

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

Benefits:

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



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.

Dimensions **

Model	Net Weight (lbs.)	Product Dimensions (in.)		
		Width	Height	Depth
Dust Control Booth				
EBM-4-050T	1047	38	89	44
EBM-6-075T	1311	55	89	44
EBM-8-100T	1596	71	89	44

** Product dimensions are based on base-models and may vary depending on selected product features. Please contact us for an accurate shipping quote.

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

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