

HF164E F Series Confined Space Fan

The HF164E is a 16" electric, hazardous location, high-speed, confined space fan that delivers the perfect combination of size and power in an everyday ventilator. Super Vac's F Series fans provide unmatched durability; the entire frame is constructed of steel, and the patented 4-tip recurve aluminum blade is precision balanced for maximum output.

Features

- 1 **Patented 4-Tip Recurved Aluminum Blade:** Creates a tight spiral of air to eject smoke and fumes away from the building while providing high-velocity screw action to sweep air back over the motor; aluminum holds up better than plastic in high heat
- 2 **Precision-Balanced Blade:** Maximizes output
- 3 **Steel frame with heavy-gauge steel grill and baked-on powder coat:** Ensures a long-lasting finish
- 4 **Heavy-Duty Rubber Feet:** Friction keeps fan in place
- 5 **4 Carry Handles:** Makes transportation easy with one or two people
- 6 **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 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
HF164E	63 lbs 28.5 kg	Bluffton, high speed, hazardous location rated for Class 1 Group D, 1-1/2 HP, 50/60Hz, 115/230V AC	3,450	6,000 w 20-amp circuit	2,100 w	9,620 cfm 16,345 cmh

ELECTRIC CONFINED SPACE FAN

A Super Vac, part number #HF164E, 16" electric confined space fan 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 1-1/2 HP Bluffton high-speed, hazardous location, electric motor that shall be operational with any 115- or 230-volt system.

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 AMCA tested for air movement, and the air movement shall exceed 9,620 cubic feet per minute.

The electric confined space fan shall be designed with the following:

Motor:	Bluffton Hazardous Location Electric
Horsepower:	1-1/2 HP
Power:	115/230V AC, 50/60Hz
Speed:	3,450 rpm
Output:	9,620 cfm (16,345 cmh)
Dimensions:	19.25" high x 18.75" wide x 13" deep (490 mm x 480 mm x 330 mm)
Weight:	63 lbs.

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.

