

SUPERVAC



THE VENTILATION SPECIALISTS

supervac.com

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V-MAX

Battery PPVs

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Chainsaw Conversion Kit

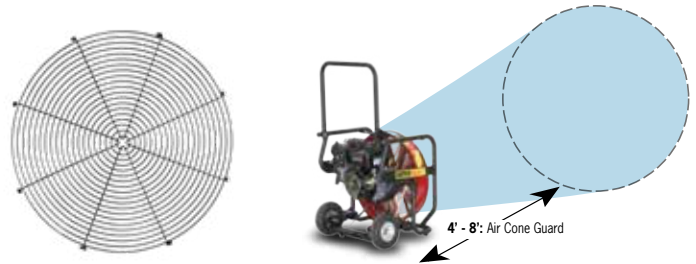
Large-Scale PPVs

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Super Vac's Air Cone Guard

The Air Cone Guard produces an air stream with a wider pattern, which creates pressure evenly across the fan's venturi. This pattern is useful for different ventilation scenarios, including open floorplans and large commercial structures, or when there is less room in front of doors, like stoops and small front porches.

Standard on all 7 Series PPVs + Smoke Ejectors



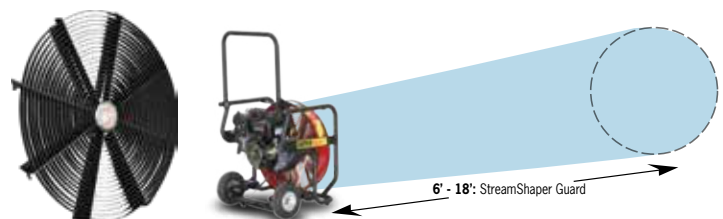
Advantages of the Air Cone Guard

- ↻ Closer setup:
Setback distance approximately 8'
- ↻ Perfect for:
High-flow situations
Small front porches
Stoops
Urban residential areas with numerous steps that limit space
Narrow walkways in hotels, apartment complexes, etc.
Hallways in hospitals, office buildings, etc.
Rear entrances with decks
- ↻ Slightly less expensive and less weight
- ↻ Great for use in V-Attack
- ↻ Super Vac quality, backed with a 5-year warranty

StreamShaper Guard

The StreamShaper Guard has a narrower air stream, which creates more pressure in front of the fan shroud, ideal for departments that need a precise airflow, usually in high-rise buildings and floorplans with numerous small rooms. This guard can be set farther from the building entrance, leaving more room for personnel to enter and exit the building.

Standard on all Valor Series PPVs



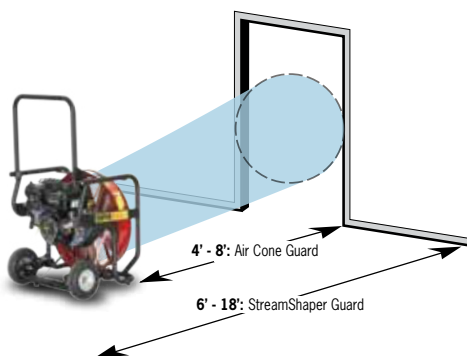
Advantages of the StreamShaper Guard

- ↻ Farther setup:
Setback distance up to 18'
- ↻ Perfect for:
High-pressure situations
High-rise buildings
Homes with multiple small rooms
Buildings with fewer entrance steps
- ↻ More room for operations at entrances
- ↻ Creates less noise
- ↻ Provides slightly higher airflow
- ↻ Great for use in V-Attack
- ↻ Super Vac quality, backed with a 5-year warranty

FAN PLACEMENT INSTRUCTIONS

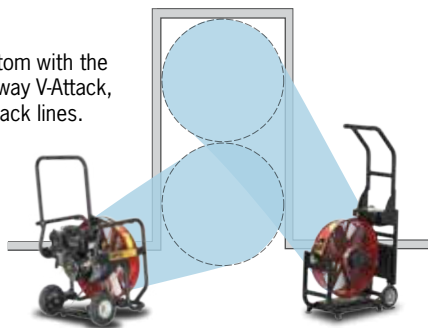
Single-Fan Attack

The Air Cone Guard should be set back 4-8' from the door, while the StreamShaper Guard should be 6-18'. To keep ingress/egress routes clear during positive pressure operations, do not locate the fan directly in the doorway. Avoid standing in the doorway as it blocks airflow.



Doorway V-Attack

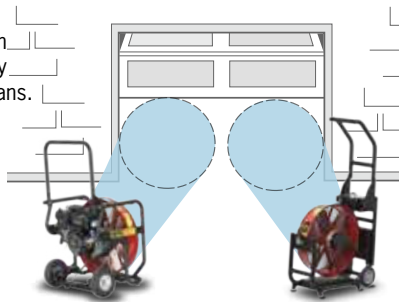
The door is sealed top to bottom with the units at 45° angles in a doorway V-Attack, leaving a straight shot for attack lines.



Older fan methods, like a Series Attack, aren't as effective as parallel methods.

Garage Door V-Attack

When using a garage door, open it part way and seal the doorway with the cones of air from two fans.

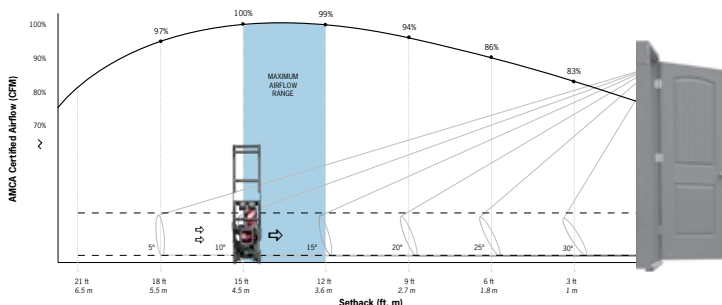


Do not block the air supply by standing behind the fan.

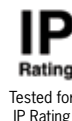
Fan Setback

The below diagram demonstrates how different setbacks can effect entrained airflow using a StreamShaper guard. If space is limited due to porch or hallway, the airflow is still 85 - 95% effective.

Certified airflows at various setback distances.



THIRD-PARTY TESTED AND CERTIFIED PPVs



At Super Vac, we understand that selecting equipment for your department is not always an easy decision. Choosing the right manufacturer can be even more challenging. That is why we are committed to providing certified, third-party validated data—so you can make informed decisions based on unbiased, reliable information.

Airflow performance in ventilation fans can be difficult to measure accurately. Air Movement and Control Association (AMCA) was originally established to measure airflow in buildings for consistent heating and cooling performance. In the 1990s, AMCA expanded its standards to include Positive Pressure Ventilators (PPV) and, in 2022, introduced refined testing methods specifically for battery-powered fans.

Similarly, Deutsches Institut für Normung (DIN) began defining airflow standards for PPV fans in 2020, also incorporating battery runtime and fan size into its testing criteria.

Additional certifications further ensure product reliability and safety:

- IP (Ingress Protection) ratings measure resistance to dust and water intrusion into sensitive components.
- EMI (Electromagnetic Interference) testing ensures equipment does not interfere with critical communication systems.
- CE (Conformité Européenne) certification confirms compliance with European safety, health, and environmental regulations.

All of these standards require specialized testing equipment and expertise. With Super Vac, you can be confident that the products you purchase meet some of the most stringent requirements in the industry.



For over 50 years, Super Vac has supported the organizations that help define the fire service industry. We are proud, active members of both the National Fire Protection Association (NFPA) and the Fire Equipment Manufacturers and Services Association (FEMSA).

These organizations are dedicated to advancing safety, performance, and quality within the fire service. Our commitment to their standards ensures that we consistently deliver equipment you can rely on in the most demanding environments.

Extension Cord Use

SUPER VAC		STARTING WATTAGE REQUIRED	MAXIMUM CABLE EXTENSION LENGTHS							
HP	QTY		Meters	25	50	75	100	150	200	350
			Feet	50	100	150	200	250	300	350
1/3*	1	2000	14 GA							
			12 GA							
			10 GA							
1/2*	1	2000	14 GA							
			12 GA							
			10 GA							
	2	4000	10 GA							
			8 GA							
	3	6000	10 GA							
			8 GA							
			6 GA							
1*	1	4000	12 GA							
			10 GA							
			8 GA							
	2	8000	10 GA							
			8 GA							
			6 GA							
1 1/2	1	6000	10 GA							
			8 GA							
			6 GA							
	2	12000	8 GA							
			6 GA							
			4 GA							

* For 220V fans, double the maximum length cable extensions.

Extension cords work in much the same way as a fire hose — the longer the cord, the less voltage at its workable end. In short, more pressure is required for 100 gpm at the end of a 400 foot 1-1/2" hose than for 100 gpm at the end of a 50 foot 1 1/2" hose. To overcome this, use extension cords with heavier wires, which conduct more electricity and result in lower voltage drop. Note: An undersized cord can cut the fan's performance below motor nameplate specifications, and if the cord is not completely unrolled, the unrolled portion produces a counter EMF (electromotive force), which in effect reduces the cord's current carrying ability.

WARNING: Never exceed cable extension lengths or use reeled or coiled cable. Always use required wire gauge and ensure the power supply can handle wattage requirements. If the cord size/length are nearing recommend limits (left), pull the entire length of cord off the reel or replace with a larger cord.

WITH ONE PUSH

WE'RE REVOLUTIONIZING BATTERY FANS. AGAIN.



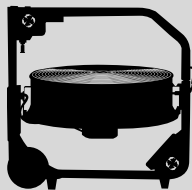
- ✓ Delivers like-gas fan airflows
- ✓ 40% more airflow on new V-MAX setting
- ✓ 30% more airflow on standard high-speed operation
- ✓ AMCA 240-22 verified airflows
- ✓ IP, CE, EMI, AMCA and DIN third-party certifications
- ✓ Works with DeWalt, Makita, Milwaukee, HURST and STIHL
- ✓ All in the same dimension
- ✓ Plus, new look, new colors, new graphics!



