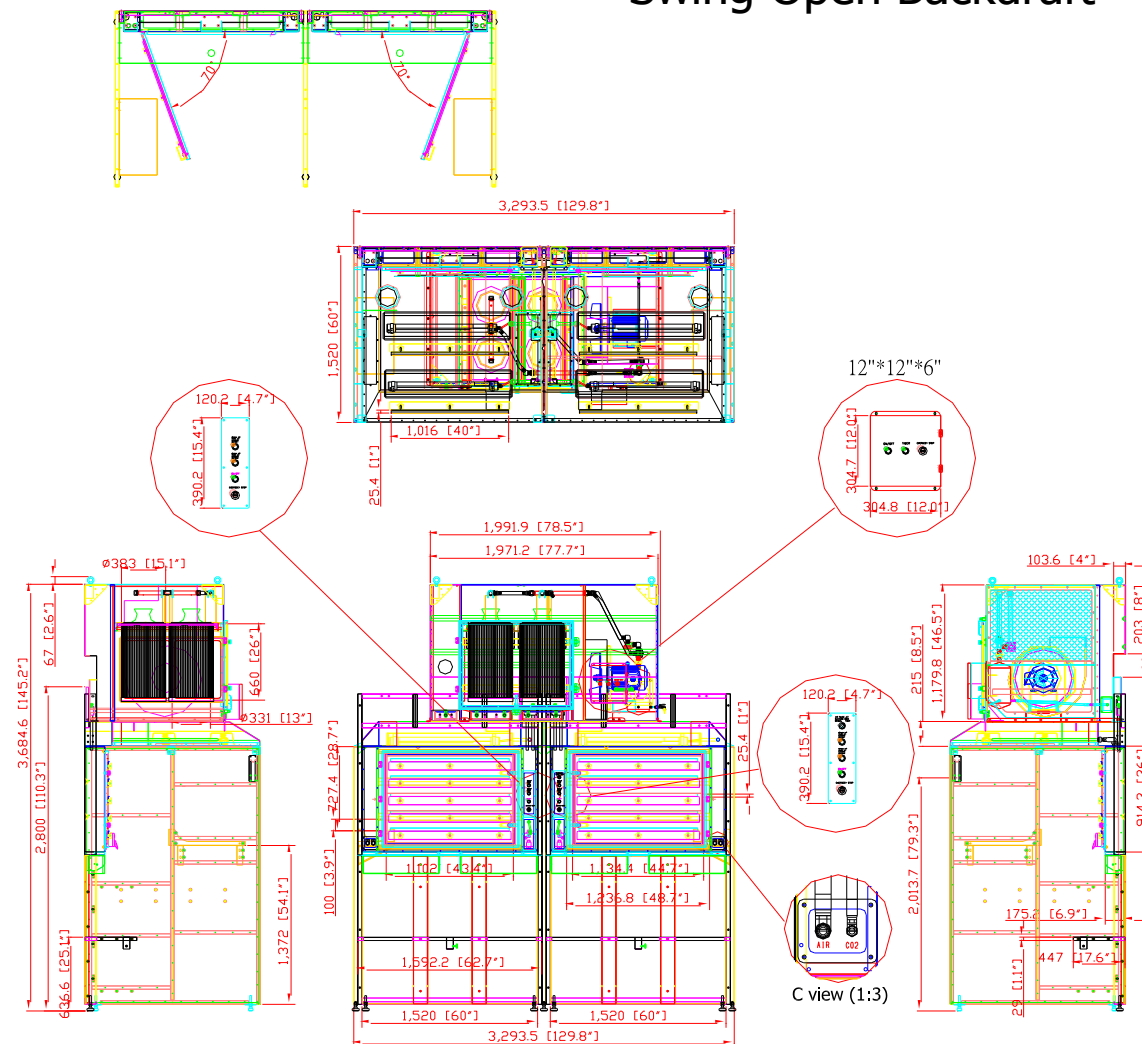
www.weldingbooths.com

DO NOT SCALE

IF IN DOUBT ASK



Swing Open Backdraft



Revisions

Rev	Description	Date	Approved
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WB-6055 PREMIER WELDING BOOTH SPECIFICATIONS for

- Hood Dimensions: 60" x 60" x 8.5"
- Back Draft Dimensions: 48.6" x 29.9" x 6.9"
- Hood Service Panel: Removable 7" x 23" service panel
- Back Draft Adjustable Inlet Slots: (5) 1" x 40.5"
- Hood Adjustable Inlet Slots: (2) 1" x 39.9"
- Recessed Lights: (2) Explosion Proof Lights (110V, Single Phase, 60 Hz, 20W)
- Adjustable Knobs: (2) 2 7/8" Five Star Twists
- Adjustable Level System: 2 7/8" Feet (maximum adjustment 5")
- Support Structure: 2" x 4" steel stock welded
- Panel Construction: 14-gauge welded steel single wall with cross and up bracing
- Welding Curtain Supports: (2) adjustable welding curtain brackets
- Forklifting Lugs: total (2) 7.9"W x 3.1"H x 60"D forklifting lugs for dual booth side-by-side to set and move hood / booth / top mounted dust collector
- Fume Arm Ceiling Supports & Brackets: Built into the hood
- Fume Arm Cover Plates: (2) cover plates (6 bolt pattern) to match optional dia. 6" fume arm
- Powder Coated: Avani Safety Blue Standard (custom colors available)
- *** Nine Piece Configuration: (3) side panels, (2) back panels, (2) backdraft assembly, (2) hooddraft assembly to dual booth side-by-side. (Note: booth main set knocks down to separate pack: upper and lower part prior to shipment.)
- Booths can be mounted back-to-back, side-by-side or both options
- Electrical Outlets: (2) 110V Outlets (additional single or three phase outlets available)
- Light Switch: For overhead lights
- Compressed Air Connection
- CO2 or Gas Connection: (additional gas lines or compressed lines available)
- Double Wall Construction (welded)
- ***CO2 bracket
- ***Adjustable Rear Shelf: 62.7"W x 17.6"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
- Adjustable Rear Shelf (solid, grated or cutting table)
- Corner Shelves
- Viewing Windows
- Custom Welding Brackets
- Foot Lockers
- Fixtures, Lazy Suzans
- Any option that can fit inside the booth or on the booth
- Open Shelf Under Back Draft

TMC-5-4 dust collector on booth top SPECIFICATIONS for

Motor:	5 HP NEMA
Airflow:	2340 ft ³ /min 3973.32 m ³ /hr
Filtration Stages:	1st - aluminum mesh x (2) pcs Spec: 540 x 440 x 22mm 2nd - cartridge filter x (4) pcs Spec: Dia. 380 x 660mm (15" x 26"L) Filtering area: 25M ² x 4 = 100M ² (1076 FT ²) Material: 80/20 FR.
No. of Valves:	2
Compressed Air Requirement:	90 PSI
Compressed Air Reservoir:	2.63 gallon
Construction:	14 gauge steel
Max. Operating Temp.:	120°C
Paint Color:	Blue

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Drawn by:	Date	Name	Part Number:	Title:
Checked by:	2012.12.27	***	WB-5-SP (two S) SDC-B-5-4	WB-6055 (2sets side-by-side) with TMC-5-4
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Size
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1 = 55

