



Shown With Optional
Caster Kit

Dimensions

Width:	48.00"
Height:	122.00"
Depth:	24.00"

Options

- **Pressure Gauge Kit:**
Indicates when filters require cleaning.
- **Cartridge Media:**
For specific applications.
- **After-Filters:**
99.97% HEPA, 95%, and odor-control modules.
- **Welding Package Kit:**
Includes special cartridges and non-reflective inlet.
- **12-in. Side Shields**
Optimum depth for direct contaminant intake and increased collection efficiency.
- **Factory-Installed Casters:**
Provides portability, increases system versatility.
- **Casters:**
Improves maneuverability and productivity.

PowerBooth™ Dust Control System Features & Benefits

- **Self-contained system:**
Eliminates costly ductwork and the need for a separate dust collection system.
- **5 HP direct-drive blower:**
Improves collection efficiency, increases reliability.
- **High efficiency filter media:**
Compact, high-density cartridge filter provides maximum effectiveness; filter changes easily without tools.
- **Industry's largest inlet grille area:**
Keeps contaminants away from workers' breathing zone; diffuser design reduces air velocity, reducing operating costs and premature filter loading.
- **Large-volume dust drawer:**
Provides for high-volume collection, extends maintenance cycles.
- **Vibra-Pulse® Filter Cleaning System:**
Cleans filters 75% more effectively than reverse pulse systems.
- **Auto-Clean off-line filter cleaning:**
Automatically cleans filters when unit is shut off.
Built in damper to prevent dust escape during cleaning.

Specifications

Construction:

16 ga. steel cabinet, powder coated

Blower Pkg (HP):

5.0

Noise Level (dBA):

77

Electrical:

5.0 HP - 208/230/460/3/60, 13-12/6 amps, std;

3.0 HP - 190/380/3/50 11.3/5.65

Nominal CFM (in.):

4500, 60 Hz

3600, 50 Hz

Weight (lbs.):

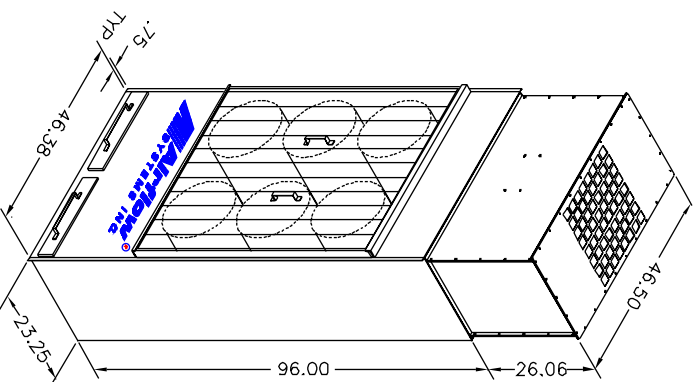
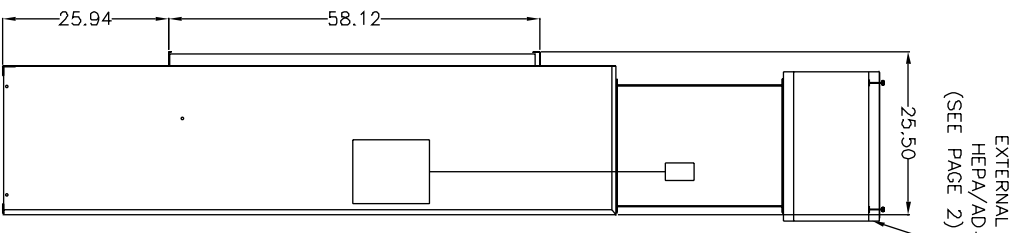
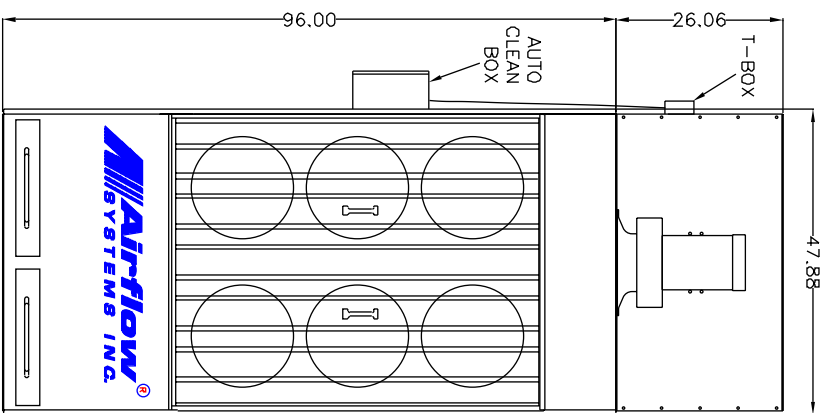
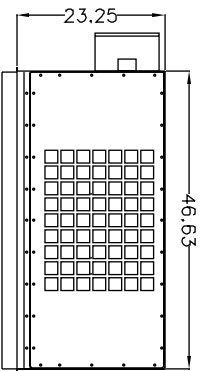
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Diversified Air Systems, Inc.