SAME GREAT DESIGN. IN BOTH VALOR FANS!

180° OF SEPARATION

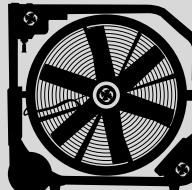
We have all the angles of attack covered — and then some. You won't find another battery fan that offers ultimate maneuverability, plus 180 degrees of tilt, like the Super Vac battery fan.



For attic attacks



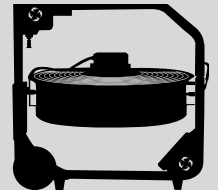
For positive tilt attacks



Storage angle



For negative tilt attacks



For manhole attacks

MEET OUR ALL-NEW MAXED-OUT VALOR, THE NEXT EVOLUTION IN BATTERY FANS.

Super Vac was the first to bring you a battery fan that operates on easy-to-source non-proprietary batteries. And NOW, we're revolutionizing the fire industry again — this time with the all-new V-MAX Valor fan that delivers airflows that are virtually equivalent to gas-powered fans. The V-MAX is EMI compliant, IP rated and CE, DIN and AMCA 240-22 certified, meaning the only "smoke" that this third-party proven fan will blow is the real kind.

Compare the V-MAX Valor to the legacy Valor (still available!)

NEW Valor MAX (V-MAX)



New MAX button for MAX airflows!

With one push, you can max out airflow, up to 13,500 cfm, depending on model. This setting slightly diminishes runtime but provides maximum output for quick jobs.

AMCA and DIN certified airflows,

With airflows comparable to most gas fans, get 40% more airflow on MAX setting (or 30% more output on standard-high speed operation) than other battery fans.

Same great fan design, including dimensions

The V-MAX is not available in a 16" saddlebag design, but unlike the legacy Valor, this fan is available in the new STIHL platform.

Valor



The same fan that you've come to trust.

Both the Valor and V-MAX feature the same compact, ergonomic design, except ONLY the Valor is available in the 16" saddlebag design!

Competitive AMCA-certified airflows

Also AMCA certified! All outputs of the Valor legacy fan were tested to the AMCA 240-22 standard.

Runs off your favorite battery platforms

With the exception of STIHL, only available on the V-MAX. The Milwaukee M28 is only available in the legacy Valor.



THIRD-PARTY PROVEN BECAUSE WE CARE ...



AMCA 240-22 Certified Airflows

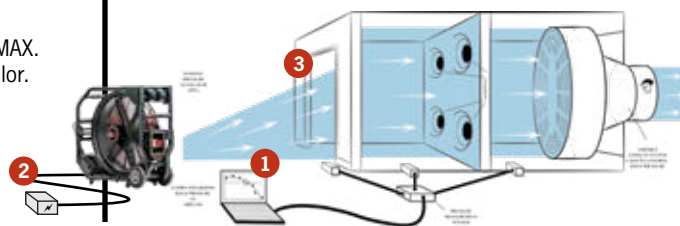
In the fire industry, when it comes to proper ventilation, we care about the amount of air we move. Volume. Airflow. Output. CFM. CMH. Whatever you call it, we want to give you the best data to help you determine if the fan you're purchasing will provide you with the results you need. More importantly, we don't make up our numbers. We third-party validate our airflows because it matters.

The listed battery fan ratings in this catalog are based on tests and procedures in accordance with AMCA Standard 240-22. All other outputs in the battery fan charts are based on results from comparable AMCA 240-22 testing procedures.

The AMCA 240 standard was revised in 2022 to specifically test battery-powered PPV fans and was created in collaboration with industry experts, select firefighters and PPV manufacturers. And yet, most brands still have not certified their fans to this new standard. The result — many competitor charts and AMCA outputs are inflated because of old data, unmonitored runtimes and hot-rodded fans. So if you want a true comparison, ask to see 240-22 airflows.

The new test reflects the following variables:

- 1 Documentation of battery runtimes (to assure accuracy)
- 2 Constant power supply (since battery power drops over time)
- 3 A smaller doorway (to match international standards)

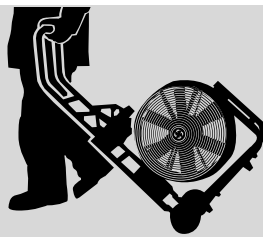


Learn more about the AMCA Standard 240 Test supervac.com/amca-certified-fans



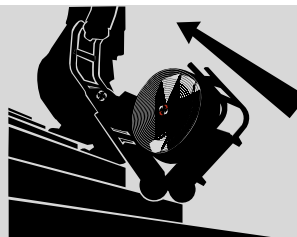
Roll-Cage Aluminum Frame:

Features one of the most compact, lightweight PPV designs with curved handle that folds into frame



Curved Handle:

One of the most maneuverable fans, the Valor's curved design extends to provide higher grip and better ergonomics



Flat-Proof Rubber Tires with Stair Skid Plates:

Creates a highly maneuverable fan designed that can be pulled over rugged terrain

**5-YEAR
WARRANTY**

3-YEAR WARRANTY
ON MOTOR/BATTERIES



So durable, we threw
the Valor off a building!

bit.ly/torture-test-video

OUR SUPER BATTERY PPVs ... WORK WITH THESE NON-PROPRIETARY BATTERY PLATFORMS

DEWALT®

9.0Ah, 12.0Ah or 15.0Ah FLEXVOLT® batteries



MAKITA®

4.0Ah, 5.0Ah or 8.0Ah XGT™ batteries



MILWAUKEE®

M18 XC 8.0Ah or HD 12.0Ah FORGE batteries



STIHL®

AP 300S and AP 500S Lithium-ion batteries



STEP 1 Select your Fan Model.

V-MAX SPECIFICATIONS

16"

Fan Models

Battery Options		Weight without Batteries	HxWxD Dimensions	Motor	AMCA-Certified High-Speed Output*	AMCA-Certified MAX Output*
VM16-XX-SP (Insert Battery Option Model# into XX)	BD = DeWalt FLEXVOLT Ready BK = Makita XGT Ready BL = Milwaukee FORGE M18 Ready	51 lbs 23 kg	24.25" x 23.75" x 12.25" 615 x 605 x 310 mm	Brushless Variable-Speed DC with Standard 120-240V AC, 50/60Hz	11,091 cfm 18,843 cmh	12,340 cfm 20,965 cmh
VM16-BT-SP	BT = STIHL AP Ready		25.25" x 24.5" x 12.25" 640 x 620 x 310 mm			

18"

Fan Models

Battery Options		Weight without Batteries	HxWxD Dimensions	Motor	AMCA-Certified High-Speed Output*	AMCA-Certified MAX Output*
VM18-XX-SP (Insert Battery Option Model# into XX)	BD = DeWalt FLEXVOLT Ready BK = Makita XGT Ready BL = Milwaukee FORGE M18 Ready	54 lbs 24 kg	25.50" x 26" x 12.25" 650 x 660 x 310 mm	Brushless Variable-Speed DC with Standard 120-240V AC, 50/60Hz	11,117 cfm 18,887 cmh	13,001 cfm 22,088 cmh
VM18-BT-SP	BT = STIHL AP Ready		26.75" x 26.75" x 12.25" 680 x 680 x 310 mm			

20"

Fan Models

Battery Options		Weight without Batteries	HxWxD Dimensions	Motor	AMCA-Certified High-Speed Output*	AMCA-Certified MAX Output*
VM20-XX-SP (Insert Battery Option Model# into XX)	BD = DeWalt FLEXVOLT Ready BK = Makita XGT Ready BL = Milwaukee FORGE M18 Ready	60 lbs 27 kg	28.25" x 28.75" x 12.5" 720 x 730 x 315 mm	Brushless Variable-Speed DC with Standard 120-240V AC, 50/60Hz	12,727 cfm 21,623 cmh	13,531 cfm 22,989 cmh
VM20-BT-SP	BT = STIHL AP Ready		29" x 29.5" x 12.5" 735 x 750 x 315 mm			

STEP 2 Choose your Battery/Charger Package.

Battery Packages/Chargers

Package	BD09-M2	BD12-M2	BD15-M2	BK04-M2	BK05-M2	BK08-M2	BL08-M2	BL12-M2	BT***	BT***
Battery/Charger Package**	DeWalt FLEXVOLT 9Ah+2AC Chargers	DeWalt FLEXVOLT 12Ah+2AC Chargers	DeWalt FLEXVOLT 15Ah+2AC Chargers	Makita XGT 4Ah +1 Dual Charger	Makita XGT 5Ah +1 Dual Charger	Makita XGT 8Ah +1 Dual Charger	Milwaukee M18 FORGE 8Ah+1 Dual Super Charger	Milwaukee M18 FORGE 12Ah+1 Dual Super Charger	STIHL® AP 300S Ready	STIHL® AP 500S Ready
High-Speed Runtime	18 min	24 min	30 min	16 min	20 min	32 min	18 min	26 min	30 min	31 min
MAX Runtime	12 min	16 min	20 min	10 min	13 min	22 min	15 min	22 min	25 min	26 min
Rehab Runtime	6+ hours	8+ hours	10+ hours	5+ hours	7+ hours	11+ hours	5+ hours	8+ hours	11+ hours	12+ hours

* Specification Disclaimers

The listed ratings are based on tests and procedures in accordance with AMCA Standard 240-22. The AMCA 240 Standard was revised in 2022 specifically to test battery-powered PPV fans and was created in collaboration with industry experts, select firefighters and PPV manufacturers. The new test reflects improved variables, including documentation of battery runtimes (to assure accuracy), constant power supply (since battery power drops over time) and a smaller doorway (to match international standards). These variables deliver more accurate, yet lower airflows compared to identical fans tested to the AMCA 240-16 standard.

