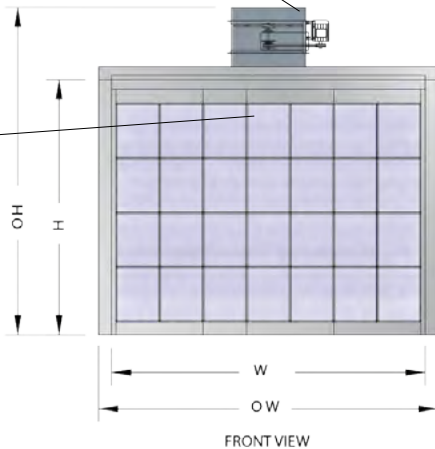


# Non-Recovery Powder Booths

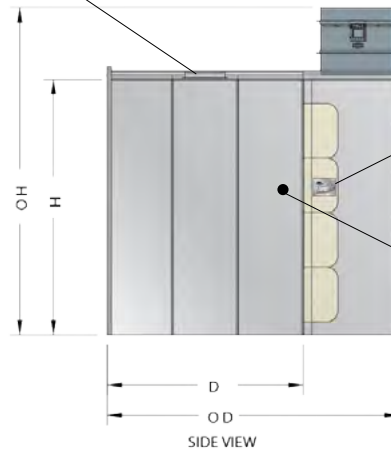
Quiet fans- typically operates at low dBa noise levels. Rated for 1.25 inch static pressure. Tubeaxial, belt-driven, with non-sparking blade and finger guard. Fan discharges into plant.

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

20" X 25" 3-Stage Filter System filter frame is designed to accommodate all 3 filters for ease of maintenance



FRONT VIEW



SIDE VIEW

Manometer – Exhaust filter gauge to maximize filter life

Pressure Switch – Monitors 3 Stage exhaust filters for operator warning

**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

# Non-Recovery Powder Booths

## 8' High Standard Non-Recovery Powder Booth Models (100 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-NR	5'-6"	7'-9"	5'-0"	5'-10"	10'-6"	8'-8"	24"	1 1/2	4400	9	1	950
PB-887-NR	7'-6"	7'-9"	7'-6"	7'-10"	10'-6"	11'-2"	24"	3	6400	12	1	1550
PB-1087-NR	9'-6"	7'-9"	7'-6"	9'-10"	10'-6"	11'-2"	34"	3	8000	16	2	1750
PB-1287-NR	12'-0"	7'-9"	7'-6"	13'-0"	10'-6"	11'-2"	34"	5	9600	21	2	2050
PB-1487-NR	14'-0"	7'-9"	7'-6"	15'-0"	10'-6"	11'-2"	34"	5	11200	24	2	2350
PB-1687-NR	16'-0"	7'-9"	7'-6"	17'-4"	10'-6"	11'-2"	42"	5	12800	28	4	2550
PB-1887-NR	18'-0"	7'-9"	7'-6"	19'-4"	11'-2"	11'-2"	42"	7.5	14400	32	4	2850
PB-2087-NR	20'-0"	7'-9"	7'-6"	22'-0"	11'-2"	11'-2"	42"	7.5	16000	36	6	3250

Specifications are subject to change without notice

## 10' High Standard Non-Recovery Powder Booth Models (100 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-NR	7'-6"	9'-9"	7'-6"	7'-11"	12'-6"	11'-2"	24"	3	8000	16	1	1750
PB-10107-NR	9'-6"	9'-9"	7'-6"	9'-11"	12'-6"	11'-2"	34"	5	10000	20	2	2150
PB-12107-NR	12'-0"	9'-9"	7'-6"	13'-0"	12'-6"	11'-2"	34"	5	12000	28	2	2350
PB-14107-NR	14'-0"	9'-9"	7'-6"	15'-0"	13'-2"	11'-2"	42"	5	14000	32	2	2950
PB-16107-NR	16'-0"	9'-9"	7'-6"	17'-4"	13'-2"	11'-2"	42"	7.5	16000	36	4	3250
PB-18107-NR	18'-0"	9'-9"	7'-6"	19'-4"	13'-2"	11'-8"	42"	7.5	18000	40	4	3850
PB-20107-NR	20'-0"	9'-9"	7'-6"	22'-0"	13'-2"	11'-8"	42"	7.5	20000	45	6	4250

Specifications are subject to change without notice

## 12' High Standard Non-Recovery Powder Booth Models (100 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-NR	7'-6"	11'-9"	7'-6"	7'-11"	14'-6"	11'-4"	34"	5	9600	20	1	1825
PB-10127-NR	9'-6"	11'-9"	7'-6"	9'-11"	14'-6"	11'-4"	34"	5	12000	25	2	2300
PB-12127-NR	12'-0"	11'-9"	7'-6"	12'-4"	14'-6"	11'-4"	34"	7.5	14400	35	2	2800
PB-14127-NR	14'-0"	11'-9"	7'-6"	14'-4"	15'-2"	11'-4"	42"	7.5	16800	40	2	3050
PB-16127-NR	16'-0"	11'-9"	7'-6"	16'-4"	15'-2"	11'-4"	42"	7.5	19200	45	4	3450
PB-18127-NR	18'-0"	11'-9"	7'-6"	18'-4"	15'-2"	11'-10"	42"	10	21600	50	4	3650
PB-20127-NR	20'-0"	11'-9"	7'-6"	20'-4"	15'-2"	11'-10"	42"	10	24000	55	6	4550

Specifications are subject to change without notice