

Dust Capture Booth

Technical catalogue: Dust Extraction
Section: Cartridges

The Dust Capture Booth is made of galvanized steel for the capture and extraction of dust produced by sanding, grinding or welding operations. The modular design allows for a wide range of configurations and applications.

The booths are available in a range of widths. These systems typically come as a stand-alone configuration, however they can be built to connect to larger dust collection systems. Each booth comes equipped with aluminized polyester filter cartridges and a pulse-jet compressed air cleaning system. Collected dust is deposited into removable trays located at the bottom of the collection face for easy disposal. The integral suction fan (or properly-configured connection to a central collection system) ensures adequate face velocity along the width of the booth.



Dust Capture Booth, base configuration with integral fan.

Optional configurations include:

Booth Extension Module – each module adds 20" depth

Air Curtain Extension Module – returns exhausted air to booth opening for additional environmental control

Timed Filter Cleaning Control – automatic timer system for pulse-jet cleaning system

ATEX-Rated Fan Motor – non-sparking motor provides added safety for combustible dust hazards

VFD for Fan Motor – provides additional energy efficiency by providing speed control for the suction fan

SPECIFICATIONS

Model	Airflow	Fan Motor	Working Booth Face	Overall Width	Overall Height	Filters
CAP-2	6,500 CFM	3 HP	79"	96"	125"	(4) ϕ 13" x 39"L
CAP-3	8,900 CFM	5.5 HP	118"	136"	128"	(5) ϕ 13" x 39"L
CAP-4	13,000 CFM	3+3 HP	157"	175"	130"	(6) ϕ 13" x 39"L
CAP-5	15,000 CFM	4+4 HP	197"	215"	125"	(8) ϕ 13" x 39"L

(Customised options available on request)