Results may vary depending on environmental conditions including temperature, elevation, barometric pressure, humidity and battery condition. Runtime tests were performed using new batteries, at our factory in Colorado at 5,000 feet (1500 meters), temperature 60° - 72° F (16-22° C), humidity 15-35%, pressure 1000-1030 mb.

** Battery Platform Disclaimers

Use only batteries' proprietary charging equipment to charge batteries. 120-240V AC operation is standard (with optional delete). AC (shore power) needed to run the fan = 1 kW. Delete -SP from model to remove standard shore power.

Batteries required in pairs, except Makita and STIHL.

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***STIHL®-BT models, batteries and chargers are sold exclusively through STIHL dealer network. STIHL® AP 300S and AP 500S Lithium-Ion batteries are trademarks of STIHL. Used under license.

VALOR SPECIFICATIONS

The 16" Valor is available in two frame designs >

Add -WH to model to upgrade from the Saddlebag design to the Wheel/Handle design. Note: Add ~8 lbs. (4 kg) to -WH models; -WH models are 24.25" x 23.75" x 12.25".



DEWALT FLEXVOLT BATTERY PLATFORM

Models	Size	Weight without Batteries	HxWxD Dimensions	Motor	Runtime at Max Airflow	Setback for Output Rating	Angle for Output Rating	AMCA 240-22 Certified Output
V16-BD-SP	16"	45 lbs 20 kg	22.7" x 23" x 12" 580 x 585 x 305 mm	Variable-Speed DC with 120-240V AC	9.0Ah (2) - 40 minutes 12.0Ah (2) - 53 minutes 15.0Ah (2) - 66 minutes	15 ft 4.6 m	10°	8,127 cfm* 13,808 cmh
V18-BD-SP	18"	58 lbs 26 kg	22.50" x 26" x 12.25" 650 x 660 x 315 mm	Variable-Speed DC with 120-240V AC	9.0Ah (2) - 35 minutes 12.0Ah (2) - 56 minutes 15.0Ah (2) - 69 minutes	15 ft 4.6 m	10°	8,489 cfm* 14,423 cmh
V20-BD-SP	20"	63 lbs 29 kg	28.25" x 28.75" x 12.5" 720 x 730 x 320 mm	Variable-Speed DC with 120-240V AC	9.0Ah (2) - 35 minutes 12.0Ah (2) - 46 minutes 15.0Ah (2) - 58 minutes	15 ft 4.6 m	10°	9,456 cfm* 16,066 cmh



MAKITA XGT BATTERY PLATFORM

Models	Size	Weight without Batteries	HxWxD Dimensions	Motor	Runtime at Max Airflow	Setback For Output Rating	Angle For Output Rating	AMCA 240-22 Certified Output
V16-BK-SP	16"	46 lbs 21 kg	22.75" x 23" x 12" 580 x 585 x 305 mm	Variable-Speed DC with 120-240V AC	4.0Ah (2) - 32 minutes 5.0Ah (2) - 39 minutes 8.0Ah (2) - 62 minutes***	15 ft 4.6 m	10°	7,921 cfm 13,458 cmh
V18-BK-SP	18"	56 lbs 25 kg	22.50" x 26" x 12.25" 650 x 660 x 315 mm	Variable-Speed DC with 120-240V AC	4.0Ah (2) - 36 minutes 5.0Ah (2) - 45 minutes 8.0Ah (2) - 66 minutes	15 ft 4.6 m	10°	8,456 cfm 14,382 cmh
V20-BK-SP	20"	61 lbs 28 kg	28.25" x 28.75" x 12.5" 720 x 730 x 320 mm	Variable-Speed DC with 120-240V AC	4.0Ah (2) - 35 minutes 5.0Ah (2) - 45 minutes 8.0Ah (2) - 70 minutes	15 ft 4.6 m	10°	9,773 cfm 16,604 cmh



MILWAUKEE M18 FORGE BATTERY PLATFORM

Models	Size	Weight without Batteries	HxWxD Dimensions	Motor	Runtime at Max Airflow	Setback for Output Rating	Angle for Output Rating	AMCA 240-22 Certified Output
V16-BL-SP	16"	45 lbs 20 kg	22.75" x 23" x 12" 580 x 585 x 305 mm	Variable-Speed DC with 120-240V AC	XC 8.0Ah (2) - 31 minutes HD12.0Ah (2) - 46 minutes	15 ft 4.6 m	10°	7,721 cfm* 13,118 cmh
V18-BL-SP	18"	58 lbs 26 kg	22.50" x 26" x 12.25" 650 x 660 x 315 mm	Variable-Speed DC with 120-240V AC	XC 8.0Ah (2) - 36 minutes HD 12.0Ah (2) - 53 minutes	15 ft 4.6 m	10°	8,946 cfm* 15,200 cmh
V20-BL-SP	20"	62 lbs 28 kg	28.25" x 28.75" x 12.5" 720 x 730 x 320 mm	Variable-Speed DC with 120-240V AC	XC 8.0Ah (2) - 41 minutes XD 12.0Ah (2) - 67 minutes	15 ft 4.6 m	10°	9,867 cfm* 16,764 cmh



MILWAUKEE M28 BATTERY PLATFORM

Models	Size	Weight without Batteries	HxWxD Dimensions	Motor	Runtime at Max Airflow	Setback For Output Rating	Angle For Output Rating	AMCA 240-22 Certified Output
V16-BW-SP	16"	45 lbs 20 kg	22.75" x 23" x 12" 580 x 585 x 305 mm	Variable-Speed DC with Standard 120-240V AC	XC 3.0Ah (2) - 31 minutes XC 5.0Ah (2) - 52 minutes	15 ft 4.6 m	10°	8,127 cfm* 13,808 cmh
V18-BW-SP	18"	56 lbs 25 kg	22.50" x 26" x 12.25" 650 x 660 x 315 mm	Variable-Speed DC with Standard 120-240V AC	XC 3.0Ah (2) - 29 minutes XC 5.0Ah (2) - 47 minutes	15 ft 4.6 m	10°	8,416 cfm 14,299 cmh
V20-BW-SP	20"	61 lbs 28 kg	28.25" x 28.75" x 12.5" 720 x 730 x 320 mm	Variable-Speed DC with Standard 120-240V AC	XC 3.0Ah (2) - 26 minutes XC 5.0Ah (2) - 43 minutes	15 ft 4.6 m	10°	9,596 cfm 16,304 cmh

* Specification Disclaimers

The listed ratings are based on tests and procedures in accordance with AMCA Standard 240-22. The AMCA 240 Standard was revised in 2022 specifically to test battery-powered PPV fans and was created in collaboration with industry experts, select firefighters and PPV manufacturers. The new test reflects improved variables, including documentation of battery runtimes (to assure accuracy), constant power supply (since battery power drops over time) and a smaller doorway (to match international standards). These variables deliver more accurate, yet lower airflows compared to identical fans tested to the AMCA 240-16 standard.

Results may vary depending on environmental conditions including temperature, elevation, barometric pressure, humidity and battery condition. Runtime tests were performed using new batteries, at our factory in Colorado at 5,000 feet (1500 meters), temperature 60° - 72° F (16-22° C), humidity 15-35%, pressure 1000-1030 mb.

** Battery Platform Disclaimers

Use only batteries' proprietary charging equipment to charge batteries. 120-240V AC operation is standard (with optional delete). AC (shore power) needed to run the fan = 1 kW. Delete -SP from model to remove standard shore power.

DeWalt batteries required in pairs.

HURST -BH models, batteries and chargers are sold exclusively through the HURST dealer network. HURST®, EWXT™/E3™ and Jaws of Life® are trademarks of Hurst Jaws Of Life, Inc. Used under license.

Makita XGT 8.0Ah battery available for V16-BK-SP-WH model but not for V16-BK-SP.

For Milwaukee M28 batteries/chargers, please see your Genesis, TNT or Weber dealer.

ACCESSORIES

DeWalt, Milwaukee and Makita batteries and chargers also available.



Magnetic Mountain Mister

Attach a garden hose or auxiliary line from any apparatus to the Mountain Mister, then fix to the fan shroud using industrial magnets (MM-MAG), converting the fan into a rehab cooling unit. Only consumes 3 gallons or 11 liters of water per hour of water per hour!



*Available with Storz Adapter

Model	Pairs With
MM-MAG	Battery PPVs or any PPVs with StreamShaper Guards (secures to garden hose)
MM-MAG-ST	Battery PPVs or any PPVs with StreamShaper Guards and Storz Adapter



Door Bar / Hanger

The Super Vac Hanger allows crews to hang a smoke ejector or battery fan from virtually anywhere — from ladders and in doorways, windows, basements, archways and more. Used in conjunction with the Door Bar, these two accessories permit fan placement at any height. The Door Bar features a pull trigger for quick release.

Model	Pairs With	
HR	Battery PPVs / Smoke Ejectors	
Model	Weight	Usable Range
DOOR BAR	13 lbs 6 kg	26"- 60" with extensions

A single Extension Bar is standard. Additional bars can be purchased separately.



Truck / Running Board Mount

These mounts allow crews to secure a Super Vac 16", 18" or 20" battery fan inside a compartment for secure transportation.

