

## HF16" Smoke Ejectors < Electric Motor

A 16", electric, high-single-speed, smoke ejector designed for high power air movement for the toughest of jobs. Perfect for departments with the need to force or pull air deep into a structure or underground. **The most powerful smoke ejector in the fire industry.**

### Features

- ◊ **Patented 4-tip Recurve Aluminum Blade** ◊ holds up better than plastic in high heat
- ◊ **Precision Balanced Blade** ◊ maximizes output
- ◊ **Rubber Feet** ◊ heavy duty rubber adds friction to keep fan in place
- ◊ **4 Carry Handles** ◊ makes transportation easy with 1 or 2 people
- ◊ **Front and Rear Guards** ◊ prevents accidental contact with key components
- ◊ **Top Mounted ON/OFF Switch**
- ◊ **Compatible With Super Vac Accessories**
  - ◊ Spiral Duct
  - ◊ Door Bar / Hanger
  - ◊ Mountain Mister
  - ◊ Foam Generator
  - ◊ Tilt Frame
- ◊ **5 Year Warranty**

### Specs

- Motor** ◊ Bluffton single speed, TEAO ( Totally Enclosed Air Over)
- Motor Specs** ◊ 1-1/2 Hp, 60hz, 115/230V
- HxWxD** ◊ 19.25" x 18.75" x 16" ◊ 495mm x 477mm x 406mm
- Blade Diameter** ◊ 16" ◊ 406mm
- Weight** ◊ 59 lbs ◊ 27 kg
- RPM** ◊ 3450
- Start Requirements** ◊ 6000w - 20 amp circuit
- Run Requirements** ◊ 2100w
- Output (Shroud)** ◊ 4950 cfm ◊ 8410 cmh
- Output (Venturi)** ◊ 9620 cfm ◊ 16,345 cmh





## ELECTRIC SMOKE EJECTOR

A Super Vac, part number #HF164, 16" high speed 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 1-1/2 Horsepower Franklin electric motor that shall be operational with any 120 or 240 volt system with a 20 amp circuitry. 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 #535. 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 4950 cubic feet per minute.

The smoke ejector shall be designed with the following:

Motor Manufacturer:	Bluffton Electric Motor
Horsepower:	1-1/2HP
Voltage:	115/230V
Cubic feet per minute:	4950 CFM
Dimensions:	19.25" high x 18.75" wide x 16" deep
Weight:	59 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.