



Industrial



Powder



EZ PASS THRU POWDER BOOTH

Parts enter the booth through the conveyor openings, then pass the coating operator stations to receive the coating. The powder overspray is entrained within the air stream moving to the collector module, where the cartridge filters will remove the particulate. The containment air is drawn through the air handler's primary and final filter system before being discharged back into the room. Coated parts exit the booth for conveyance to the cure oven.

CONTROL EQUIPMENT

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

ILLUMINATION

Lighting is provided by four 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.

NOTE: Lexan™ roof panels may be substituted for the light fixtures.

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. The term for this is "loading"; as the cartridge filters "load", airflow decreases and suction pressure rises within the air handler. A timer activates a system of air purging valves that clear the cartridge filters of accumulated powder as needed.

SAFETY EQUIPMENT

- One (1) Air Interlock Solenoid Valve is provided with this booth.
- Filter Proving Switch is provided with this booth.
- Flame/Spark Detection (if required) will be provided by others.



SHOWN WITH STAINLESS STEEL OPTION
& LEXAN ROOF OPTION



POWDER BOOTH WITH COLLECTOR MODULE

CONSTRUCTION FEATURES AND QUALITY STANDARDS

- Booths are constructed from 18 gauge, prime-quality galvanized steel
- All panels and support members are precision punched for easy nut and bolt assembly
- Quality brand-name plug fans and motors
- 5/16 inch bolts with self locking nuts
- Industry-leading light levels
- Spray booth specific, dual voltage T-8 32-watt light fixtures
- Air solenoid valve and filter proving switch included
- Stainless steel option available
- Control panel and VFD is included



Control panel and VFD included



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COLLECTOR MODULE

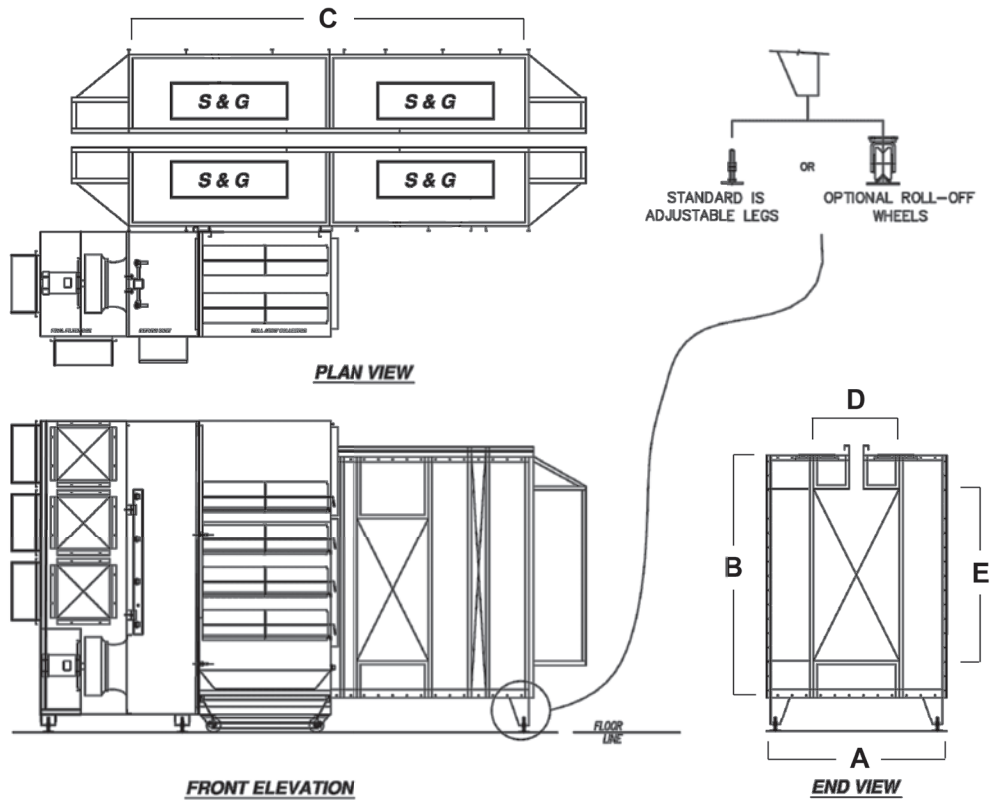
- Factory Assembled Powder Coated White 10 Gauge Mild Steel Construction
- Spark-Proof Construction Plug Type Fan
- Pulse Valves and Solenoids
- Rollaway Filter Module with Fluidized Bed

The use of Rollaway Filter Modules allows for a quicker color change since the filter section does not have to be cleaned between color change outs.

- Primary Filter Modules: Clark™ Filter #1566093 (or equal) - 12.75" dia. X 52" long
- Final Filter Modules: Airguard Variflow™ (or equal) - 24" X 24" X 12"

AVAILABLE OPTIONS

- Additional Rollaway Filter Module with Fluidized Bed (includes 1 set of filters)
- Cabin Upgrade to 18 gauge #304 Stainless Steel
- Floor & Base Assembly Upgrade to Formed 10 gauge #304 Stainless Steel
- Roll-off Base Assembly
- Air Package - includes plumbing to fluidized bed & four regulator air manifolds
- 110V Electrical Outlet in Control Panel



Model Number	Cabin Dimensions I.D.			Part Opening		Operator Access		Total CFM
	Width	Height	Length	Width	Height	Auto	Manual	
EPB-05-08-14	5'-0"	8'-0"	14'-0"	3'-0"	6'-0"	2	2	7,000 @ 4.5" SP
EPB-06-08-14	6'-0"	8'-0"	14'-0"	4'-0"	6'-0"	2	2	8,000 @ 4.5" SP
EPB-07-08-14	7'-0"	8'-0"	14'-0"	5'-0"	6'-0"	2	2	9,000 @ 4.5" SP
Reference Key	A	B	C	D	E			