P164S

Electric Smoke Ejector

The most popular smoke ejector in the fire industry, this 16" electric, single-speed Super Vac Smoke Ejector delivers the perfect combination of size and power, perfect for departments that need an everyday smoke ejector. This fan pulls smoke from structures using negative pressure but can be flipped around for positive pressure tactics. Smoke ejectors are most effective when working with natural airflow and not against Mother Nature.

Features

1. **Patented 4-Tip Recurved Aluminum Blade:** Creates a tight spiral of air to eject smoke and fumes away from the building; aluminum holds up better than plastic in high heat
2. **Precision-Balanced Blade:** Maximizes output
3. **Heavy-Duty Rubber Feet:** Adds friction to keep fan in place
4. **4 Carry Handles:** Makes transportation easy with one or two people
5. **Front and Rear Guards:** Prevents accidental contact with key components

5-YEAR WARRANTY

Compatible with these Super Vac Accessories:

Spiral Duct, Mountain Mister, Tilt Frame, Foam Generator and Door Bar/Hanger

16" Blades - H x W x D: 19.25" x 18.75" x 13" - *490 mm x 480 mm x 330 mm*

Model	Weight	Motor	RPM	Start	Run	Output
P164S	44 lbs *20 kg*	Genteq, single-speed, TEAO, 1/2 HP, 50/60Hz, 460V AC	1,725	2,000 w 15-amp circuit	700 w	**Shroud:** 3,200 cfm - *5,435 cmh* **Venturi:** 5,200 cfm - *8,835 cmh*

For a demo or pricing information, please contact: 800-525-5224 | info@supervac.com | www.supervac.com

SUPERVAC

ELECTRIC SMOKE EJECTOR

A Super Vac, part number #P164S, 16” electric smoke ejector shall be supplied. The unit shall feature square construction 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 be 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 115- or 230-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 5,200 cubic feet per minute.

The smoke ejector shall be designed with the following:

Motor:	Bluffton Totally Enclosed Air Over (TEAO) Electric
Horsepower:	1/3 HP
Power:	115/230V AC, 50/60Hz
Speed:	1,725 rpm
Output:	5,200 cfm
Dimensions:	19.25" high x 18.75" wide x 13" deep (490 mm x 480 mm x 330 mm)
Weight:	44 lbs.

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

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