

MAXFLO CARTRIDGE BATCH POWDER BOOTH

HIGHLIGHTS

- Heavy Duty Bolted Construction
- Collector Module to Recirculate Clean, Filtered Air Through the Booth
- Available in a Wide Range of Designs to Meet Any Production Requirement

With an open front design, MAXFLO's Cartridge Batch Powder Booths are perfect for small to mid-size powder applications. To ensure cartridge filters remain clean, this booth is built with a purge control feature, which assures the safe operation of the coatings enclosure by maintaining the airflow at design levels. During operation, powder accumulates on the cartridge filters. As the cartridge filters load, airflow decreases and negative pressure rises within the air handler. A timer activates a system of air purging valves that clear the cartridge filters of accumulated powder to ensure maximum filter life.



Powder Collector Style Booth



Control panel and VFD included



Cartridge Collector

Powerful & affordable source capture collector.



ONE YEAR
LIMITED WARRANTY



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BOOTH FEATURES

- >> **HEAVY DUTY CONSTRUCTION** Panels are constructed from 18-gauge, prime quality galvanized steel, flanged and precision punched on 6" centers for maximum rigidity. Panels are fastened with 5/16-inch bolts with self-locking nuts and are to be sealed with the provided caulk following assembly.
- >> **COLLECTOR MODULE** Recirculates clean, filtered air into the booth and includes high quality primary filter and final filter modules. Factory-assembled, powder coated white mild steel construction with removable powder drawer.
- >> **INDUSTRY-LEADING LIGHTING** Booths receive bright, even illumination from four-tube, 48" long, 32 watt, fluorescent light fixtures. Col-Met light fixtures are ETL listed (Class 1 Division 2, Group A, B, C, D and Class 2 division 2, Group F and G.) and are supplied with a multi-voltage ballast to accept any voltage between 110vac and 277vac. Bulbs are pre-installed at the factory and tested prior to shipment.
- >> **CONTROL EQUIPMENT** Includes NEMA 12 UL and ETL listed control panel mounted to the side of the collector module, factory wired and tested. Automatic or manual cartridge filter pulse down mode; Door mounted magnehelic gauge for cartridge filter monitoring; VFD to control fan speed; Pressure switches to monitor final filter pressure and warn/shutdown if pressure exceeds set point.
- >> **VARIABLE FREQUENCY CONTROLLED FAN (VFD)** Connected to the fan motor, this allows for the fan to turn at any speed so that optimum airflow within the booth can be achieved. The VFD can also save on operating costs due to the reduced amp load on the motor, and the ability to slowly ramp the motor up to speed.
- >> **QUALITY FANS AND MOTORS** Spark-proof construction plug type fan
- >> **AIR SOLENOID VALVE** Interlocked to the exhaust fan and air supply for the spray application equipment.
- >> **MEETS QUALITY PERFORMANCE STANDARDS** Spray booths manufactured by Col-Met meet and/or exceed all applicable OSHA and NFPA regulations.

SELECTING A BOOTH SIZE

MAXFLO can design and build spray booths in a variety of sizes and configurations. Although our team can engineer a custom booth to fit your needs, below are standard sizes that are quickly available to you.

BOOTH OPTIONS

- LED lighting
- Durable powder coated white option available
- Optional fluidized bed for powder collection
- Conveyor and crane slots/openings available



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SELECTING A BOOTH SIZE

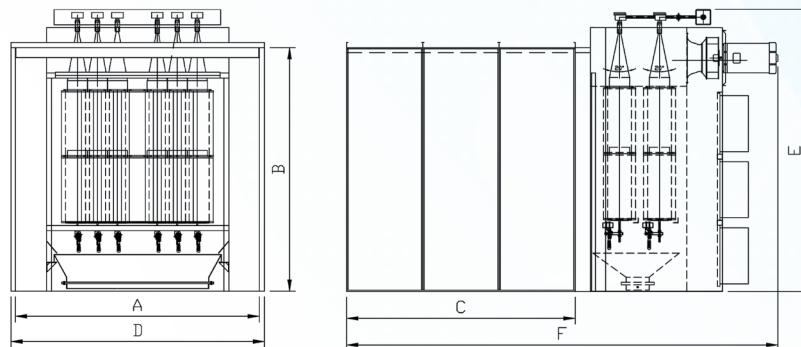
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CARTRIDGE COLLECTORS

