

Powder Spray Enclosure Model: PSE8810

Description: 8'T x 8'W x 10'L (i.d.) Spray Enclosure, 3 Phase, 220 volt, requires 20 amp circuit

- 3 HP/30" fan exhaust unit (8,050 CFM)
- Spray-to-waste design with 3 stage filter system
- True HEPA final filtration with HEPA filters mounted in galvanized steel frames
- 2) ceiling mounted 4-tube light fixtures

Booth Construction: The booth walls and roof are made of 18 gauge or thicker steel that has been G90 galvanized. The booth utilizes a single panel design. The walls and roof are connected via a track system. The booth is bolted together and the rear exhaust system is integrated into the booth construction. Threaded inserts in key parts help simplify assembly. No welding is required. Includes all fasteners, assembly hardware and sealant.

Doors/Frontals: Booth comes with filtered doors, which use 20" x 20" filters in a frame system made of 12, 16, and 18 gauge aluminized or G90 galvanized steel.

Lighting: Booth lights mount near the connection of the wall and roof in alternating panels. The spray enclosure includes roof-mounted light fixtures designed to accommodate T-8 bulbs. These fixtures are mounted on special panels that include factory-provided reinforcement. The light fixture is mounted in place over a sheet of tempered safety glass that is sealed in place. All light fixtures are accessible only from the booth's exterior.

Exhaust Unit: The exhaust unit is constructed of primarily 16 gauge and 18 gauge aluminized or G90 galvanized steel. The exhaust system utilizes a 3 HP motor, HP fan drive and includes a twostage filter system to draw air through the booth enclosure and vent to the outside. An optional third stage with true HEPA filters allows you to return cycled air to the shop atmosphere. The NESHAP/ASHRAE configuration uses a tackified

polyester blanket type pre-filter and 24" x 24" dual ply polyester cube type intermediate filters. An optional array of 24" x 30" true HEPA filters provides final filtration before air is returned to the shop environment. The exhaust unit is designed to draw air from the lower 1/3 of one wall of the booth, resulting in semi-downdraft airflow.

Controls: The spray enclosure is controlled via a remote control panel in a NEMA enclosure. The operator can turn the lights on or off and activate the exhaust unit. The motor conforms to National Electric Manufacturers Association's ratings A and B and is UL rated.

Electrical Requirements: Spray Enclosure: 20 amp circuit
Control Panel: 110 Volt /1 Phase outlet (to be located within 20 feet of the booth)