

V16-BK-SP Variable-Speed Battery Fan

Compact. Lightweight. And reliable. Introducing the all-new Super Vac 16" variable-speed battery fan. This PPV works with Makita XGT 40v batteries, making it the most compatible PPV interface on the market. This nimble fan weighs only 46 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 **Makita XGT 40V Batteries:** Provides up to 45 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:** Provides durability with max airflow, while the StreamShaper guard allows for flexible setback; Air Cone Guard available by request
- 6 **Optional Forward Facing LED:** Allows for easy illumination of the scene to improve visibility of tripping hazards with glove compatible push button

**5-YEAR
WARRANTY**

3-YEAR WARRANTY
ON MOTOR

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	According to AMCA Output
V16-BK-SP	46 lbs 21 kg	Totally Enclosed Variable-Speed DC	14 ft 4.3 m	5°	8,900 cfm 15,120 cmh



Battery Options

Compatible Battery	Run Time At Max Airflow
 Makita® XGT 40v 4.0Ah Batteries	35 minutes (with built-in battery gauge)
 Makita® XGT 40v 5.0Ah Batteries	45 minutes (with built-in battery gauge)

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



POSITIVE PRESSURE VENTILATOR

A Super Vac, part number V16-BK-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 supplied with dual Makita XGT 40v battery systems (dual 4.0Ah or 5.0Ah batteries) that is commercially available for low cost and ease of replacement. A dual 5.0Ah battery system shall enable the fan to operate for up to 45 minutes on a single charge delivering a maximum amount of airflow; the 4.0Ah battery system shall operate for up to 35 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:	2,000 rpm
Airflow:	8,900 cfm (15,120 cmh)
Dimensions:	22.75" x 23" x 12" (580mm x 585mm x 305mm)
Weight:	46 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 Makita for three (3) years. See makitatools.com for details. Motor shall be warranted for a minimum of three (3) years.

