

## P8XE Nano Confined Space Fan ↔ Hazardous Location Motor

an 8" confined space fan designed for confined space ventilation challenges with unknown gases and potentially dangerous environments. The P8XE delivers the highest airflow in its class and can be used to supply clean air or to exhaust fumes from an area. The P8XE is powered by a motor rated for Class 1 Group D environments.

### Features

- ↻ 8" Blade
- ↻ 2 Carry Handles
- ↻ Can be Used for Negative or Positive Pressure Operations
- ↻ Duct can be Attached to Either End
- ↻ 5 Year Warranty

### Specs

- Motor ↻ 1/3 Hp, hazardous location rated for Group 1 Class D, 60/50hz, 115/230V
- HxWxD ↻ 11.5" x 10.75" x 16" ↻ 292mm x 273mm x 406mm
- Blade Diameter ↻ 8" ↻ 203mm
- Weight ↻ 22 lbs ↻ 10 kg
- Output ↻ 1037 cfm ↻ 1760 cmh

### Available as a Kit

Includes:

- (1) Nano P8XE + choice of 15 or 25 ft static dissipating duct for ventilation in explosive environments





## ELECTRIC CONFINED SPACE FAN

A Super Vac Nano P8XE, 8" electric confined space fan shall be supplied. The unit shall feature a square construction design for strength and stability. The unit shall be designed with two (2) carrying handles on each corner for easy positioning and rapid deployment. All components of the smoke ejector shall 100% manufactured and assembled in the United States. No Exceptions

The confined space fan shall be powered by a 1/3 Horsepower electric motor that is listed by Underwriters Laboratory (UL) for Hazardous Locations up to and including Class 1, Group D.

The entire housing of the unit shall be constructed of weather and corrosion resistant, high impact polyethylene conductive plastic with a full aluminum liner. The blade shall be constructed of Electro Anti-Static Glass Reinforced Polyamide (PAGAS – Nylon) and rated from -40° F to +248°F. The blade shall be precision balanced and attached to the engine shaft for a direct drive connection. Any confined space fan utilizing belts, pulley, gears, or additional shafts shall not be acceptable.

The front and rear safety guards shall be designed to OSHA and U.L. Standards to prevent accidental contact with the blade.

The unit shall be designed to accept a ventilation air duct to either the inlet or outlet side of the fan. The unit shall be designed to be used in conjunction with either a spiral or "L" air without any additional adapters required.

The confined space fan shall be designed with the following:

Motor Manufacturer: Bluffton Electric Motor  
Horsepower: 1/3 HP  
Cubic feet per minute: 1037 CFM  
Dimensions: 11.50 High x 10.75 Wide x 16.00 Deep  
Weight: 22 pounds

The confined space fan shall have a minimum five (5) year warranty. The motor shall be warranted by the motor manufacturer for a minimum of two (2) years.

## Optional Duct

A Super Vac, conductive duct for Nano shall be supplied. The duct shall be constructed from a single ply of conductive neoprene coated polyester material and is supported by a continuous spring steel wire helix. The Nano conductive duct is produced with a specially formulated conductive compound, which in turn provides a superb way to dissipate static build-up when the duct is properly grounded.

The duct shall come with built in carry bag that duct contracts into for easy transportation.

Conductive material shall be rated to 100,000 ohms or less per square inch.

Heavy duty vinyl wearstrip with self adhering neoprene backing, approximately 25-27 oz square yard. Abrasion resistance of 18,000 cycles from H-22 wheel with 1000 gram load (FSTM 191 Method 5306)

A Class 1 hard drawn spring steel wire helix that conforms to ASTM 227 specifications shall be in place to support the duct.

The duct shall have produced to UL94-V-0 flame retardancy specifications / MINS 540-106-1 (Mare Island Naval Shipyard) / California T-19 / NFPA 701 - Large Scale

The product should be grounded on each end, with a solid means of connection. Grounding this product on one only will still provide a safe positive means of discharging static build-up. Grounding straps shall be provided at the wire terminations ends.