

SUPER VAC AMCA-CERTIFIED PRODUCTS

V-MAX BATTERY PPVs



Super Vacuum Manufacturing Company, Inc. certifies that the positive pressure ventilators listed below are licensed to bear the AMCA (Air Movement and Control Association) Seal. The listed ratings are based on tests and procedures in accordance with AMCA Standard 240-22 and comply with the AMCA Certified Ratings Program.

Note: AMCA 240 was recently (2022) updated specifically to test battery powered PPV fans. This new test has a number of improvements including a constant power supply (since battery power drops over time), a smaller doorway (to match international standards), and a battery runtime (to assure accuracy). AMCA240-22 was a collaboration of PPV fan manufacturers (all were invited to participate), industry experts, and firefighters.



SPECIFICATIONS

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

Models	Weight with Batteries	Motor	Battery	High-Speed Output	High-Speed Runtime	MAX Output	MAX Runtime
VM16-BL-SP	49 lbs 22 kg	Variable-Speed DC	Milwaukee® M18 Forge 12.0Ah (2)	11,091 cfm 18,843 cmh	22 min	12,340 cfm 20,965 cmh	20 min

18" Blades - H x W x D: 25.50" x 26" x 12.25" - 650 mm x 660 mm x 315 mm

Models	Weight with Batteries	Motor	Battery	High-Speed Output	High-Speed Runtime	MAX Output	MAX Runtime
VM18-BK-SP	54 lbs 24 kg	Variable-Speed DC	Makita® XGT 8.0Ah (2)	11,117 cfm 18,887 cmh	32 min	13,001 cfm 22,088 cmh	22 min

20" Blades - H x W x D: 28.25" x 28.75" x 12.5" - 720 mm x 730 mm x 320 mm

Models	Weight with Batteries	Motor	Battery	High-Speed Output	High-Speed Runtime	MAX Output	MAX Runtime
VM20-BL-SP	60 lbs 27 kg	Variable-Speed DC	Milwaukee® M18 Forge 12.0Ah (2)	12,727 cfm 21,623 cmh	26 min	13,531 cfm 22,989 cmh	22 min

Setback for Output Rating: 15 ft. (4.6 m); Angle for Output Rating: 10°. Certification is for Installation Type A - Free Inlet, Free Outlet and does not include the use of accessories and their effects.



MORE ABOUT THESE BATTERY-POWERED PPVS

The Super Vac 16", 18" and 20" variable-speed battery fans deliver up to 40% more output on the "MAX" setting or 30% more airflow on standard high-speed operation. These fans are equipped with dual non-proprietary batteries, making these fans the most swappable PPV interface on the market. This patent-pending design offers 180 degrees of tilt, providing every attack angle, including positive and negative, as well as attic and manhole deployment, in a compact, lightweight aluminum frame.



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

