

## P164-BD Battery Powered Smoke Ejector

Compact. Lightweight. And reliable. This battery-powered smoke ejector can operate for 56 minutes on a full charge while maintaining the same output as other 16" electrical smoke ejectors. The fan can also be plugged into a 115/230V AC power source to run the fan indefinitely. Super Vac smoke ejectors are designed to pull smoke from structures using negative pressure, or they can be turned around for positive pressure tactics.

### Features

- 1 **DeWalt FLEXVOLT Lithium-Ion Batteries:** Provide up to 56 minutes of max airflow, depending on battery selection.
- 2 **Compact, Roll-Cage Frame:** Features a tough yet lightweight frame to protect the fan's key components.
- 3 **Optional Shore Power:** Provides continuous use.
- 4 **StreamShaper Guard:** Allows for flexible setback.
- 5 **Dual Inlet or Outlet:** Maximizes ventilation versatility.
- 6 **(2) Carry Handles:** Makes transportation easy with one or two people.
- 7 **Polymer Blade:** Minimizes weight; Super Vac's single-piece cast aluminum blade is available by request.
- 8 **Heavy-Duty Rubber Feet:** Adds friction to keep fan in place and steady.

**5-YEAR  
WARRANTY**

3-YEAR WARRANTY  
ON MOTOR

**16" Blade - H x W x D: 25.5" x 18.875" x 9.75" - 650 mm x 480 mm x 250 mm**

Model	Weight Without Batteries	Motor	Setback For Output Rating	Output
P164-BD	38 lbs 17.3 kg	Totally Enclosed Variable-Speed DC	14 ft 4.3 m	6,700 cfm 11,380 cmh



### Battery Options

Compatible Battery	Run Time At Max Airflow
DeWalt FLEXVOLT 9.0Ah (2) (Compatible with all DeWalt 20/60/120V MAX Tools)	33 minutes (with built-in battery gauge)
DeWalt FLEXVOLT 12.0Ah (2) (Compatible with all DeWalt 20/60/120V MAX Tools)	44 minutes (with built-in battery gauge)
DeWalt FLEXVOLT 15.0Ah (2) (Compatible with all DeWalt 20/60/120V MAX Tools)	56 minutes (with built-in battery gauge)

\*Up to 56 minutes run time, depending on battery selection.



## BATTERY SMOKE EJECTOR

A Super Vac, part number P164-BD 16" variable-speed battery smoke ejector shall be supplied. The unit shall be designed with (2) 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 16" six-blade shall be constructed of polymer and driven by a battery-powered motor with a direct drive connection. Any ventilators utilizing belts, pulley, gears or additional shafts shall not be acceptable.

The unit shall be supplied with a DeWalt FLEXVOLT lithium ion battery system (dual 9Ah, 12Ah or 15Ah batteries) that is commercially available for low cost and ease of replacement. A dual 15Ah battery system shall operate for up to 56 minutes on a single charge delivering a maximum amount of airflow; the 12Ah battery system shall enable the fan to operate for up to 44 minutes; the 9Ah battery system shall operate for up to 33 minutes. Fans using proprietary battery systems shall not be acceptable due to higher cost and limited supply.

The shroud and the safety grill shall be designed to provide maximum air velocity. The front and rear safety guards shall be designed to OSHA and U.L. Standards to prevent accidental contact with the blade.

Works with all Super Vac Ejector accessories, including Door Bars/Hangers, Man Hole Adapters, Mountain Mistlers and High Expansion Foam Generators.

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 variable-speed battery fan shall be designed with the following:

Motor:	Totally Enclosed Variable-Speed DC
Power:	1 HP
Speed:	2,500 rpm
Airflow:	6,700 cfm (11,380 cmh)
Dimensions:	25.5" x 18.875" x 9.75" (650 mm x 480 mm x 250 mm)
Weight:	38 lbs. (17.3 kg)

The PPV shall have a minimum five (5) year warranty. See [www.dewalt.com](http://www.dewalt.com) for details on DeWalt's warranties. Motor shall be warranted for a minimum of three (3) years.

