

# P164b

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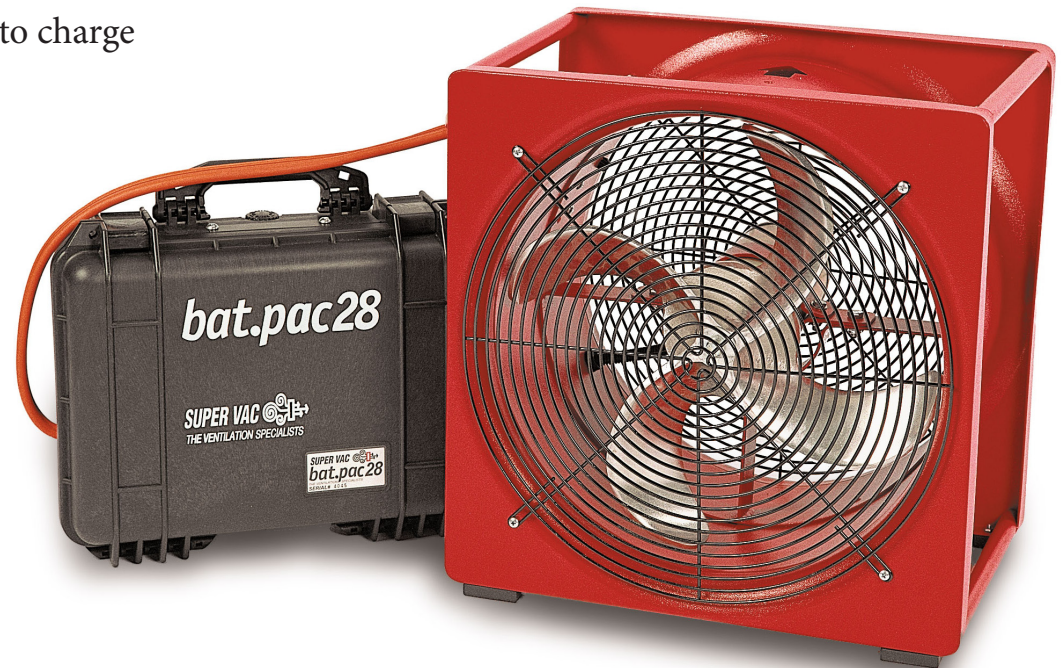
The P164b is a variable speed, smoke ejector powered by a 24V battery that features a reliable 16” cast aluminum 4 tip blade.

The P164b combines fast, no generator set-up and high airflow of over 3,000 cubic feet per minute. This is done with a zero emission airstream because it is powered by a Super Vac IonPac 2.0 battery, which is included with the fan.

The IonPac 2.0 battery can run the fan for 45 minutes running at full speed and up to 60 minutes running at a lower speed, creating faster set up times. If additional ventilation is needed after the battery becomes discharged, it can be plugged into a 120 VAC power source while the fan is in use in order to charge simultaneously.

## Specs

Power .....	24V Lithium/Ion BatPac
Motor.....	1Hp Variable Speed
HxWxD .....	19.5” x 18.75” x 13”
Fan Diameter .....	16”
Weight .....	35 lbs
Run Time .....	45 minutes - 60 minutes
Charge Time .....	5 hours
CFM .....	3200
Battery Life Cycle .....	1000 cycles
Battery Weight .....	32.5 lbs



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## **ELECTRIC BLOWER / EXHAUSTER**

A Super Vac, part number #P164b, 16” battery powered 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 smoke ejector shall be powered by a battery powered motor with a supplied 24V lithium ion battery pack. The battery shall be able to be plugged into 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 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:

### **Smoke Ejector**

Motor Manufacturer: Leeson

Horsepower: 1 HP

Cubic feet per minute: 3200

Dimensions: 13” deep x 18-3/4” wide x 19-1/2” high

Weight: 35 pounds

### **Battery**

Weight: 32.5 lbs

Life: 1000 cycles

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.