



Industrial



Powder



Air Solutions, Inc.

40 Avebury Cove

Ends, TN 38028

Ph 901-290-5090

Fx 901-290-5091

website: www.airsolutions.us

CARTRIDGE BATCH POWDER BOOTH

WITH NON-ROLLAWAY CASTER BASE

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 inch bolts with self locking nuts 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.

CONTROL EQUIPMENT

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



POWDER COLLECTOR STYLE BOOTH



CARTRIDGE COLLECTOR

COLLECTOR MODULE

- Factory-assembled, powder coated white mild steel construction
- 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
- Filter proving switch and solenoid valve included
- Control panel and VFD included
- Fork truck tubes for transfer
- Air Solenoid Valve



Control panel and VFD included



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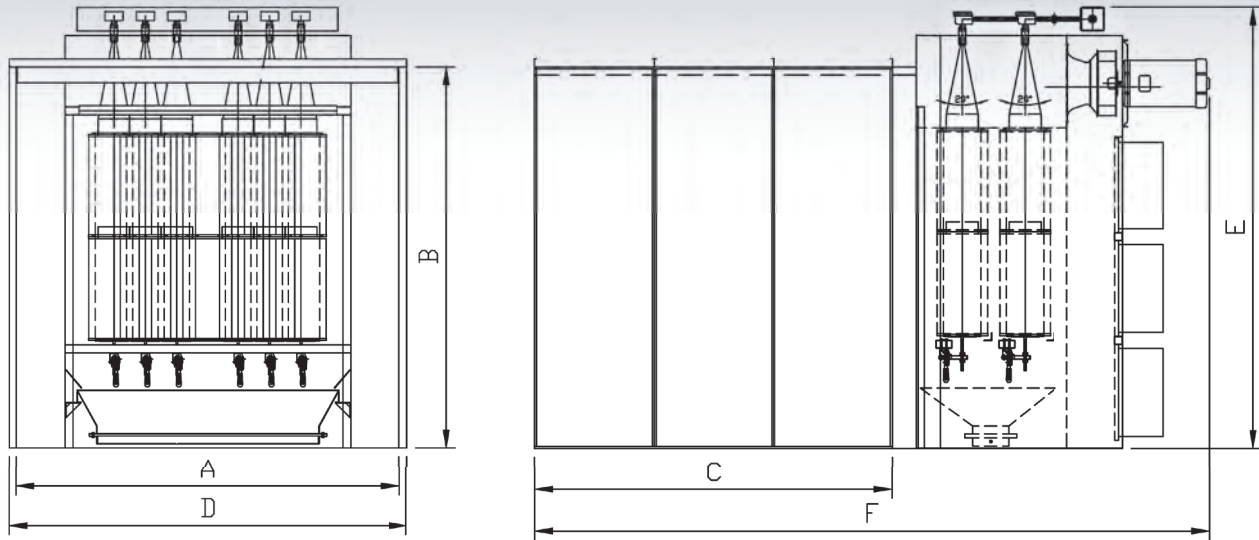


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CARTRIDGE COLLECTORS

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	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	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 @3" SP	1	5	4	1	7.5 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 @3" SP	1	6	6	1	7.5 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 @3" SP	1	7	6	1	10 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 @3" SP	1	7	6	1	10 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-08-07-7.5	7'-0"	8'-0"	7'-6"	8'-4"	9'-4"	13'-8"	6000 @3" SP	1 (6,000 CFM)	6	6	1	7.5 HP	1
RPB-08-08-7.5	8'-0"	8'-0"	7'-6"	8'-4"	9'-4"	13'-8"	6000 @3" SP	1 (6,000 CFM)	6	6	1	7.5 HP	1
RPB-08-10-7.5	8'-0"	10'-0"	7'-6"	8'-4"	10'-2"	13'-8"	8000 @3" SP	1 (8,000 CFM)	7	6	1	10 HP	1
RPB-10-07-7.5	10'-0"	7'-0"	7'-6"	10'-4"	9'-4"	13'-8"	7000 @3" SP	1 (7,000 CFM)	7	6	1	10 HP	2
RPB-10-08-7.5A	10'-0"	8'-0"	7'-6"	10'-4"	9'-4"	13'-8"	8000 @3" SP	1 (8,000 CFM)	7	6	1	10 HP	2
RPB-10-08-7.5B	10'-0"	8'-0"	7'-6"	10'-4"	9'-4"	13'-7"	8000 @3" SP	2 (4,000 CFM)	7	8	2	5 HP	2
RPB-10-10-7.5	10'-0"	10'-0"	7'-6"	10'-4"	10'-2"	13'-7"	10000 @3" SP	2 (5,000 CFM)	9	8	2	7.5 HP	2
RPB-12-07-7.5A	12'-0"	7'-0"	7'-6"	12'-4"	9'-4"	13'-8"	8000 @3" SP	1 (8,000 CFM)	7	6	1	10 HP	2
RPB-12-07-7.5B	12'-0"	7'-0"	7'-6"	12'-4"	9'-4"	13'-7"	8000 @3" SP	2 (4,000 CFM)	7	8	2	5 HP	2
RPB-12-08-7.5	12'-0"	8'-0"	7'-6"	12'-4"	9'-4"	13'-7"	10000 @3" SP	2 (5,000 CFM)	9	8	2	7.5 HP	2
RPB-12-10-7.5	12'-0"	10'-0"	7'-6"	12'-4"	10'-2"	13'-7"	12000 @3" SP	2 (6,000 CFM)	9	12	2	7.5 HP	2
Reference Key	A	B	C	D	E	F							

COL-MET SPRAY BOOTHS COMPLY WITH ALL APPLICABLE OSHA AND NFPA REGULATIONS