

powder booths

BATCH POWDER BOOTH WITH NON-ROLLAWAY COLLECTOR MODULE

PANELS

Panels are fabricated from 18-gauge prime quality galvanized steel, flanged and precision punched on 6" centers for maximum rigidity. Panels are fastened together with 5/16" grade 5 bolts and are to be sealed with the provided caulk following assembly.

ILLUMINATION

Lighting is provided by Class I Division II, 48" long, fluorescent, 32 Watt, T-8 type fixtures (four-tube), mounted behind safety glass; appropriately sealed from the interior of the spray booth. All fixtures are UL listed and approved for their intended use and placement.

PURGE CONTROL

This feature assures the safe operation of the coatings enclosure, by maintaining the airflow at design levels. During operation overspray 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 EQUIPMENT

- NEMA 12 Remote Electrical Panel
- Primary Disconnect
- Automatic Purge/Pulse Control
- Main Air Line Disconnect
- Photohelic Pressure Gauge

COLLECTOR MODULE

- Factory Assembled Painted Mild Steel Construction – insulation installed for sound attenuation
- Spark-proof Construction Plug Type Fan
- Pulse Valves and Solenoids
- Primary Filter Modules: cartridge type
- Final Filter Modules: HEPA type filters 24" X 24" X 12"
- Removable Powder Drawer
- Optional fluidized bed available



CARTRIDGE COLLECTOR

Col-Met Spray Booth products comply with OSHA and NFPA regulations.

BOOTH CHARTS WITH DIMENSIONS AND SPECIFICATIONS ON REVERSE SIDE

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	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 @5" SP	1	8	4	1	7.5 HP	N/A
RPC 5000	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 @5" SP	1	10	4	1	10 HP	N/A
RPC 6000	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 @5" SP	1	12	6	1	10 HP	N/A
RPC 7000	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 @5" SP	1	14	6	1	15 HP	N/A
RPC 8000	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 @5" SP	1	14	6	1	20 HP	N/A

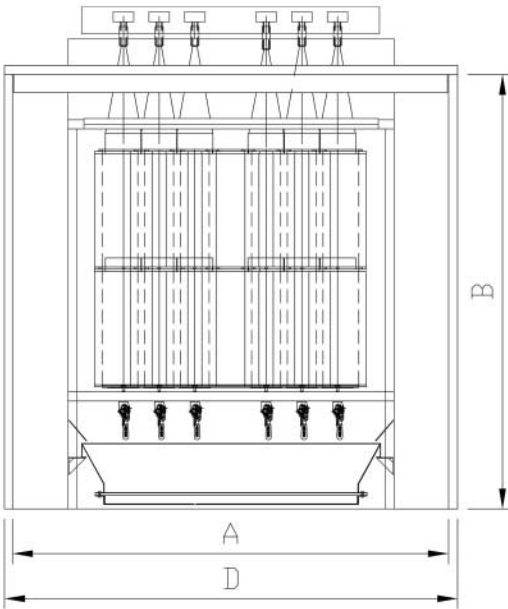
POWDER BOOTHS

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 0807-7.5	7'-0"	8'-0"	7'-6"	8'-4"	9'-4"	13'-8"	6000 @5" SP	1 (6,000 CFM)	12	6	1	10 HP	1
RPB 0808-7.5	8'-0"	8'-0"	7'-6"	8'-4"	9'-4"	13'-8"	6000 @5" SP	1 (6,000 CFM)	12	6	1	10 HP	1
RPB 0810-7.5	8'-0"	10'-0"	7'-6"	8'-4"	10'-2"	13'-8"	8000 @5" SP	1 (8,000 CFM)	14	6	1	20 HP	1

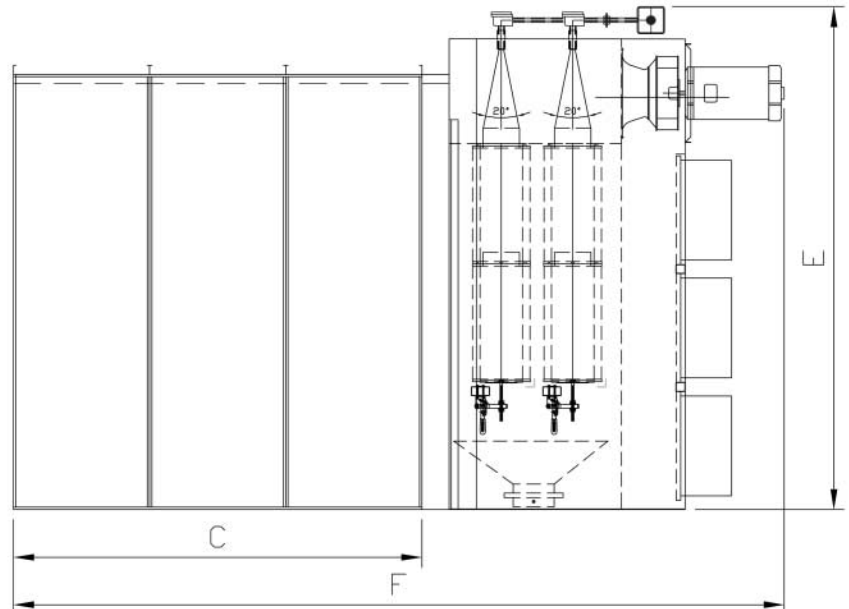
RPB 1007-7.5	10'-0"	7'-0"	7'-6"	10'-4"	9'-4"	13'-8"	7000 @5" SP	1 (7,000 CFM)	14	6	1	15 HP	2
RPB 1008-7.5A	10'-0"	8'-0"	7'-6"	10'-4"	9'-4"	13'-8"	8000 @5" SP	1 (8,000 CFM)	14	6	1	20 HP	2
RPB 1008-7.5B	10'-0"	8'-0"	7'-6"	10'-4"	9'-4"	13'-7"	8000 @5" SP	2 (4,000 CFM)	16	8	2	7.5 HP	2
RPB 1010-7.5	10'-0"	10'-0"	7'-6"	10'-4"	10'-2"	13'-7"	10000 @5" SP	2 (5,000 CFM)	20	8	2	10 HP	2

RPB 1207-7.5A	12'-0"	7'-0"	7'-6"	12'-4"	9'-4"	13'-8"	8000 @5" SP	1 (8,000 CFM)	14	6	1	20 HP	2
RPB 1207-7.5B	12'-0"	7'-0"	7'-6"	12'-4"	9'-4"	13'-7"	8000 @5" SP	2 (4,000 CFM)	16	8	2	7.5 HP	2
RPB 1208-7.5	12'-0"	8'-0"	7'-6"	12'-4"	9'-4"	13'-7"	10000 @5" SP	2 (5,000 CFM)	20	8	2	10 HP	2
RPB 1210-7.5	12'-0"	10'-0"	7'-6"	12'-4"	10'-2"	13'-7"	12000 @5" SP	2 (6,000 CFM)	24	12	2	10 HP	2

Reference Key	A	B	C	D	E	F
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FRONT ELEVATION
VIEW SHOWN WITH OPTIONAL
FLUIDIZING HOPPER



SIDE ELEVATION
VIEW SHOWN WITH OPTIONAL
FLUIDIZING HOPPER

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