Phone: 800-264-8958

Email: info@divers-air.com

www.divers-air.com



SPECIFICATIONS:

CONSTRUCTION: 16 Ga. welded zinc coated steel cabinet, finished with Powder-Coat finish. Includes removable access panels to filters and motor, direct drive ball bearing, BL blower, Auto clean Vibro-Pulse® filter cleaning system and on acoustic lined inlet plenum and blower compartment. Motor wired to junction box outside unit. Motor starters/disconnects NOT included.

WEIGHT: 680 lbs.

AIRFLOW (STD AIR): 4500 CFM W/HEPA or V-Bank 4000 CFM

NOISE: 77dBA

ELECTRICAL: SHP 208-230/460/3/60, 13-12/6.0 amps, std. SHP 230/1/60, 19.5 amps, opt.

MAIN FILTERS: (6) 150 ft³ CLEAN 2® cartridges, std. (6) 75 ft³ Fiber Dust® cartridges, opt.

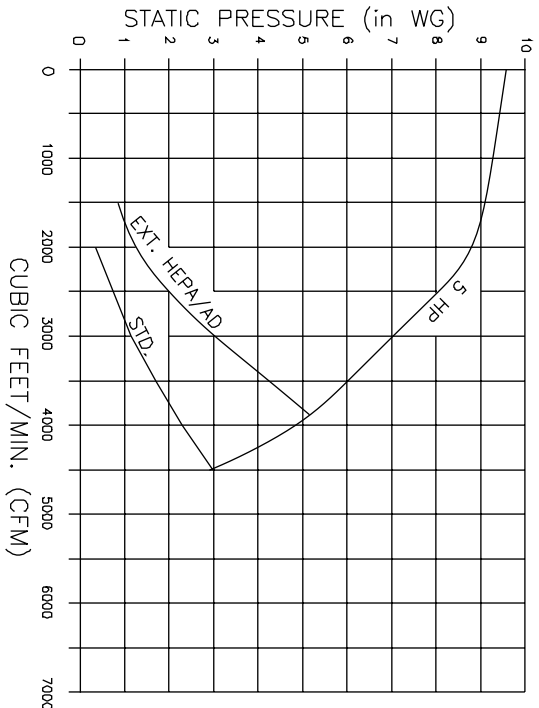
AFTER FILTERS: (6) Spunbond cartridges, opt. (2) HEPA filter, 99.97%

AD OPTION: (4) 25 lb. adsorber modules, refillable.

OTHER OPTIONS: Pressure gauge kit indicates filter changes, filters. Welding Application, + (6) UltraClean-Plus filters.

FIRE SUPPRESSION: Manual clean in place of Vibro-pulse. Equipment provided by others.

PERFORMANCE CURVES

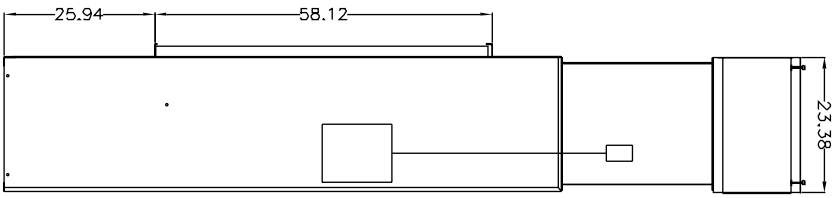
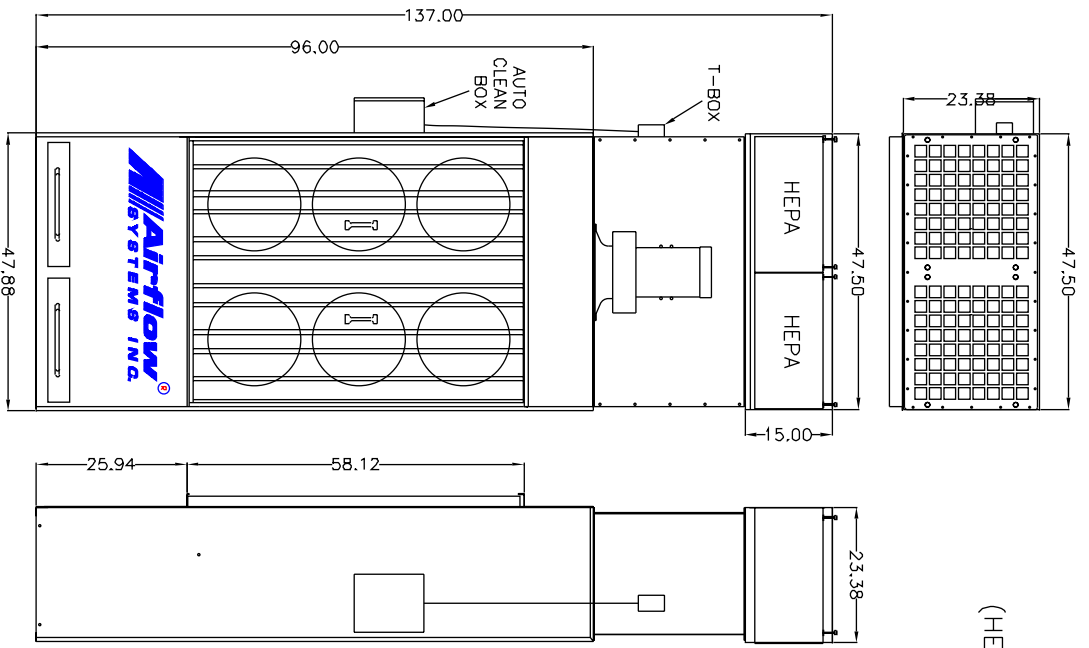


