

V20-BH Variable-Speed Battery Fan

Never in firefighter history has one battery fan worked together with your department's other HURST EWXT battery-operated tools. Until now! Introducing the all-new Super Vac 20" variable-speed battery fan, which works with single or dual 5.0Ah and 9.0Ah batteries, making this rugged yet compact fan the market's most interchangeable PPV interface.

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 without lifting the fan; easy to deploy by any firefighter.
- 4 180-Degree Tilt:** Provides the largest tilt range among battery fans, allowing airflow to be directed virtually anywhere
- 5 Scratch-Resistant Stair Skid Plates:** Provides ease of movement in high-rise response.

Fan Features

- 6 Hot Swappable HURST EWXT Batteries:** Provides up to 60 minutes of max airflow (or 30 minutes per battery), depending on battery selection
- 7 Polymer Blade:** Minimizes weight; Super Vac's single-piece cast aluminum blade is available by request
- 8 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

20" Blade - H x W x D: 28.25" x 29" x 12.5" - 720mm x 730mm x 320mm

Model	Weight With Batteries + Shore Power	Motor	Setback For Output Rating	Angle For Output Rating	AMCA Output
V20-BH	63 lbs 29 kg	Totally Enclosed Variable-Speed DC	15 ft 4.6m	10°	12,550 cfm 21,320 cmh



Battery Compatibility

Battery Compatibility*	Run Time** At Max Airflow
HURST EWXT 5.0Ah (2) (Compatible with the eDRAULIC® Watertight Extrication Tool (EWXT) line)	30 minutes (with built-in battery gauge)

Battery Compatibility*	Run Time** At Max Airflow
HURST EWXT 9.0Ah (2) (Compatible with the eDRAULIC® Watertight Extrication Tool (EWXT) line)	60 minutes (with built-in battery gauge)

*Batteries sold separately through authorized HURST Jaws of Life dealers.

** Up to 60 minutes run time, depending on battery selection. 120-240V AC operation is standard with delete (optional).

POSITIVE PRESSURE VENTILATOR

A Super Vac, part number V20-BH, 20" 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 20" 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 the HURST EWXT battery system that is available through your nearest authorized HURST dealer. Blowers using battery systems that are not compatible with other life-saving equipment shall not be accepted.

A dual 9.0Ah battery system shall enable the ventilator to operate for up to 60 minutes on a single charge delivering a maximum amount of airflow; the dual 5.0Ah battery system shall operate for up to 30 minutes. While the EWXT is IP68 rated and capable of running rescue products underwater, it is not possible to run a fan underwater due to the density difference between water and air. That said, the V20-BH fan is IP66 rated for protection against exposure to water, but not against immersion.

The shroud and the safety grill shall be designed to provide maximum air velocity while still allowing 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 air movement shall meet 12,550 cubic feet per minute, according to the AMCA 240 test.

The positive pressure ventilator shall be designed with the following:

Motor:	Totally Enclosed Variable-Speed DC
Power:	1HP
Speed:	2,050 rpm
Airflow:*	12,550 cfm (21,320 cmh)
Dimensions:	28.25" x 29" x 12.5" (720mm x 730mm x 320mm)
Weight:	63 lbs. (29 kg) (Weight with shore power and 2x 9.0Ah EWXT batteries)

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

*Testing for AMCA certified airflow will soon be completed.

