

DUST BOOTHS

SELF-CONTAINED DUST CONTROL SYSTEMS



PowerBooth™: Add high-efficiency contaminant capture to existing workstations in your facility.



Dust Control Booth™: A self-contained enclosure isolates contaminant-generating processes anywhere in your facility. Shown above: DCB-2 with optional Regain Air System.

Self-Contained Dust Control for Cleaner, Safer Industrial Workspaces

The Airflow Systems® PowerBooth™ and Dust Control Booth™ provide a self-contained work environment, removing airborne contaminants from worker breathing zones and preventing pollutants from migrating into other areas of the facility. Constructed of galvanized 16 gauge steel the PowerBooth™ and Dust Control Booth™ easily integrate into industrial environments.

Ambient Collection Volume; Source Collection Efficiency

Many in-plant finishing operations generate heavy amounts of airborne contaminants that cannot be adequately handled by source collection. These contaminants can also spread through a facility contaminating other processes before they can be collected by ambient systems. Airflow Systems® Powerbooth™ and modular Dust Control Booth™ systems go to work where source capture and ambient systems cannot.

Industrial Applications

Welding, smoke, plasma cutting, grinding, brazing, plasma spraying, sanding, abrasive blasting, machining, woodworking, surface finishing, hand work, powders, metalworking, batch processing, composite dust, air arcing, curring, overspray, powder coating

Features & Benefits

PowerBooth™ / Dust Control Booth™:

- Large inlet grille reduces worker exposure and lowers operating costs and filter loading.
- Compact 24"D x 48"W footprint maximizes floor space.
- High-capacity dust drawer extends maintenance intervals.
- Safety damper prevents dust blow-back during cleaning.
- Tool-less filter changes reduce downtime and labor.
- Self-contained system eliminates ductwork and external collectors.
- Vibra-Pulse® cleaning is 75% more effective than reverse pulse.
- Auto-clean function activates when unit is off.

Dust Control Booth™ Only:

- 8-ft and 10-ft heights improves workspace and productivity.
- Insulated panels reduce noise and fatigue.
- Dust-resistant lighting improves visibility and output.

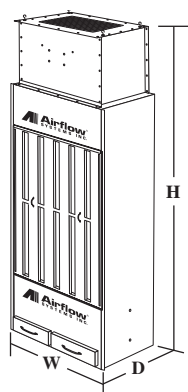
* Special booth sizing available. Contact us for details.

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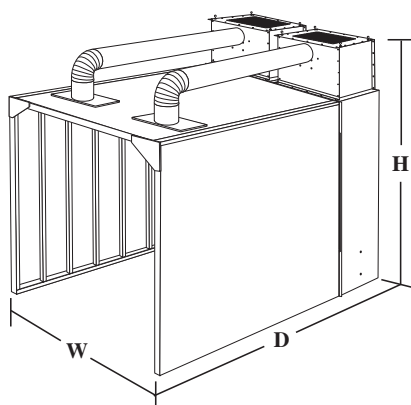
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PowerBooth™



Dust Control Booth™



PowerBooth™

	Standard	w/Casters	w/Side Shields
Height (in.)	122	127	122 or 127
Width (in.)	48	55	74
Depth (in.)	24	72	48

Dust Control Booth™

	DCB-1	DCB-2	DCB-3	DCB-4	DCB-5	DCB-6
Height (ft.)	8	8	8	8	8	8
Width (ft.)	6	8	12	16	20	24
Depth (ft.)	8	8	8	8	8	8

Model Specifications

	PowerBooth™	Dust Control Booth™					
		DCB-1	DCB-2	DCB-3	DCB-4	DCB-5	DCB-6
Air Flow Max (CFM)	4500	4500	9000	13500	18000	22500	27000
Ave Face Velocity (FPM)	200	95	140	140	140	140	140
Weight (lbs.)	680						
Sound Level (dBA)	77						
Motor/Blower (HP)	5 / non-sparking; direct-drive BI	5	10	15	20	25	30
No. of Filter Cartridges	6	6	12	18	24	30	36
Construction	16 gauge welded steel, powder coated cabinet. Includes (2) external dust drawers. Removable panels for easy access to filters and blower. Motor wired to junction box outside unit. Motor starters and disconnectors NOT included.	Power Booth Module(s): 16 gauge welded zinc coated steel cabinet. Roof/side panels: 16 ga. galvanized steel, 2'W x 3'L x 8'H, Roof load of 200 lbs.					
Electrical	5 HP, 208-230/460/3/60, 13-12/6.0 amps, std. 5 HP, 230/1/60, 19.5 amps, opt.	5 HP 208-230/460/3/60, 13-12/6.0 amps, std. 5 HP 230/1/60, 19.5 amps, opt.					
Options	After-filters: 99.97% HEPA, 95% DOP and Odor modules. Cartridge Media: For specific applications. Deep, 12-Inch Side Shields: Direct contaminant intake; increase collection efficiency. Silencer: Reduces air flow noise for quieter operation. Pressure Gauge Kit: Indicates when filters require cleaning; improving maintenance efficiency. Factory-installed Casters: Provides portability; increases system versatility. Welding Package Kit: Includes special cartridges and non-reflective inlet.	After-filters: 99.97% HEPA, 95% DOP and Odor modules. Cartridge Media: For specific applications. Silencer: Reduces air flow noise for quieter operation. Pressure Gauge Kit: Indicates when filters require cleaning; improving maintenance efficiency. Welding Package Kit: Includes special cartridges and non-reflective inlet. Regain Air Design: Increases collection efficiency through unique push/pull airflow pattern. Manual Filter Cleaning					