Model	Pairs With Valor
TM16	16" Valor Battery PPVs
TM16-WH	16" -WH Valor Battery PPVs
TM18	18" Valor Battery PPVs
TM20	20" Valor Battery PPVs

Model	Pairs with Valor V-MAX
TM16M	16" V-MAX Battery PPVs
TM18M	18" V-MAX Battery PPVs
TM20M	20" V-MAX Battery PPVs



Carry Strap

Carry Super Vac's 16", 18" or 20" battery fan with this 2-inch vinyl strap, featuring shoulder pad and adjustable length for different carrying styles.

Model	Pairs With
BDSS	16", 18" and 20" Battery PPVs

Spiral Ducts

Super Vac's Spiral Ducts are ideal for moving large quantities of air into hard-to-reach places and come with a built-in storage/ carry bag for easy transportation. Hot-melt wear strips cover the helix for added durability up to 250° F / 121° C.

Model	Diameter	Length
16x20BC1 (16" Fans)	16" 406 mm	20' 6.1 m
20x20BC1 (18" and 20" Fans)	20" 508 mm	20' 6.1 m

High-Expansion Foam Adapter

This foam adapter attaches easily to any Super Vac battery fan, as well as Super Vac PPVs (from 16"-30") and Smoke Ejectors (from 16"-24") and is capable of producing foam up to an expansion rate of 1000:1 for tough extinguishments, including oil and mining operations, ship-hold areas and flammable liquid scenes.

Model	Pairs With
HXG-PPV	Battery PPVs and 16"-30" PPVs

Includes: Black metal shroud, Apex Mills TP21 foam expansion netting, a 30 GPM in-line educator, 1" Bypass Educator. Use High-Expansion Foam (sold separately). Please specify fan model when ordering.

For Smoke Ejector model details, see Page 12-14.



**5-YEAR
WARRANTY**

VALOR Aluminum Frame

- ❶ **Full Roll-Cage Aluminum Frame:** Features a tough, tubular aluminum frame; delivers a lightweight design (15% lighter than steel frames)
- ❷ **7-Position Tilt Frame with Step Pad:** Easy to position, provides 18°, 12°, 6°, 0°, -6°, -12° and -18° angles; allows for fan placement on stairs
- ❸ **Fold-Down Ergonomic Handle:** Folds down into frame for compact storage; features full-width handle for easy grip with heavy-duty gloves
- ❹ **Flat-Proof Rubber Tires:** Eliminates flat tires; rolls up stairs and curbs easily
- ❺ **Single-Piece Cast Aluminum Blade:** Holds up better than plastic in high heat
- ❻ **Precision-Spun Steel Shroud:** Provides durability with maximum airflow
- ❼ **StreamShaper Guard:** Standard guard, designed for farther setback; Air Cone Guard available by request
- ❽ **AMCA-Certified Airflow:** Super Vac is proud to enlist AMCA (the Air Movement and Control Association) as an independent organization to conduct third-party performance tests

STANDARD MOTOR

Model	Size	Weight	HxWxD Dimensions	Motor	RPM	Start	Run	Setback	Angle	Output
V18-ES	18"	80 lbs 36.5 kg	23.5" x 22" x 21" 600 x 560 x 535 mm	WEG, single speed, 1HP, 50/60Hz, 115/230V AC	2,800	4,000 w 15-amp circuit	1,500 w	9 ft 2.7 m	13°	6,378 cfm 10,836 cmh
V20-ES	20"	82 lbs 37 kg	26.5" x 25" x 21.5" 675 x 635 x 550 mm	WEG, single speed, 1 HP, 50/60Hz, 115/230V AC	2,800	4,000 w 15-amp circuit	1,500 w	9 ft 2.7 m	10°	9,007 cfm 15,302 cmh

UL-LISTED EXPLOSION-PROOF MOTOR

Model	Size	Weight	HxWxD Dimensions	Motor	RPM	Start	Run	Setback	Angle	Output
V18-EX	18"	90 lbs 41 kg	23.5" x 22" x 21" 600 x 560 x 535 mm	WEG, single speed – rated for Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC	1,783	4,000 w 15-amp circuit	1,500 w	9 ft 2.7 m	13°	6,378 cfm 10,836 cmh
V20-EX	20"	92 lbs 42 kg	26.5" x 25" x 21.5" 675 x 635 x 550 mm	WEG, single speed – rated for Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC	1,758	4,000 w 15-amp circuit	1,500 w	9 ft 2.7 m	10°	9,007 cfm 15,302 cmh

ATEX-CERTIFIED MOTOR

Model	Size	Weight	HxWxD Dimensions	Motor	RPM	Start	Run	Setback	Angle	Output
V18-EA	18"	99 lbs 45 kg	23.5" x 22" x 21" 600 x 560 x 535 mm	ATEX, single speed, 2.2kw, 50Hz, 220V AC	2,800	4,000 w 15-amp circuit	2,200 w	9 ft 2.7 m	11°	10,205 cfm 17,338 cmh
V20-EA	20"	101 lbs 46 kg	26.5" x 25" x 21.5" 675 x 635 x 550 mm	ATEX, single speed, 2.2kw, 50Hz, 220V AC	2,800	4,000 w 15-amp circuit	2,200 w	9 ft 2.7 m	11°	14,411 cfm 24,484 cmh

VARIABLE-SPEED MOTOR

Model	Size	Weight	HxWxD Dimensions	Motor	RPM	Start	Run	Setback	Angle	Output
V18-EV	18"	84 lbs 38 kg	23.5" x 22" x 21" 600 x 560 x 535 mm	RAE, TEAO variable speed, 1.5 HP, 50/60Hz, 115/230V AC	2,400	2,000 w 15-amp circuit	1,500 w	9 ft 2.7 m	11.5°	8,747 cfm 14,861 cmh
V20-EV	20"	86 lbs 39 kg	26.5" x 25" x 21.5" 675 x 635 x 550 mm	RAE, TEAO variable speed, 1.5 HP 50/60Hz, 115/230V AC	2,400	2,000 w 15-amp circuit	1,500 w	9 ft 2.7 m	11°	12,352 cfm 20,986 cmh



**5-YEAR
WARRANTY**



7 SERIES Steel Frame



- ① **Full Roll-Cage Frame:** Super Vac's long-trusted steel design; protects key components
- ② **4-Position Tilt Frame with Lever:** Provides -10°, 0°, 10°, 20°
- ③ **Fold-Down Ergonomic Handle:** Folds down compact storage; features full-width handle
- ④ **Flat-Proof Rubber Tires:** Eliminates flat tires; rolls up stairs/curbs easily
- ⑤ **Single-Piece Cast Aluminum Blade:** Holds up better than plastic in high heat
- ⑥ **Air Cone Guard:** Classic design for maximum airflow; StreamShaper Guard optional
- ⑦ **Optional Reflective Chevron Decal:** Available in NFPA 1901 red/yellow and red/white

STANDARD MOTOR

Model	Size	Weight	HxWxD Dimensions	Motor	RPM	Start	Run	Setback	Angle	Output
716-E2	16"	68 lbs 31 kg	20" x 20.5" x 16" 510 x 520 x 410 mm	WEG, single speed, 1HP, 50/60Hz, 115/230V AC	1,750	4,000 w 15-amp circuit	1,000 w	6 ft 1.8 m	18°	5,890 cfm 10,007 cmh
718-E2	18"	82 lbs 37 kg	22" x 23.5" x 19.5" 560 x 600 x 500 mm	WEG, single speed, 1HP, 50/60Hz, 115/230V AC	1,750	4,000 w 15-amp circuit	1,000 w	6 ft 1.8 m	18°	6,378 cfm 10,836 cmh
720-E2	20"	88 lbs 40 kg	25.5" x 26" x 19.5" 650 x 660 x 500 mm	WEG, single speed, 1HP, 50/60Hz, 115/230V AC	1,750	4,000 w 15-amp circuit	1,000 w	6 ft 1.8 m	18°	9,007 cfm 15,302 cmh
724-E2	24"	104 lbs 47.5 kg	28" x 29.5" x 21" 710 x 750 x 535 mm	WEG, single speed, 1HP, 50/60Hz, 115/230V AC	1,750	4,000 w 15-amp circuit	1,000 w	6 ft 1.8 m	18°	13,320 cfm 22,630 cmh

UL-LISTED EXPLOSION-PROOF MOTOR

Model	Size	Weight	HxWxD Dimensions	Motor	RPM	Start	Run	Setback	Angle	Output
716-EXP	16"	78 lbs 35.5 kg	20" x 20.5" x 16" 510 x 520 x 410 mm	WEG, single speed – rated for Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC	1,750	4,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	5,890 cfm 10,007 cmh
718-EXP	18"	92 lbs 42 kg	22" x 23.5" x 19.5" 560 x 600 x 500 mm	WEG, single speed – rated for Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC	1,750	4,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	6,378 cfm 10,836 cmh
720-EXP	20"	98 lbs 45 kg	25.5" x 26" x 19.5" 650 x 660 x 500 mm	WEG, single speed – rated for Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC	1,750	4,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	9,007 cfm 15,302 cmh
724-EXP	24"	114 lbs 52 kg	28" x 29.5" x 21" 710 x 750 x 535 mm	WEG, single speed – rated for Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC	1,750	4,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	13,320 cfm 22,630 cmh

