SUPER VAC

PATENT PENDING

V18-BD-SP Variable-Speed Battery Fan

Never in firefighter history has one battery fan worked together with your department's other DeWalt® battery-operated tools. Introducing the all-new Super Vac 18" variable-speed battery fan, which works with dual DeWalt FLEXVOLT® batteries, making this rugged yet compact fan the most swappable PPV interface on the market.

Frame Features

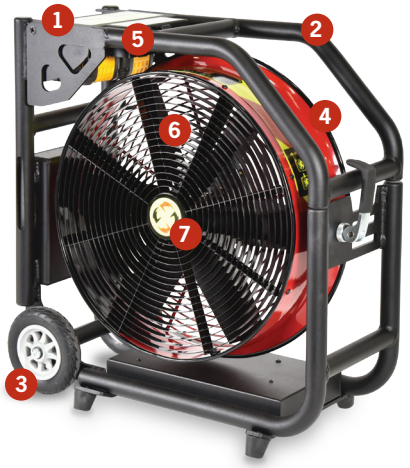
1. **Compact, Roll-Cage Frame:** Features a tough yet lightweight aluminum frame to protect key components while providing a compact, lightweight design
2. **Fold-Down Ergonomic Handle:** Folds into the frame for compact storage; features full-width handle for easy grip with heavy-duty gloves
3. **Flat-Proof 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. **DeWalt FLEXVOLT Lithium Ion Batteries:** Batteries provide up to 40 minutes of max airflow, 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

18" Blades - H x W x D: 25.75" x 25.75" x 12" - *655mm x 655mm x 305mm*

Model	Weight With Batteries and Shore Power	Motor	Setback For Output Rating	Angle For Output Rating	AMCA Certified Output
V18-BD-SP	46 lbs *21 kg*	Totally Enclosed Variable-Speed DC	15 ft 4.6m	10°	10,840 cfm 18,417 cmh



Battery Options

Compatible Battery	Run Time At Max Airflow
DeWalt FLEXVOLT 9.0Ah (2) (Compatible with all DeWalt 20/60/120V MAX Tools)	35 minutes (with built-in battery gauge)
DeWalt FLEXVOLT 12.0Ah (2) (Compatible with all DeWalt 20/60/120V MAX Tools)	40 minutes (with built-in battery gauge)

*Up to 40 minutes run time, depending on battery selection. 120V MAX is based on using 2 DeWalt 60V MAX*lithium-ion batteries combined. 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

SUPERVAC

POSITIVE PRESSURE VENTILATOR

A Super Vac, part number V18-BD-SP, 18" battery operated positive pressure ventilator shall be supplied. The unit shall be designed with a lightweight roll-cage frame and include flat-proof rubber tires and an ergonomic handle that folds into the frame for easy positioning, rapid deployment and compact storage.

The entire frame of the unit shall be constructed of aluminum that shall surround the shroud and a six-blade 18" 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 a dual DeWalt® FLEXVOLT® lithium-ion battery system (9.0Ah or 12.0Ah batteries) that is commercially available for low cost and ease of replacement. Blowers using proprietary battery systems shall not be acceptable due to higher cost and limited supply. A dual 12Ah battery system shall enable the ventilator to operate for up to 40 minutes on a single charge delivering a maximum amount
of airflow; the 9Ah battery system shall operate for up to 35 minutes.

The shroud and the safety grill shall be designed as 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 unit must be licensed by AMCA for air movement and listed under PPV at amca.org. The air movement shall meet 10,840 cubic feet per minute.

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

The positive pressure ventilator shall be designed with the following:

Motor:	Totally Enclosed Variable-Speed DC
Power:	1Hp
Speed:	2,032 rpm
AMCA Certified Airflow:	10,840 cfm (18,714 cmh)
Dimensions:	25.75" x 25.75" x 12" (655mm x 655mm x 305 mm)
Weight:	46 lbs. (21 kg) (Weight with batteries and shore power)

The PPV shall have a minimum five (5) year warranty. The battery and charger are warranted by DeWalt for three (3) years. See www.dewalt.com for details.

NFPA

FEMSA

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