



4116 U.S. HIGHWAY 231 NORTH
PANAMA CITY, FL 32404
Ph : (850) 769-3477

Submittal

Job: 367

GCSC ADVANCED TECHNOLOGY
5230 West Highway 98
Panama City, FL 32401

Spec Section No: 108500

Submittal No: 001

Revision No: 0

Sent Date: 2/28/2012

Due Date: 3/13/2012

Spec Section Title:

Submittal Title: Welding Booth - Product Data

Contractor:

GAC CONTRACTORS, INC.

Contractor's Stamp J.D. White



-Action: Reviewed with Comments

Florida Architects
Joseph Sorci

Architect's Stamp

☐ Reviewed: No exceptions noted

☒ Reviewed: As noted

☐ Rejected: Resubmit

By: JKZ Date: 2012/03/12

Florida Architects, Inc.

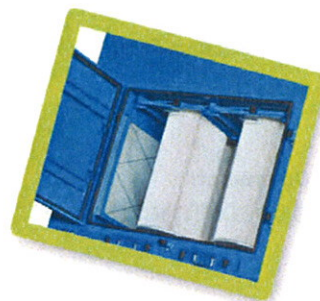
Review is for general compliance with Contract Documents. No responsibility is assumed for correctness of dimensions or details.

Engineer's Stamp

avani
environmental
www.avanienvironmental.com

WB-6000 booth

Avani's Premier Dual Booth with Center Mounted Collector

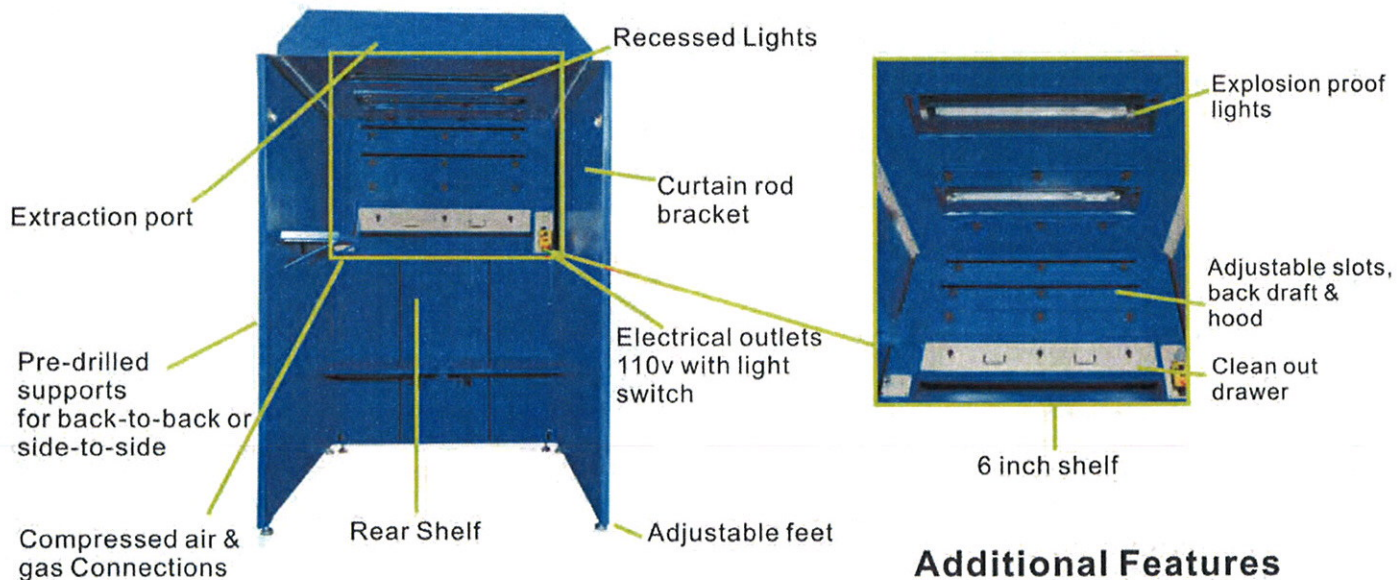


Recessed
explosion
proof lights

Backdraft
& updraft
exhaust

Compressed
air/gas
connections

Avani's Premier Welding Booth



Features

Welded steel construction
Powder coated
Adjustable back draft slots
Adjustable hood slots
Clean out drawer
Explosion proof lights

Adjustable feet

Standard sizes:
4'x4', 5'x5', 6'x6',
8'x8', 10' x 10'
Custom sizes:
call for other sizes or
configurations

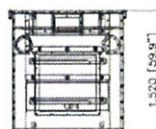
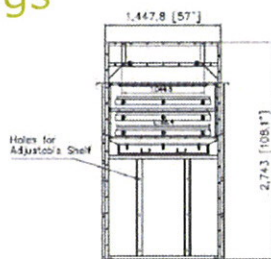
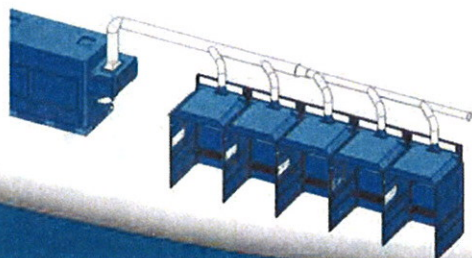
Additional Features



Additional Features

Air-gas & electrical terminate
on top for easy connections

3D and AutoCad Drawings



Revisions		
Rev	Description	Approved



TMC-5-4 dust collector on booth top

TMC-5-4 dust collector on booth top	
SPECIFICATIONS for	
Motor:	1/2 HP 182VAC motor 200 volts 3 phase Fed. load amps max 3.0 amps
AF/Filter	25-50 D/40 mesh 3073.32 m3/hr
Filteration Bagging	1st - stainless mesh x (2) per Spec: 360 x 400 x 2.0mm 2nd - stainless mesh (4) per Spec: 360 x 400 x 2.0mm 3rd - stainless mesh (12.5" x 25.0") Filtering rate: 1000 ± 4 = 4000 (400 F7) Material: Polyester spun bond with 175-0.01 treatment & coating
No. of Volume	2
Compressed Air Requirements:	90 PSI
Compressed Air Network:	2.65 gallon
Connections:	14 gauge steel
Max. Operating Temp.:	120°C
Body Color:	Blue

Title:	WB-6055 (2sets side-by-side) with TMC-5-4	
Size C	Scale 1 = 55	Drawing Number: standard

TMC-5-4 dust collector on booth top

SPECIFICATIONS for

Motor:	5 HP NEMA motor 208 volts 3 phase Full load amps are 19 amps
Airflow:	2340 ft3/min 3973.32 m3/hr
Filtration Stages:	1st - aluminum mesh x (2) pcs Spec: 540 x 440 x 22mm 2nd - cartridge filter x (4) pcs Spec: Dia. 325 x 660mmL (12.8" x 25.9"L) Filtering area: 10M2 x 4 = 40M2 (430 FT2) Material: Polyester Spun bond with TEFLON treatment & coating
No. of Valves:	2
Compressed Air Requirement:	90 PSI
Compressed Air Reservoir:	2.63 gallon
Construction:	14 gauge steel 12 Gauge Steel
Max. Operating Temp.:	120°C
Paint Color:	Blue

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: (21) 2 1/2" Five Star Twists
- Adjustable Level System: 2 1/2" Feet (maximum adjustment 5")
- Support Structure: 2" x 4" steel stock welded
- Panel Construction: 12-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 (grated top w/ a catch tray/drawer below): 63.7"W x 24"D x 6.4"H
- ***J-hooks

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