ATEX-CERTIFIED MOTOR

Model	Size	Weight	HxWxD Dimensions	Motor	RPM	Start	Run	Setback	Angle	Output
716-EA	16"	87 lbs 40 kg	20" x 20.5" x 16" 510 x 520 x 410 mm	ATEX, single speed, 2.2kw, 50Hz, 220V AC	2,800	4,000 w 15-amp circuit	2,200 w	6 ft 1.8 m	18°	9,424 cfm 16,011 cmh
718-EA	18"	101 lbs 45 kg	22" x 23.5" x 19.5" 560 x 600 x 500 mm	ATEX, single speed, 2.2kw, 50Hz, 220V AC	2,800	4,000 w 15-amp circuit	2,200 w	6 ft 1.8 m	18°	10,205 cfm 17,338 cmh
720-EA	20"	109 lbs 49 kg	25.5" x 26" x 19.5" 650 x 660 x 500 mm	ATEX, single speed, 2.2kw, 50Hz, 220V AC	2,800	4,000 w 15-amp circuit	2,200 w	6 ft 1.8 m	18°	14,411 cfm 24,484 cmh
724-EA	24"	123 lbs 56 kg	28" x 29.5" x 21" 710 x 750 x 535 mm	ATEX, single speed, 2.2kw, 50Hz, 220V AC	2,800	4,000 w 15-amp circuit	2,200 w	6 ft 1.8 m	18°	21,312 cfm 36,210 cmh

VARIABLE-SPEED MOTOR

Model	Size	Weight	HxWxD Dimensions	Motor	RPM	Start	Run	Setback	Angle	Output
716-EVS	16"	72 lbs 33 kg	20" x 20.5" x 16" 510 x 520 x 410 mm	RAE, TEAO, variable speed, 1.5 HP, 50/60Hz, 115/230V AC	2,400	2,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	8,078 cfm 13,724 cmh
718-EVS	18"	86 lbs 39 kg	22" x 23.5" x 19.5" 560 x 600 x 500 mm	RAE, TEAO, variable speed, 1.5 HP, 50/60Hz, 115/230V AC	2,400	2,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	8,747 cfm 14,861 cmh
720-EVS	20"	92 lbs 42 kg	25.5" x 26" x 19.5" 650 x 660 x 500 mm	RAE, TEAO, variable speed, 1.5 HP, 50/60Hz, 115/230V AC	2,400	2,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	12,352 cfm 20,986 cmh
724-EVS	24"	108 lbs 49 kg	28" x 29.5" x 21" 710 x 750 x 535 mm	RAE, TEAO, variable speed, 1.5 HP, 50/60Hz, 115/230V AC	2,400	2,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	18,267 cfm 31,036 cmh

GAS PPVs

These gas-powered positive pressure fans **pack lots of airflow in two designs.** Super Vac's Valor aluminum



**5-YEAR
WARRANTY**

VALOR Aluminum Frame

- ❶ **Full Roll-Cage Aluminum Frame:** Features a tough, tubular aluminum frame; delivers a lightweight design (15% lighter than steel frames)
- ❷ **7-Position Tilt Frame with Step Pad:** Easy to position, provides 18°, 12°, 6°, 0°, -6°, -12° and -18° angles; allows for fan placement on stairs
- ❸ **Fold-Down Ergonomic Handle:** Folds down into frame for compact storage; features full-width handle for easy grip with heavy-duty gloves
- ❹ **Flat-Proof Rubber Tires:** Eliminates flat tires; rolls up stairs and curbs easily
- ❺ **Single-Piece Cast Aluminum Blade:** Holds up better than plastic in high heat
- ❻ **Precision-Spun Steel Shroud:** Provides durability with maximum airflow
- ❼ **StreamShaper Guard:** Standard guard, designed for farther setback; Air Cone Guard available by request
- ❽ **AMCA-Certified Airflow:** Super Vac is proud to enlist AMCA (the Air Movement and Control Association) as an independent organization to conduct third-party performance tests

HONDA ENGINE

Model	Size	Weight	HxWxD Dimensions	Engine	Displacement	RPM	Setback	Angle	Output
V18-GX	18"	84 lbs 38 kg	23.5" x 22" x 21" 600 x 560 x 535 mm	Honda GX200	196 cc	3,535	6 ft 1.8 m	14°	15,168 cfm 25,770 cmh
V20-GX	20"	86 lbs 39 kg	26.5" x 25" x 21.5" 675 x 635 x 550 mm	Honda GX200	196 cc	3,535	6 ft 1.8 m	14°	18,182 cfm 30,891 cmh

VANGUARD ENGINE BY BRIGGS & STRATTON

Model	Size	Weight	HxWxD Dimensions	Engine	Displacement	RPM	Setback	Angle	Output
V20-GB	20"	86 lbs 39 kg	26.5" x 25" x 21.5" 675 x 635 x 550 mm	Vanguard by Briggs & Stratton	205 cc	3,300	6 ft 1.8 m	12°	17,064 cfm 28,991 cmh



WATER TURBINE PPVs

These water turbine positive pressure fans **run without the use of gas or electricity.**

WT SERIES Steel Frame

- ❶ **4-Position Tilt Frame with Step Brake:** Provides -10°, 0°, 10°, 20°
- ❷ **Cast Aluminum Blade:** Holds up better than plastic in high heat
- ❸ **Air Cone Guard:** Provides max airflow; StreamShaper Guard optional



Watch water power
this turbine.
bit.ly/wt-turbine



design and its proven 7 Series steel frame design help push contaminated air from a structure as clean air enters the space.

**5-YEAR
WARRANTY**



7 SERIES Steel Frame

- 1 **Full Roll-Cage Frame:** Super Vac's long-trusted steel design; protects key components
- 2 **4-Position Tilt Frame with Lever:** Provides -10°, 0°, 10°, 20°
- 3 **Fold-Down Ergonomic Handle:** Folds down into frame for compact storage; features full-width handle for easy grip with heavy-duty gloves
- 4 **Flat-Proof Rubber Tires:** Eliminates flat tires; rolls up stairs/curbs easily
- 5 **Single-Piece Cast Aluminum Blade:** Holds up better than plastic in high heat
- 6 **Precision-Spun Steel Shroud:** Provides durability with max airflow
- 7 **Air Cone Guard:** Classic design for maximum airflow; StreamShaper Guard optional
- 8 **Optional Chevron Decal:** Improves visibility of fan by adding a reflective Chevron Decal, available in NFPA 1901 red/yellow and red/white
- 9 **Optional 10' Exhaust Extension and Heat Shield:** Removes emissions away from gas engine or PPV intake; shield slips over extension to prevent metal hose burns

HONDA ENGINE

Model	Size	Weight	HxWxD Dimensions	Engine	Displacement	RPM	Setback	Angle	Output
716G4-H	16"	74 lbs 34 kg	20" x 20.5" x 16" 510 x 520 x 410 mm	Honda GX120	118 cc	3,530	6 ft 1.8 m	18°	11,740 cfm 19,945 cmh
718G4-H	18"	86 lbs 39 kg	22" x 23.5" x 19.5" 560 x 600 x 500 mm	Honda GX200	196 cc	3,535	6 ft 1.8 m	18°	15,168 cfm 25,770 cmh
720G4-H	20"	96 lbs 44 kg	25.5" x 26" x 19.5" 650 x 660 x 500 mm	Honda GX200	196 cc	3,350	6 ft 1.8 m	18°	18,182 cfm 30,891 cmh
724G4-H	24"	134 lbs 61 kg	28" x 29.5" x 21" 710 x 750 x 535 mm	Honda GX270	270 cc	3,435	6 ft 1.8 m	18°	20,920 cfm 35,545 cmh
730G4-H	30"	163 lbs 74 kg	39" x 37" x 27.5" 990 x 940 x 700 mm	Honda GX390	389 cc	3,220	6 ft 1.8 m	10°	26,849 cfm 45,616 cmh

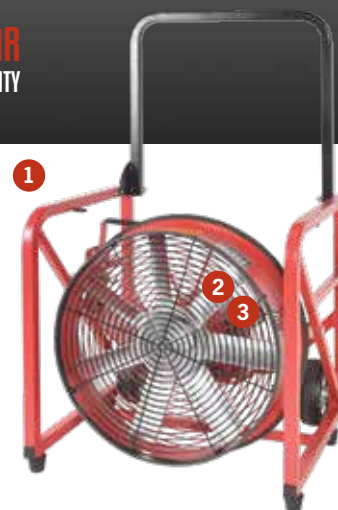
VANGUARD ENGINE BY BRIGGS & STRATTON

Model	Size	Weight	HxWxD Dimensions	Engine	Displacement	RPM	Setback	Angle	Output
716G4-B	16"	68 lbs 31 kg	20" x 20.5" x 16" 510 x 520 x 410 mm	Vanguard by Briggs & Stratton	127 cc	3,450	6 ft 1.8 m	18°	9,940 cfm 16,890 cmh
718G4-B	18"	84 lbs 38 kg	22" x 23.5" x 19.5" 560 x 600 x 500 mm	Vanguard by Briggs & Stratton	205 cc	3,770	6 ft 1.8 m	18°	14,860 cfm 25,247 cmh
720G4-B	20"	94 lbs 43 kg	25.5" x 26" x 19.5" 650 x 660 x 500 mm	Vanguard by Briggs & Stratton	205 cc	3,385	6 ft 1.8 m	18°	17,235 cfm 29,282 cmh
724G4-B	24"	120 lbs 55 kg	28" x 29.5" x 21" 710 x 750 x 535 mm	Vanguard by Briggs & Stratton	306 cc	3,245	6 ft 1.8 m	18°	21,100 cfm 35,850 cmh

These powerful PPV fans are ideal for explosive locations with unknown gases.

