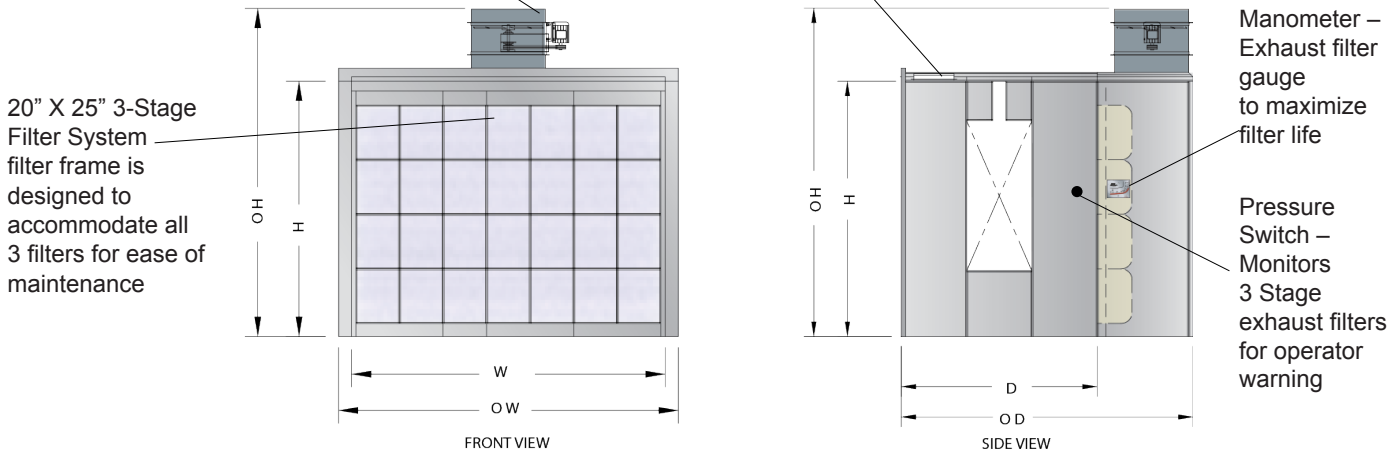


Conveyorized Non-Recovery Powder Booths

Quiet fans- typically operates at low dBA noise levels. Rated for 1.25 inch static pressure. Tubeaxial, belt-driven, with non-sparking blade and finger guard. Fan discharges into plant.

General Purpose Light Fixtures
ETL Approved, 4-Tube, T-8



*Note – Large conveyor openings might require a higher rated CFM exhaust fan; consult your Spray Systems advisor

Environmentally Safe Each Non-Recovery Powder Booth exceeds safety and code requirements – NFPA-33, IFC – to protect those that work in any industrial spray environment, while also protecting our atmosphere. Your booth will be designed to efficiently remove the powder overspray from the painting operation while maintaining uniform air flow throughout the work area.

Flexible and Adaptable You'll discover that we custom design our Non-Recovery Powder Booths to be flexible and adaptable to whatever your finishing applications might be. We design open face booths for batch production, as well as high production, conveyorized spray booth models. Adapting front filter doors, air make-up systems and special spray booth controls are just a few ways that we can engineer a custom booth for you.

Economic and Effective Our Non-Recovery Powder Booth provides you an extremely effective method of powder collecting, at half the cost of a traditional cartridge collector-type powder booth. These Booths are designed with a 3-Stage Filter System that captures the powder overspray, allowing clean air to recirculate back into your plant. This eliminates the need for exhaust stack with expensive air replacement systems. Non-Recovery Powder Booths are ideal for "spray to waste" batch operations.

The 3-Stage Filter System At Work Stage-1 prefilter pad, an easy-to-replace sacrifice filter that collects most of the powder overspray; Stage-2 pleated filter which protects the more expensive bag filter from finer powder particulates; and Stage-3 a 5-pocket, 12" deep bag filter which prevents fine powder contamination from recirculating in the plant. A pressure switch is included for monitoring the static pressure across the final stage. This pressure switch is a safety device which interlocks with the powder equipment to shut off at a pre-determined set point to warn operators to service the filters.

Appearance and Durability Your booth will have a quality appearance with our durable premium grade G-90 galvanized steel—a superior steel material that allows our booths to resist corrosion and to last longer.

PACKAGE FEATURES & BENEFITS

- **CNC and CAD Technology**—panels are manufactured of premium 18 gauge G-90 galvanized steel, and are precision-punched on six inch centers, allowing for easy nut and bolt assembly, and exploded view assembly drawings supplied
- **Quiet Exhaust Fan**—typically operates at low dBA noise levels, below OSHA limits
- **High Efficiency Motor**—tri voltage, TEFC, motors that match the high efficiency performance of the exhaust fan, three phase with a single phase option
- **Exhaust Filters**—20" x 25" filters yield a larger filter area, with a specially spun fiber design to remove paint particles efficiently. A manometer to properly manage filter maintenance is included
- **Lighting**—high efficiency lighting fixtures designed for mounting outside booth, industrial rated, four-tube (T-8) fluorescent fixtures with dust-tight seals and are ETL listed
- **UL Listed**—all electrical components and latching devices are UL/ETL listed
- **Essential Accessories**—all necessary caulking, nuts and bolts, hardware for proper booth installation

