

PASS THROUGH POWDER BOOTH



RTT's Pass Through Powder Booths are engineered with a conveyor slot providing the ability to powder coat from both sides of the part with automatic or combined manual and automatic coating applications. The booth also features a collector module that can be rolled away for easy color change and has additional modules available for multiple color operations.

Parts enter the booth through conveyor openings, then pass the 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.



Shown with stainless steel option & Lexan roof option

Features

- RTT booths are constructed from heavy duty 18-gauge, prime quality galvanized steel and engineered with corresponding support structure.
- 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.
- LED lighting is constructed of 22-gauge steel which is powder coated white, and available in 4000 and 8000 lumen models. E-Lights are ETL listed for US and Canada with Class 1 Division 2, Group A, B, C, D and Class 2 division 2, Group F and G ratings.
- 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) is 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.
- Purge Control Assures the safe operation of the coatings enclosure, by maintaining airflow at design levels.
- RTT booths meet and/or exceed quality performance standards and all applicable OSHA and NFPA regulations.



Powder Booth With Collector Module



Control panel and VFD included

Industry-leading LED lighting

Options

- Stainless steel
- Additional collection modules
- Durable powder coated white



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Selecting a Booth Size

RTT can design and build booths in a variety of sizes and configurations. Although our team can engineer custom sizes to fit your needs, below are standard sizes that are pre-engineered and available for quick shipment.

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

