

DUST CONTROL BOOTH

Engineered & Manufactured to any size by Diversitech



Diversitech's Dust Control Booth are designed to safely capture and filter airborne contaminants from metal finishing, fiberglass, composites and metal fumes.

The Dust Booth modules (DBMs) serve as the booth's filtration unit, and range in size from 4 cartridge 3000 CFM, 6 cartridge 4500 CFM to 8 cartridge 6000 CFM. The built-in reverse pulse cleaning system in the dust control booth comes standard, reducing the maintenance required and extending filter longevity.

Once the dust booths are installed, smoke, dust, and other airborne contaminants are safely drawn to the back of the booth, away from the operator's respiratory zone.

Features:

- Front access dust-drawer for easy maintenance
- Booths are self-supporting
- Modules are freestanding

Applications:

- Welding smoke & fumes
- Grinding dust
- Composites dust
- Wood dust
- Vapors
- Odors

Options:

- Internal Booth Lighting
- Regain Air
- Spark Baffles
- Backdraft Dampers
- Sound Abatement
- Washable Spunbond Filters

Benefits:

- Customizable and modular
- Capture-at-source for Cleaner Air
- Complies with OSHA guidelines for controlling weld fumes



WELDING • GRINDING • SANDING • DEBURRING • MIXING



How The Dust Booth Collector Works

Airborne dust enters the backdraft module and is run through a set of cartridge filters. The unit is programmed to self-clean the filters, using a reverse pulse jet to dislodge accumulated particulate. The dust then settles in a drawer below the unit for quick disposal.

Technical Specifications

Model	Airflow (CFM)	Motor (H.P.)	Primary Filter Type	Blower	Power			
					Phase (hz)	@230V (amps)	@460V (amps)	@575V (amps)
Dust Control Booth								
EBM-4-050T	3000	5.0	(4) MERV 11	TEFC	3P / 60Hz	12.8	6.4	4.6
EBM-6-075T	4000	7.5	(6) MERV 11	TEFC	3P / 60Hz	17.0	8.5	7.2
EBM-8-100T	6000	10	(8) MERV 11	TEFC	3P / 60Hz	24.0	12.0	9.6

Dimensions

Model	Net Weight (lbs.)	Product Dimensions (in.)			Shipping Dimensions (in.)			Gross Weight (lbs.)
		Width	Height	Depth	Width	Height	Length	
Dust Control Booth								
EBM-4-050T	1047	38	89	44	46	95	61	1200
EBM-6-075T	1311	55	89	44	67	94	60	1500
EBM-8-100T	1596	71	89	44	84	93	53	1800

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