**5-YEAR
WARRANTY**

Model	Size	Weight	HxWxD Dimensions	Power	Consumption	Output
716WT	16"	70 lbs 32 kg	20" x 20.5" x 16" 510 x 520 x 410 mm	5.5 HP water turbine 100-250psi	65 gpm	12,900 cfm 21,920 cmh
718WT	18"	76 lbs 34.5kg	21.75" x 22" x 18.75" 555 x 575 x 480 mm	5.5 HP water turbine 100-250psi	65 gpm	16,830 cfm 28,595 cmh
720WT	20"	78 lbs 35.5 kg	25.5" x 25.5" x 18.75" 650 x 650 x 480 mm	5.5 HP water turbine 100-250psi	65 gpm	19,650 cfm 33,385 cmh
724WT	24"	88 lbs 40 kg	27.75" x 29" x 21" 705 x 740 x 535 mm	12 HP water turbine 100-250 psi	130 gpm	22,470 cfm 38,175 cmh
730WT	30"	102 lbs 46.5 kg	39" x 37" x 27.5" 990 x 940 x 700 mm	12 HP water turbine 100-250 psi	130 gpm	24,800 cfm 42,135 cm





BATTERY

Compatible with DeWalt®, Milwaukee® or Makita®, the Super Vac 16" battery Smoke Ejector is designed to work with your battery-powered rescue tools.

- 1 **Compatible Batteries:** DeWalt FLEXVOLT, Milwaukee FORGE and Makita XGT batteries
- 2 **Compact, Roll-Cage Frame:** Features a tough yet lightweight frame to protect components
- 3 **Standard Shore Power:** Provides continuous use
- 4 **StreamShaper Guard:** Allows for flexible setback
- 5 **Dual Inlet or Outlet:** Maximizes ventilation versatility
- 6 **(4) Carry Handles:** Makes transportation easy with one or two people
- 7 **Polymer Blade:** Minimizes weight; single-piece cast aluminum blade available by request
- 8 **Heavy-Duty Rubber Feet:** Adds friction to keep fan in place and steady

DEWALT FLEXVOLT BATTERY PLATFORM

* Weight = without batteries

Models	Size	Weight*	HxWxD Dimensions	Motor	Runtime at Max Airflow	Setback	Output
P164-BD-SP	16"	38 lbs 17.3 kg	25.5" x 18.875" x 9.75" 650 x 480 x 250 mm	Totally Enclosed Variable-Speed DC	9.0Ah (2) - 33 minutes 12.0Ah (2) - 44 minutes 15.0Ah (2) - 56 minutes	14 ft 4.3 m	6,700 cfm 11,380 cmh

DeWalt batteries required in pairs.

MAKITA XGT BATTERY PLATFORM

Models	Size	Weight*	HxWxD Dimensions	Motor	Runtime at Max Airflow	Setback	Output
P164-BK-SP	16"	38 lbs 17.3 kg	25.5" x 18.875" x 9.75" 650 x 480 x 250 mm	Totally Enclosed Variable-Speed DC	4.0Ah (2) - 26 minutes 5.0Ah (2) - 34 minutes 8.0Ah (2) - 52 minutes	14 ft 4.3 m	6,700 cfm 11,380 cmh

MILWAUKEE FORGE BATTERY PLATFORM

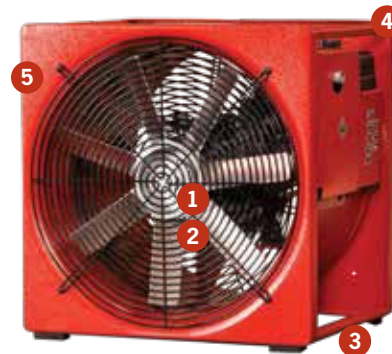
Models	Size	Weight*	HxWxD Dimensions	Motor	Runtime at Max Airflow	Setback	Output
P164-BL-SP (Milwaukee M18)	16"	38 lbs 17.3 kg	25.5" x 18.875" x 9.75" 650 x 480 x 250 mm	Totally Enclosed Variable-Speed DC	XC 8.0Ah (2) - 40 minutes HD 12.0Ah (2) - 58 minutes	14 ft 4.3 m	6,700 cfm 11,380 cmh
P164-BW-SP (Milwaukee M28)	16"	38 lbs 17.3 kg	25.5" x 18.875" x 9.75" 650 x 480 x 250 mm	Totally Enclosed Variable-Speed DC	XC 3.0Ah (2) - 30 minutes XC 5.0Ah (2) - 50 minutes	14 ft 4.3 m	6,700 cfm 11,380 cmh

For M28 batteries or chargers, please see your Genesis, TNT or Weber dealer.

GAS

5-YEAR WARRANTY

- 1 **Single-Piece Cast Aluminum Blade:** For superior strength, durability, and temperature resistance.
- 2 **Precision-Balanced Blade:** Maximizes output
- 3 **Heavy-Duty Rubber Feet:** Adds friction to keep fan in place
- 4 **4 Carry Handles:** Makes transportation easy with one or two people
- 5 **Front and Rear Guards:** Prevents accidental contact with key components



HONDA ENGINE

Model	Size	Weight	HxWxD Dimensions	Engine	Displacement	RPM	Output
GP164S	16"	55 lbs 25 kg	19.5" x 19" x 15.5" 495 x 485 x 395 mm	Honda GX120	118 cc	3,500	9,250 cfm 15,715 cmh
GP167S	16"	58 lbs 27 kg	19.5" x 19" x 15.5" 495 x 485 x 395 mm	Honda GX160	163 cc	3,500	9,500 cfm 16,140 cmh
GP187S	18"	76 lbs 34 kg	23.5" x 23" x 16.5" 600 x 585 x 420 mm	Honda GX200	196 cc	3,500	10,551 cfm 17,926 cmh

This proven fan is still used today to pull smoke from structures using negative pressure. It can be turned around for PPV use.



ELECTRIC

- ① **Patented 4-Tip Recurved Aluminum Blade:** Creates a tight spiral of air to eject smoke and fumes away from the building
- ② **Precision-Balanced Blade:** Maximizes output
- ③ **Heavy-Duty Rubber Feet:** Adds friction to keep fan in place
- ④ **4 Carry Handles:** Makes transportation easy with one or two people
- ⑤ **Front and Rear Guards:** Prevents accidental contact with key components

See Page 18-19 for Smoke Ejector Ducts and Adapters.

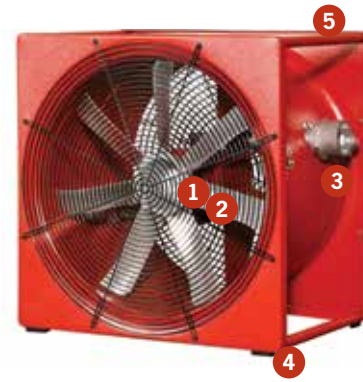
STANDARD MOTOR									
Model	Size	Weight	HxWxD Dimensions	Motor	RPM	Start	Run	Output	
P124S	12"	40 lbs 18 kg	15.5" x 15" x 13" 395 x 380 x 330 mm	WEG, single speed, TEAO, 1/2 HP, 50/60Hz, 115/230V AC	3,450	2,000 w 15-amp circuit	800 w	3,700 cfm 6,285 cmh	
P164S	16"	44 lbs 20 kg	19.25" x 18.75" x 13" 490 x 480 x 330 mm	WEG, single speed, TEAO, 1/3 HP, 50/60Hz, 115/230V AC	1,725	2,000 w 15-amp circuit	700 w	5,200 cfm 8,835 cmh	
P164S-AL Aluminum Frame vs Steel	16"	40 lbs 18 kg	19.25" x 18.75" x 13" 490 x 480 x 330 mm	WEG, single speed, TEAO, 1/3 HP, 50/60Hz, 115/230V AC	1,725	2,000 w 15-amp circuit	700 w	5,200 cfm 8,835 cmh	
P200S	20"	88 lbs 38.5 kg	25.5" x 24.75" x 16.25" 650 x 630 x 415 mm	WEG, single speed, TEAO, 1 HP, 50/60Hz, 115/230V AC	1,725	4,000 w 15-amp circuit	1,500 w	9,800 cfm 16,650 cmh	
P200S-AL Aluminum Frame vs Steel	20"	70 lbs 32 kg	25.5" x 24.75" x 16.25" 650 x 630 x 415 mm	WEG, single speed, TEAO, 1 HP, 50/60Hz, 115/230V AC	1,725	4,000 w 15-amp circuit	1,500 w	9,800 cfm 16,650 cmh	
P244S	24"	110 lbs 50 kg	28.5" x 28" x 18.75" 725 x 710 x 480 mm	WEG, single speed, TEAO, 1-1/2 HP, 50/60Hz, 115/230V AC	1,725	6,000 w 20-amp circuit	2,100 w	11,800 cfm 20,050 cmh	
UL-LISTED EXPLOSION-PROOF MOTOR									
Model	Size	Weight	HxWxD Dimensions	Motor	RPM	Start	Run	Output	
P124SE	12"	42 lbs 19 kg	15.5" x 15" x 13" 395 x 380 x 330 mm	WEG, single speed, hazardous location rated for Class 1 Group D, 1/2 HP, 50/60Hz, 115/230V	3,450	2,000 w 15-amp circuit	800 w	3,700 cfm 6,285 cmh	
P164SE	16"	49 lbs 22 kg	19.25" x 18.75" x 13" 490 x 480 x 330 mm	WEG, single speed, hazardous location rated for Class 1 Group D, 1/3 HP, 50/60Hz, 115/230V AC	1,725	2,000 w 15-amp circuit	700 w	5,200 cfm 8,835 cmh	
P164SE-AL Aluminum Frame vs Steel	16"	45 lbs 21 kg	19.25" x 18.75" x 13" 490 x 480 x 330 mm	WEG, single speed, hazardous location rated for Class 1 Group D, 1/3 HP, 50/60Hz, 115/230V AC	1,725	2,000 w 15-amp circuit	700 w	5,200 cfm 8,835 cmh	
P200SE	20"	93 lbs 42 kg	25.5" x 24.75" x 16.25" 650 x 630 x 415 mm	WEG, single speed, hazardous location rated for Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC	1,725	4,000 w 15-amp circuit	1,500 w	9,800 cfm 16,650 cmh	
P200SE-AL Aluminum Frame vs Steel	24"	78 lbs 36 kg	25.5" x 24.75" x 16.25" 650 x 630 x 415 mm	WEG, single speed, hazardous location rated for Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC	1,725	4,000 w 15-amp circuit	1,500 w	9,800 cfm 16,650 cmh	
P244SE	24"	115 lbs 52 kg	28.5" x 28" x 18.75" 725 x 710 x 480 mm	WEG, single speed, hazardous location rated for Class 1 Group D, 1-1/2 HP, 50/60Hz, 115/230V AC	1,725	6,000 w 20-amp circuit	2,100 w	11,800 cfm 20,050 cmh	
ATEX-RATED MOTOR									
Model	Size	Weight	HxWxD Dimensions	Motor	RPM	Start	Run	Output	
P164SEA	16"	74 lbs 34 kg	21.25" x 18.75" x 15.5" 540 x 477 x 394 mm	ATEX, single speed, 2.2kw, 50Hz, 220V AC	2,800	4,000 w 15-amp circuit	2,200 w	8,320 cfm 14,135 cmh	
P200SEA	20"	103 lbs 47 kg	25.5" x 24.75" x 16.25" 650 x 630 x 415 mm	ATEX, single speed, 2.2kw, 50Hz, 220V AC	2,800	4,000 w 15-amp circuit	2,200 w	15,680 cfm 26,640 cmh	