NOTES:

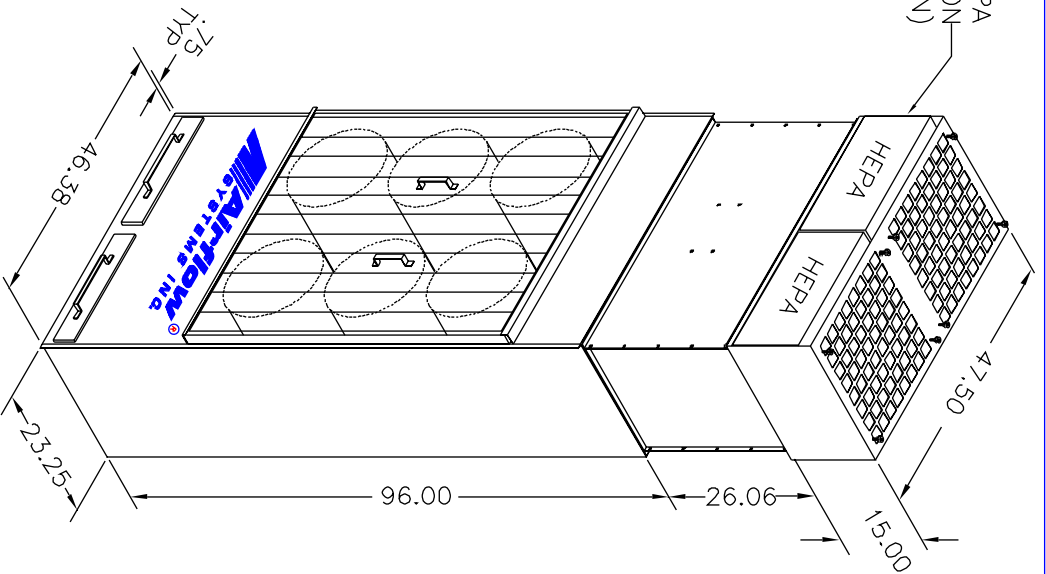
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Phone: 800-264-8958

DRAWN BY: JRS	TITLE: POWER BOOTH
DATE: 12-7-99	PAGE: 1 OF 2
SCALE: NTS	DRAWING NO.: PBTHSPEC (81-2424/B)



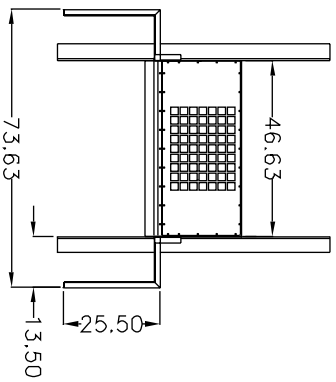
EXTERNAL HEPA
OR AD OPTION
(HEPA FILTERS SHOWN)



