

# P164S

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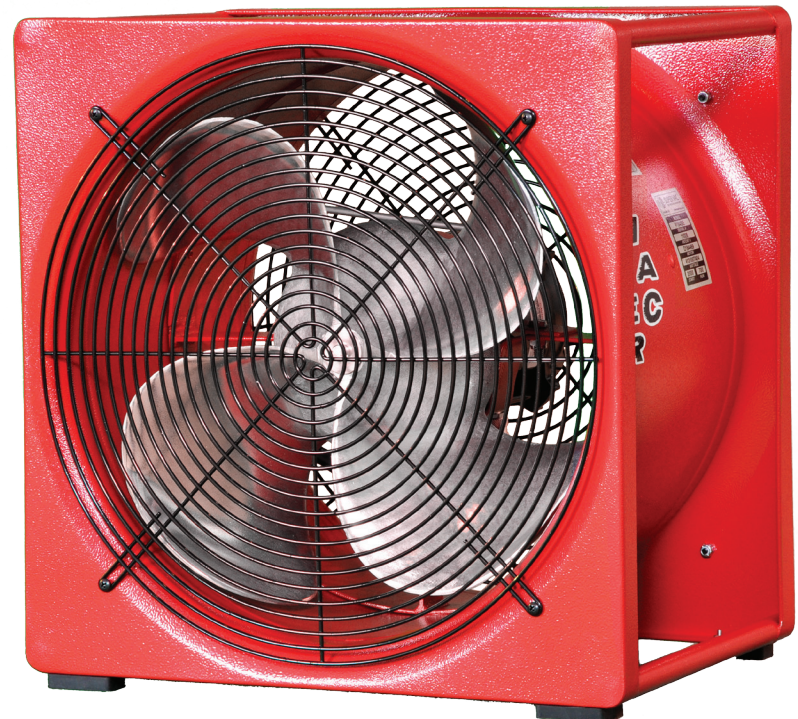
The P164S is the most popular smoke ejector in the fire/rescue industry. This 16” smoke ejector features a 1/3 Hp TEAO (Totally Enclosed Air Over) electric motor which produces 5200 cubic feet per minute of airflow.

Durability and safety was in mind when this fan was designed. It features a steel frame, a cast aluminum blade, and a heavy gauge steel grill. A baked on powder coat paint job ensures a long lasting finish. P series fans are the perfect combination of a low noise, high output design.

The efficient design of these fans includes Super Vac’s patented propeller which produces a much greater intake of air into the vacuum side, eliminates turbulence at the tips, and provides a high velocity screw action that sweeps air back over the motor.

## Specs

Motor .....	1/3 Hp TEAO
HxWxD .....	19.25” x 18.75” x 13”
Fan Diameter .....	16”
Weight .....	44 lbs
Start .....	2000 watts
Run .....	700 watts
Shroud .....	3200 CFM
Venturi .....	5200 CFM



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## ELECTRIC SMOKE EJECTOR

A Super Vac, part number #P164S, 16” electric smoke ejector shall be supplied. The unit shall feature a square construction design for strength and stability. The unit shall be designed with four (4) 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.

The blade shall be driven by a 1/3 Horsepower Bluffton electric motor that shall be operational with any 120 or 240 volt system. The unit shall be designed with a totally enclosed air over motor casing to ensure the motor protection.

The entire frame of the unit shall be constructed of steel and shall surround the four-blade 16” recurve tip blade to enhance lifting and user safety. The blade shall be constructed of precision cast aluminum alloy #319. The blade shall be precision balanced and attached to the engine shaft for a direct drive connection. Any smoke ejectors utilizing belts, pulley, gears, or additional shafts shall not be acceptable.

The unit shall be designed to attach 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 ducting and its Super Vac adapters.

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 tested to AMCA 210 for air movement and the air movement shall exceed 3200 cubic feet per minute.

The smoke ejector shall be designed with the following:

Motor Manufacturer:	Bluffton Electric Motor
Horsepower:	1/3HP
Voltage:	120/240V
Cubic feet per minute:	3200 CFM
Dimensions:	19-1/4” high x 18-3/4” wide x 13” deep
Weight:	44 pounds

The smoke ejector shall have a minimum five (5) year warranty. The engine shall be warranted by the engine manufacturer for a minimum of two (2) years.