*RPM is at 60Hz – for 50Hz – RPM and output should be multiplied by 5/6; TEAO = Totally Enclosed Air Over

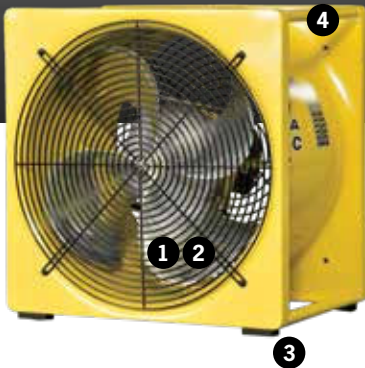


WATER TURBINE WT SERIES

- ❶ **Single-Piece Cast Aluminum Blade:** For superior strength, durability, and temperature resistance.
- ❷ **Precision-Balanced Blade:** Maximizes output
- ❸ **Fitting Sizes:** Standard with 1.5" NHT hose fitting; other sizes available as option
- ❹ **Heavy-Duty Rubber Feet:** Adds friction to keep fan in place
- ❺ **4 Carry Handles:** Makes transportation easy with one or two people



**5-YEAR
WARRANTY**



CONFINED SPACE

Ventilate confined spaces, like manholes and underground

THE F SERIES

**5-YEAR
WARRANTY**

- ❶ **Patented 4-Tip Recurved Aluminum Blade:**
Creates a tight spiral of air to pull fumes away from the space
- ❷ **Precision-Balanced Blade:** Maximizes output
- ❸ **Heavy-Duty Rubber Feet:** Friction keeps fan in place
- ❹ **4 Carry Handles:** Maneuver easily with one or two people

F SERIES

Single-Speed Motor

The F Series is a popular confined space choice thanks to its low-noise, high-output industrial design.

	Model	Size	Weight	HxWxD	Motor	RPM	Start	Run	Output
Standard Motors	F124	12"	40 lbs 18 kg	15.5" x 15" x 13" 395 x 380 x 330 mm	WEG, single speed, TEAO, 1/3 HP, 50/60Hz, 115/230V AC	1,725	2,000 w 15-amp circuit	800 w	2,100 cfm 3,570 cmh
	F164	16"	44 lbs 20 kg	19.25" x 18.75" x 13" 490 x 480 x 330 mm	WEG, single speed, TEAO, 1/3 HP, 50/60Hz, 115/230V AC	1,725	2,000 w 15-amp circuit	700 w	5,200 cfm 8,835 cmh
	F200	20"	85 lbs 38.5 kg	25.5" x 24.75" x 16.25" 650 x 630 x 415 mm	WEG, single speed, TEAO, 1 HP, 50/60Hz, 115/230V AC	1,725	4,000 w 15-amp circuit	1,500 w	9,500 cfm 16,140 cmh
	F244	24"	110 lbs 50 kg	28.5" x 28" x 16.25" 725 x 710 x 480 mm	WEG, single speed, TEAO, 1-1/2 HP, 50/60Hz, 115/230V AC	1,725	6,000 w 20-amp circuit	2,100 w	11,800 cfm 20,050 cmh
Hazardous Location Motors	F124E	12"	42 lbs 19 kg	15.5" x 15" x 13" 395 x 380 x 330 mm	WEG, single speed, hazardous location rated for Class 1 Group D, 1/3 HP, 50/60Hz, 115/230V AC	1,725	2,000 w 15-amp circuit	800 w	2,100 cfm 3,570 cmh
	F164E	16"	49 lbs 22 kg	19.25" x 18.75" x 13" 489 x 477 x 330 mm	WEG, single speed, hazardous location rated for Class 1 Group D, 1/3 HP, 50/60Hz, 115/230V AC	1,725	2,000 w 15-amp circuit	700 w	5,200 cfm 8,835 cmh
	F200E	20"	93 lbs 42 kg	25.5" x 24.75" x 16.25" 650 x 630 x 415 mm	WEG, single speed, hazardous location rated for Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC	1,725	4,000 w 15-amp circuit	1,500 w	9,500 cfm 16,140 cmh
	F244E	24"	115 lbs 52 kg	28.5" x 28" x 16.25" 725 x 710 x 480 mm	WEG, single speed, hazardous location rated for Class 1 Group D, 1-1/2 HP, 50/60Hz, 115/230V AC	1,725	6,000 w 20-amp circuit	2,100 w	11,800 cfm 20,050 cmh

HF SERIES

High Single-Speed Motor

Running at 3,450 RPM, the HF Series has the power to force or pull air deep into a structure or underground vault.

	Model	Size	Weight	HxWxD	Motor	RPM	Start	Run	Output
Standard Motors	HF124	12"	40 lbs 18 kg	15.5" x 15" x 13" 395 x 380 x 330 mm	WEG, single speed, TEAO, 1/2 HP, 50/60Hz, 115/230V AC	3,450	2,000 w 15-amp circuit	800 w	3,700 cfm 6,285 cmh
	HF164	16"	59 lbs 27 kg	19.25" x 18.75" x 15.5" 490 x 480 x 394 mm	WEG, single speed, TEAO, 1-1/2 HP, 50/60Hz, 115/230V AC	3,450	6,000 w 20-amp circuit	2,100 w	9,620 cfm 16,345 cmh
Hazardous Locations	HF124E	12"	42 lbs 19 kg	15.5" x 15" x 13" 395 x 380 x 330 mm	WEG, single speed, hazardous location rated for Class 1 Group D, 1/2 HP, 50/60Hz, 115/230V AC	3,450	2,000 w 15-amp circuit	800 w	3,700 cfm 6,285 cmh
	HF164E	16"	63 lbs 28.5 kg	19.25" x 18.75" x 15.5" 490 x 480 x 394 mm	WEG, single speed, hazardous location rated for Class 1 Group D, 1-1/2 HP, 50/60Hz, 115/230V AC	3,450	6,000 w 20-amp circuit	2,100 w	9,620 cfm 16,345 cmh

Note: HF164 requires a 20-amp circuit to start and run on 115V.

Model	Size	Weight	HxWxD	Power	Consumption	Output
P124WT	12"	50 lbs 23 kg	15.5" x 15" x 13" 395 x 380 x 330 mm	5.5 HP water turbine 100-250psi	65 gpm	4,300 cfm 7,305 cmh
P164WT	16"	57 lbs 26kg	19.25" x 18.75" x 13" 490 x 480 x 330 mm	5.5 HP water turbine 100-250psi	65 gpm	9,950 cfm 16,905 cmh
P204WT	20"	88 lbs 40 kg	22.5" x 24.75" x 16.25" 650 x 630 x 415 mm	5.5 HP water turbine 100-250psi	65 gpm	10,800 cfm 18,350 cmh
P244WT	24"	123 lbs 56 kg	28.5" x 28" x 18.75" 725 x 710 x 480 mm	5.5 HP water turbine 100-250 psi	65 gpm	14,200 cfm 24,125 cmh

See Page 18-19 for Smoke Ejector Ducts and Adapters.

vaults with this fan lineup, which includes the powerful F Series and our smallest confined space fan, the 8" Nano.

*RPM is at 60Hz – for 50Hz – RPM and output should be multiplied by 5/6; TEAO = Totally Enclosed Air Over

VF SERIES

Variable-Speed Motor

The VF Series provides precise air control thanks to its variable-speed motor, moving 30% more air flow than single-speed fans.

	Model	Size	Weight	HxWxD	Motor	RPM	Start	Run	Output
Standard Motors	VF124	12"	40 lbs 18 kg	15.5" x 15" x 13" 395 x 380 x 330 mm	RAEO, TEAO, variable speed, 1 HP, 50/60Hz, 115/230V AC	2,500	2,000 w 15-amp circuit	800 w	3,100 cfm 5,265 cmh
	VF164	16"	52 lbs 23.5 kg	19.25" x 18.75" x 15.5" 490 x 480 x 394 mm	RAE, TEAO, variable speed, 1 HP, 50/60Hz, 115/230V AC	2,500	2,000 w 15-amp circuit	800 w	5,900 cfm 10,025 cmh
	VF200	20"	88 lbs 40 kg	25.5" x 24.75" x 16.25" 650 x 630 x 415 mm	RAE, TEAO, variable speed, 1 HP, 50/60Hz, 115/230V AC	2,500	2,000 w 15-amp circuit	800 w	9,800 cfm 16,650 cmh

AF SERIES

Compressed Air Motor

The AF Series features a pneumatic air motor, making this blower/exhauster intrinsically safe for environments with unknown gases.

