SUPER VAC

U.S. PATENT NOS.
11,131,321 AND 11,795,970
AND PATENTS PENDING

V16-BW-SP Variable-Speed Battery Fan

Compact. Lightweight. And reliable. Introducing the all-new Super Vac 16" variable-speed battery fan. This PPV works with Milwaukee Red Lithium 28V batteries, making it the most compatible PPV interface on the market. This nimble fan weighs only 45 lbs. and is 22.75" tall x 23" wide x 12" deep, turning this fan into the industry's lightweight champ.

Features

1. **Compact, Roll-Cage Frame:** Features a tough yet lightweight aluminum frame to protect key components while providing a compact, lightweight design
2. **180-Degree Tilt:** Provides the largest tilt range among battery fans, allowing airflow to be directed virtually anywhere
3. **Milwaukee Red Lithium 28V batteries:** Provide up to 40 minutes of max airflow, depending on battery selection
4. **Polymer Blade:** Minimizes weight; Super Vac's single-piece cast aluminum blade is available by request
5. **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
6. **Optional Forward Facing LED:** Glove compatible push button allow for easy illumination of the scene to improve visibility of tripping hazards

5-YEAR WARRANTY

3-YEAR WARRANTY
ON MOTOR/BATTERIES

16" Blades - H x W x D: 22.75" x 23" x 12" - 580 mm x 585 mm x 305 mm

Model	Weight With Batteries and Shore Power	Motor	Setback For Output Rating	Angle For Output Rating	Output
V16-BW-SP	45 lbs *20 kg*	Totally Enclosed Variable-Speed DC	15 ft 4.6 m	10°	8,127 cfm 13,808 cmh

Battery Options

Compatible Battery	Run Time
Milwaukee M28 REDLITHIUM™ XC3.0 (2)	31 minutes (With built-in battery gauge)
Milwaukee M28 REDLITHIUM™ XC5.0 (2)	52 minutes (With built-in battery gauge)

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

For a demo or pricing information, please contact: 800-525-5224 | info@supervac.com | www.supervac.com

POSITIVE PRESSURE VENTILATOR

A Super Vac, part number V16-BW-SP, 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 compatible with dual Milwaukee Red Lithium 28V battery system (dual 3Ah or 5Ah batteries) that is commercially available for low cost and ease of replacement. A dual 5Ah battery system shall enable the fan to operate for up to 52 minutes on a single charge delivering a maximum amount of airflow; the 3.0Ah battery system shall operate for up to 31 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.

Options:

Also available is a forward facing LED operated with a glove compatible push button. The LED light illuminates the scene and improves visibility of possible tripping hazards at the doorway.

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

Motor:	Totally Enclosed Variable-Speed DC
Power:	1 HP
Airflow:	8,127 cfm (13,808 cmh)
Dimensions:	22.75" x 23" x 12" (580 mm x 585 mm x 305 mm)
Weight:	45 lbs. (20 kg) (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.