Model Number	Interior Dimensions			Exterior Dimensions			Total CFM	Modules	Cartridge Filters	Final Filters	Fan Spec		Lights S&G
	Width	Height	Length	Width	Height	Length					Qty	HP	
RPC-4000-S	N/A	N/A	N/A	4'-8" (w/CP 5'-10")	8'-8" (w/MFD 9'-4")	4'-4" (w/Motor 6'-1")	4000 @3" SP	1	4	4	1	5HP	N/A
RPC-5000-S	N/A	N/A	N/A	4'-8" (w/CP 5'-10")	8'-8" (w/MFD 9'-4")	4'-4" (w/Motor 6'-1")	5000 @3" SP	1	5	4	1	7.5HP	N/A
RPC-6000-S	N/A	N/A	N/A	6'-0" (w/CP 7'-2")	8'-8" (w/MFD 9'-4")	5'-3" (w/Motor 6'-2")	6000 @3" SP	1	6	6	1	7.5HP	N/A
RPC-7000-S	N/A	N/A	N/A	6'-0" (w/CP 7'-2")	8'-8" (w/MFD 9'-4")	5'-3" (w/Motor 6'-2")	7000 @3" SP	1	7	6	1	10HP	N/A
RPC-8000-S	N/A	N/A	N/A	6'-0" (w/CP 7'-2")	8'-8" (w/MFD 9'-4")	5'-3" (w/Motor 6'-2")	8000 @3" SP	1	7	6	1	10HP	N/A

POWDER BOOTHS

Model Number	Interior Dimensions			Exterior Dimensions			Total CFM	Modules	Cartridge Filters	Final Filters	Fan Spec		Lights S&G
	Width	Height	Length	Width	Height	Length					Qty	HP	
RPB-08-07-7.5-00-S	8'-0"	7'-0"	7'-6"	8'-4"	9'-4"	13'-8"	6000 @3" SP	1 (6,000 CFM)	6	6	1	7.5HP	1
RPB-08-08-7.5-00-S	8'-0"	8'-0"	7'-6"	8'-4"	9'-4"	13'-8"	6000 @3" SP	1 (6,000 CFM)	6	6	1	7.5HP	1
RPB-08-10-7.5-00-S	8'-0"	10'-0"	7'-6"	8'-4"	10'-2"	13'-8"	8000 @3" SP	1 (8,000 CFM)	7	6	1	10HP	1
RPB-10-07-7.5-00-S	10'-0"	7'-0"	7'-6"	10'-4"	9'-4"	13'-8"	7000 @3" SP	1 (7,000 CFM)	7	6	1	10HP	2
RPB-10-08-7.5A-00-S	10'-0"	8'-0"	7'-6"	10'-4"	9'-4"	13'-8"	8000 @3" SP	1 (8,000 CFM)	7	6	1	10HP	2
RPB-08-10-7.5B-00-S	10'-0"	8'-0"	7'-6"	10'-4"	9'-4"	13'-7"	8000 @3" SP	2 (4,000 CFM)	7	8	2	5HP	2
RPB-10-10-7.5-00-S	10'-0"	10'-0"	7'-6"	10'-4"	10'-2"	13'-7"	10000 @3" SP	2 (5,000 CFM)	9	8	2	7.5HP	2
RPB-12-07-7.5A-00-S	12'-0"	7'-0"	7'-6"	12'-4"	9'-4"	13'-8"	8000 @3" SP	1 (8,000 CFM)	7	6	1	10HP	2
RPB-12-07-7.5B-00-S	12'-0"	7'-0"	7'-6"	12'-4"	9'-4"	13'-7"	8000 @3" SP	2 (4,000 CFM)	7	8	2	5HP	2
RPB-12-08-7.5-00-S	12'-0"	8'-0"	7'-6"	12'-4"	9'-4"	13'-7"	10000 @3" SP	2 (5,000 CFM)	9	8	2	7.5HP	2
RPB-12-10-7.5-00-S	12'-0"	10'-0"	7'-6"	12'-4"	10'-2"	13'-7"	12000 @3" SP	2 (6,000 CFM)	9	12	2	7.5HP	2
Reference Key	A	B	C	D	E	F							



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Note: Specifications listed above may be modified to suit application. Contact D.A.S. or representative for information.

Continuous product improvement is a policy of D.A.S. Inc. Product features and specifications may be modified without prior notice.



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