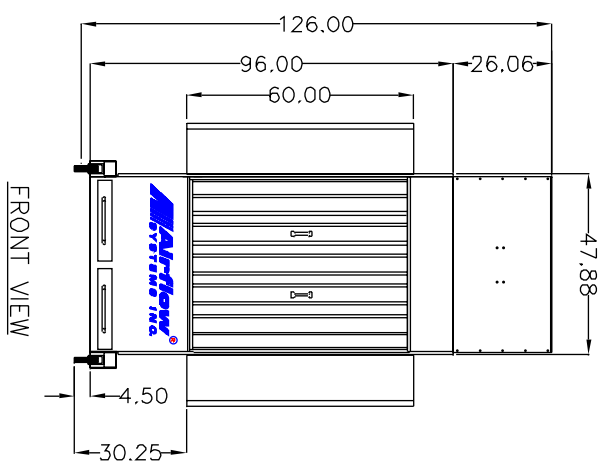
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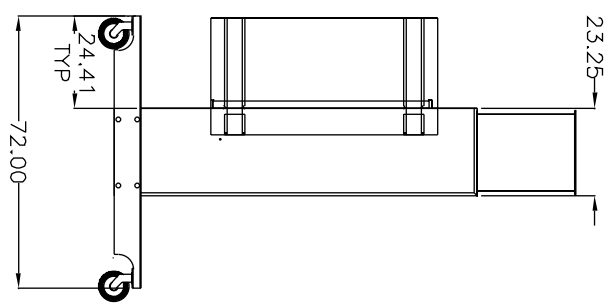
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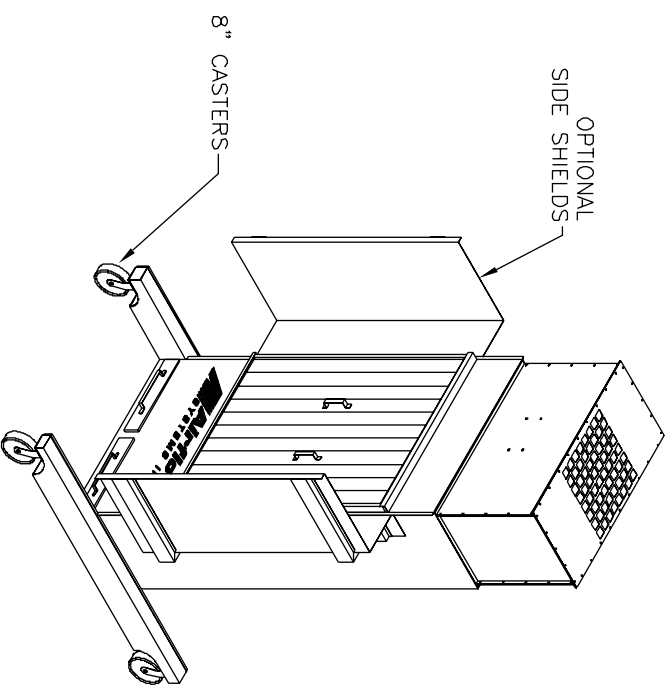
TOP VIEW



FRONT VIEW



SIDE VIEW



SPECIFICATIONS:

CONSTRUCTION: 16 Ga. welded zinc coated steel cabinet, finished with a two part chemical and oil resistant paint. Removable access panels to filters and motor. Direct drive ball bearing BL blower. Automatic Vibro-pulse cleaning. Motor wired to junction box outside unit. Motor starters/disconnects NOT included.

WEIGHT: 800 lbs.

AIRFLOW: 4500 CFM (STD AIR) 4000 CFM W/HEPA or V-Bank

NOISE: 77dBA

ELECTRICAL: 5HP 208-230/460/3/60, 13-12/6.0 amps, std. 5HP 230/1/60, 19.5 amps, opt.

* AFS FILTER EFFICIENCIES BASED ON ASHRAE 52-76 TEST METHOD

MAIN FILTERS: (6) 150 ft² CLEAN 2 cartridges, std. (6) 75 ft² Fiber Dust cartridges, opt. (6) Spanbond cartridges, opt.

AFTER FILTERS: (2) HEPA filter, 99.97%

AD. OPTION: (4) 25 lb. adsorber modules, refillable.

OTHER OPTIONS: Pressure gauge kit indicates filter changes. Welding Application, opt. Manual clean in place of Vibro-pulse. Side shields. PB06. POWERBOOTH™ dust collector for use in customer built control room. Moves valve box to front of POWERBOOTH™ and requires remote mounted control box (CONTROLLER option). Order required number of POWERBOOTH dust collectors with PB06 option and (1) CONTROLLER option.

NOTES:
CAUTION: DO NOT ROLL UNIT ON INCLINES GREATER THAN 10° DUE TO POSSIBILITY OF TIP OVER.

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Diversified Air Systems, Inc.
Phone: 800-264-8958

DRAWN BY: JRS
DATE: 5-17-00
SCALE: NTS

TITLE: PORTABLE POWER BOOTH
DRAWING NO.: PPB6SPC (81-2672/A)