OPTIONS / ACCESSORIES

- Access Doors
- Air Make-up Units
- Air Solenoid Valves
- Constant Velocity Controls
- Control Panels
- Energy savings stand-by/idle mode
- Exhaust Stack Components
- Front Filter Doors
- Heaters / Infrared
- Lighting
- Magnahelic Gauges
- Observation Windows
- Pressurized Air Supply Plenums
- Safety Shut-Down System
- Specialized Filters

Conveyorized Non-Recovery Powder Booths

8' High Conveyorized Non-Recovery Powder Booth Models (120 FPM Average Face Velocity meeting minimum NFPA-33 Code Requirements)

Model Number	Work Dimensions			Overall Dimensions			Fan Dia	Fan Motor H.P.	Airflow SCFM @ 1.25" S.P.	3 Stage-Filter Qty	Light Fixture Qty	Shipping Weight Lbs
	W	H	D	O W	O H	O D						
PB-585-NRC	5'-6"	7'-9"	5'-0"	5'-10"	10'-6"	8'-8"	24"	2	5280	9	1	950
PB-887-NRC	7'-6"	7'-9"	7'-6"	7'-10"	10'-6"	11'-2"	24"	3	7200	12	1	1550
PB-1087-NRC	9'-6"	7'-9"	7'-6"	9'-10"	10'-6"	11'-2"	34"	5	9600	16	2	1750
PB-1287-NRC	12'-0"	7'-9"	7'-6"	13'-0"	10'-6"	11'-2"	34"	5	12480	21	2	2050
PB-1487-NRC	14'-0"	7'-9"	7'-6"	15'-0"	10'-6"	11'-2"	34"	7.5	13440	24	2	2350
PB-1687-NRC	16'-0"	7'-9"	7'-6"	17'-4"	10'-6"	11'-2"	34"	7.5	15360	28	4	2550
PB-1887-NRC	18'-0"	7'-9"	7'-6"	19'-4"	11'-2"	11'-2"	42"	7.5	17280	32	4	2850
PB-2087-NRC	20'-0"	7'-9"	7'-6"	22'-0"	11'-2"	11'-2"	42"	7.5	19200	36	6	3250

Specifications are subject to change without notice

10' High Conveyorized Non-Recovery Powder Booth Models (120 FPM Average Face Velocity meeting minimum NFPA-33 Code Requirements)

Model Number	Work Dimensions			Overall Dimensions			Fan Dia	Fan Motor H.P.	Airflow SCFM @ 1.25" S.P.	3 Stage-Filter Qty	Light Fixture Qty	Shipping Weight Lbs
	W	H	D	O W	O H	O D						
PB-8107-NRC	7'-6"	9'-9"	7'-6"	7'-11"	12'-6"	11'-2"	34"	5	9600	16	11	1750
PB-10107-NRC	9'-6"	9'-9"	7'-6"	9'-11"	12'-6"	11'-2"	34"	5	12000	20	2	2150
PB-12107-NRC	12'-0"	9'-9"	7'-6"	13'-0"	12'-6"	11'-2"	34"	7.5	14400	28	2	2350
PB-14107-NRC	14'-0"	9'-9"	7'-6"	15'-0"	13'-2"	11'-2"	42"	7.5	16800	32	2	3950
PB-16107-NRC	16'-0"	9'-9"	7'-6"	17'-4"	13'-2"	11'-2"	42"	7.5	19200	36	4	3275
PB-18107-NRC	18'-0"	9'-9"	7'-6"	19'-4"	13'-2"	11'-8"	42"	10	21600	40	4	3875
PB-20107-NRC	20'-0"	9'-9"	7'-6"	22'-0"	13'-2"	11'-8"	42"	10	24000	45	6	4275

Specifications are subject to change without notice

12' High Conveyorized Non-Recovery Powder Booth Models (120 FPM Average Face Velocity meeting minimum NFPA-33 Code Requirements)

Model Number	Work Dimensions			Overall Dimensions			Fan Dia	Fan Motor H.P.	Airflow SCFM @ 1.25" S.P.	3 Stage-Filter Qty	Light Fixture Qty	Shipping Weight Lbs
	W	H	D	O W	O H	O D						
PB-8127-NRC	7'-6"	11'-9"	7'-6"	7'-11"	14'-6"	11'-4"	42"	5	11520	20	1	1825
PB-10127-NRC	9'-6"	11'-9"	7'-6"	9'-11"	14'-6"	11'-4"	42"	5	14400	25	2	2300
PB-12127-NRC	12'-0"	11'-9"	7'-6"	12'-4"	14'-6"	11'-4"	42"	7.5	17280	35	2	2800
PB-14127-NRC	14'-0"	11'-9"	7'-6"	14'-4"	15'-2"	11'-4"	42"	10	20160	40	2	3075
PB-16127-NRC	16'-0"	11'-9"	7'-6"	16'-4"	15'-2"	11'-4"	42"	10	23040	45	4	3475
PB-18127-NRC	18'-0"	11'-9"	7'-6"	18'-4"	15'-2"	11'-10"	42"	10	25920	50	4	3675
PB-20127-NRC	20'-0"	11'-9"	7'-6"	20'-4"	15'-2"	11'-10"	42"	15	28800	55	6	4575

Specifications are subject to change without notice