

V16-BL-SP-WH Variable-Speed Battery Fan

Compact. Lightweight. And reliable. Introducing the all-new Super Vac 16" variable-speed battery fan. This PPV works with Milwaukee REDLITHIUM 18V batteries, making it the most compatible PPV interface on the market. This nimble fan weighs only 53 lbs. and is 24.25" tall x 23.75" wide x 12.25" deep, turning this fan into the industry's lightweight champ.

Frame Features

- 1 Compact, Roll-Cage Frame:** Features a tough yet lightweight aluminum frame to protect key components while providing a compact, lightweight design
- 2 Fold-Down Ergonomic Handle:** Folds into the frame for compact storage; features full-width handle for easy grip with heavy-duty gloves
- 3 Flat-Proof Rubber Tires:** Highly maneuverable, and all without lifting the fan; easy to deploy by the smallest firefighters.
- 4 180-Degree Tilt:** Provides the largest tilt range among battery fans, allowing airflow to be directed virtually anywhere

Fan Features



- 5 Milwaukee REDLITHIUM 18V batteries:** Batteries provide up to 50 minutes of run time, depending on battery selection; 120-240V AC operation is standard (with optional delete).
- 6 Polymer Blade:** Minimizes weight; Super Vac's single-piece cast aluminum blade is available by request
- 7 Precision-Spun Steel Shroud with StreamShaper Guard:** Shroud provides durability with max airflow, while the StreamShaper guard allows for flexible setback; Air Cone Guard available by request

16" Blades - H x W x D: 24.25" x 23.75" x 12.25" - 615 mm x 605 mm x 315 mm

Model	Weight With Batteries and Shore Power	Motor	Setback For Output Rating	Angle For Output Rating	According to AMCA Output
V16-BL-SP-WH	53 lbs 24 kg	Totally Enclosed Variable-Speed DC	16 ft 4.9 m	10°	9,131 cfm 15,514 cmh



Battery Options

Compatible Battery	Run Time At Max Airflow
 Milwaukee REDLITHIUM™ HIGH OUTPUT™ XC8.0 (2)	25 minutes (with built-in battery gauge)
 Milwaukee REDLITHIUM™ HIGH OUTPUT™ HD12.0 (2)	50 minutes (with built-in battery gauge)

120-240V AC operation is standard (with optional delete).

**5-YEAR
WARRANTY**

3-YEAR WARRANTY
ON MOTOR



POSITIVE PRESSURE VENTILATOR

A Super Vac, part number V16-BL-SP-WH, 16" variable-speed battery fan shall be supplied. The unit shall be designed with a lightweight roll-cage frame with strategic placement of bracing members to enable easy carrying of the fan.

The entire frame of the unit shall be constructed of aluminum that shall surround the shroud and a six-blade 16" airfoil propeller in a roll-cage design, which shall enhance lifting and user safety. The blade shall be constructed of polymer and driven by an 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 dual Milwaukee REDLITHIUM 18V battery system (dual XC8.0 or HD12.0 batteries) that is commercially available for low cost and ease of replacement. A dual 12Ah battery system shall enable the fan to operate for up to 50 minutes on a single charge delivering a maximum amount of airflow; the 8Ah battery system shall operate for up to 25 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 positive pressure ventilator shall have 180-degree tilt capability. The front and rear safety guards shall be designed to OSHA and U.L. Standards to prevent accidental contact with the blade.

The fan shall include shore power, allowing continuous operation off any 120-240V AC supply.

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

Motor:	Totally Enclosed Variable-Speed DC
Power:	1 HP
Speed:	2,020 rpm
Airflow:	9,131 cfm (15,514 cmh)
Dimensions:	24.25" x 23.75" x 12.25" (615mm x 605mm x 315mm)
Weight:	53 lbs. (21kg) (Weight with batteries and shore power)

The PPV shall have a minimum five (5) year warranty. The battery and charger are warranted by Milwaukee for three (3) years. See www.milwaukeetool.com for details. Motor shall be warranted for a minimum of three (3) years.