	Model	Size	Weight	HxWxD	Motor	RPM	Run	Output
Pneumatic Motors	AF124	12"	39 lbs 18 kg	15.5" x 15" x 13" 395 x 380 x 330 mm	Pneumatic, 1/2 HP	2,000	80 PSI - 27 cfm	3,800 cfm 6,455 cmh
	AF164	16"	45 lbs 20.5 kg	19.25" x 18.75" x 15.5" 490 x 480 x 394 mm	Pneumatic, 1-1/2 HP	3,600	100 PSI - 75 cfm	9,600 cfm 16,310 cmh
	AF200	20"	60 lbs 27 kg	25.5" x 24.75" x 16.25" 650 x 630 x 415 mm	Pneumatic, 1-1/2 HP	3,600	100 PSI - 75 cfm	9,800 cfm 16,650 cmh
	AF244	24"	105 lbs 48 kg	28.5" x 28" x 16.25" 725 x 710 x 480 mm	Pneumatic, 5 HP	2,250	100 PSI - 100 cfm	14,200 cfm 24,125 cmh

P8S / P8S-220V

P8XE / P8XE-220V



NANO

The market's smallest, most powerful confined space fan!

- 1 Versatile:** Can be used for positive or negative pressure operations; the duct can be attached to either end
- 2 2 Carry Handles:** Provides easy transport

**5-YEAR
WARRANTY**

Model	Size	Weight	HxWxD	Motor	Output	Nano Pacs
P8S	8"	20 lbs 9 kg	11.5" x 10.75" x 16" 295 x 275 x 406 mm	1/3 HP, TEAO (Totally Enclosed Air Over), 60Hz, 115V AC	1,054 cfm 1,790 cmh	Available kit with 15' or 25' standard duct
P8XE	8"	22 lbs 10 kg	11.5" x 10.75" x 16" 295 x 275 x 406 mm	1/3 HP, hazardous location rated for Class 1 Group D, 60Hz, 115V AC	1,054 cfm 1,790 cmh	Available kit with 15' or 25' conductive duct
P8S-220V	8"	20 lbs 9 kg	11.5" x 10.75" x 16" 295 x 275 x 406 mm	1/3 HP, TEAO (Totally Enclosed Air Over), 50Hz, 220V AC	1,054 cfm 1,790 cmh	Available kit with 15' or 25' standard duct
P8XE-220V	8"	22 lbs 10 kg	11.5" x 10.75" x 16" 295 x 275 x 406 mm	1/3 HP, hazardous location rated for Class 1 Group D, 50Hz, 220V AC	1,054 cfm 1,790 cmh	Available kit with 15' or 25' conductive duct

See Page 18 for confined space ducts.

* Available in 12V DC by adding "12V" to model number

DUCTS AND ADAPTERS



SPIRAL DUCTS

PPVS | CONFINED SPACE | SMOKE EJECTORS

Looking for a traditional spiral duct? You won't find a more durable, long-lasting spiral duct than one from Super Vac's lineup. These ducts are ideal for moving large quantities of air into hard-to-reach places using positive or negative pressure and come with a built-in storage/carry bag for easy transportation. Hot-melt wear strips cover the helix for added durability up to 250° F / 121° C..

Standard Duct

Model	Pairs With	Diameter	Length
8x15BC1	8" Nano	8" (205 mm)	15' (4.6 m)
8x25BC1	8" Nano	8" (205 mm)	25' (7.6 m)
12x20AD	12" F Series/Smoke Ejectors	12" (305 mm)	20' (6.1 m)
12x20BC1	12" PPVs	12" (305 mm)	20' (6.1 m)
16x20AD	16" F Series/Smoke Ejectors	16" (405 mm)	20' (6.1 m)
16x20BC1	16" PPVs	16" (405 mm)	20' (6.1 m)
20x20AD	20" F Series/Smoke Ejectors	20" (510 mm)	20' (6.1 m)
20x20BC1	18" and 20" PPVs	20" (510 mm)	20' (6.1 m)
24x20AD	24" F Series/Smoke Ejectors	24" (610 mm)	20' (6.1 m)
24x20BC1	24" PPVs	24" (610 mm)	20' (6.1 m)

For Duct-Only Belt Cuff (no adapter), models end with BC1
For Duct with Adapter, models end with AD

Hazardous Location Duct

Model	Pairs With	Diameter	Length
8x15HZ1	8" Nano	8" (205 mm)	15' (4.6 m)
8x25HZ1	8" Nano	8" (205 mm)	25' (7.6 m)
12x20HZAD	12" F Series/Smoke Ejectors	12" (305 mm)	20' (6.1 m)
12x20HZ1	12" PPVs	12" (305 mm)	20' (6.1 m)
16x20HZAD	16" F Series/Smoke Ejectors	16" (405 mm)	20' (6.1 m)
16x20HZ1	16" PPVs	16" (405 mm)	20' (6.1 m)
20x20HZAD	20" F Series/Smoke Ejectors	20" (510 mm)	20' (6.1 m)
20x20HZ1	18" and 20" PPVs	20" (510 mm)	20' (6.1 m)
24x20HZAD	24" F Series/Smoke Ejectors	24" (610 mm)	20' (6.1 m)
24x20HZ1	24" PPVs	24" (610 mm)	20' (6.1 m)

For Duct-Only Belt Cuff (no adapter), models end with HZ1
For Duct with Adapter, models end with HZAD



FOAM GENERATOR DUCT

PPVS | CONFINED SPACE | SMOKE EJECTORS

This duct pairs with Super Vac's High-Expansion Foam Generator (on Page 20) to help direct foam away from the fan shroud.

Foam Generator Duct

Model	Pairs With	Diameter	Length
HXG-6MIL	All 12", 16", 18" and 20" Fans	20" (508 mm)	40" (1 m) min. 720" (220 m) max.

L DUCTS CONFINED SPACE

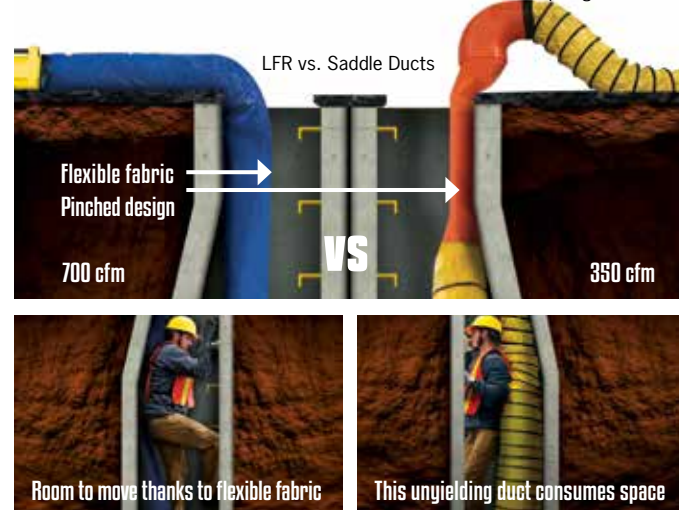
Featuring an all-new inherently arc and flame resistant ballistic fabric, Super Vac's Nano Series LFR-BF L-shaped duct delivers one of the safest, most compact hoses. Patent pending!



LFR-BF Duct (for Nano and F Series)

Model	Diameter	Weight	Length
LFR-BF	8" - 205mm (for 8" Nano)	Just 3 lbs.	3' + 8' 0.91 m + 2.44 m

Silver Bullet FR material, made from meta-aramid, ballistic para-amid and 2% anti-static fiber. Arc resistant and UL certified to NFPA. (Fabric is not conductive or static dissipating.)



The LFR's unique material allows the vent to contour around the worker while moving through the confined space. The saddle vent helix duct is less forgiving.

ACCESSORIES

ADAPTERS SMOKE EJECTORS

Manhole Adapter



Model	Fan Size	Manhole Size
MA12-24	12" 305 mm	24" 610 mm
MA12-30	12" 305 mm	30" 762 mm
MA16-24	16" 406 mm	24" 610 mm
MA16-30	16" 406 mm	30" 762 mm

These aluminum adapters, available in four sizes, allow utility companies to safely place negative pressure fans over a manhole to pull smoke and toxic fumes from below the surface.

Not for use if manhole is only egress.



Belt-Cuff Duct Adapter

Model: 12", 16", 18", 20", 24" ADAPTER

The duct adapter attaches to any kind of spiral duct with a belted cuff to a smoke ejector. It simply fits over the edge of the fan and secures with two clasps. Available for 12", 16", 18", 20" and 24" smoke ejectors.

ACCESSORIES MOUNTING FOR SMOKE EJECTORS

Door Bar / Hanger

Model	Pairs With	
HR	All Smoke Ejectors / Battery Fans	
Model	Weight	Usable Range
DOOR BAR	13 lbs 6 kg	26" - 60" with extensions

Super Vac's Hanger allows crews to hang a smoke ejector (or battery fan) most anywhere (from ladders, doorways, windows, archways and more). Used with the Door Bar, which deploys easily with a quick-release pull trigger, the fan can be placed at most any height.



Tilt Frame

Model	Pairs With	Weight
TF-16	16" Smoke Ejector*	42 lbs 19 kg

*Does not work with gas-powered smoke ejectors.

The Tilt Stand Frame is perfect for elevating the fan's airstream (positioned in 18-degree increments for blowing straight up or down). The robust design and wide stance prevents tipping while providing quick setup and effortless tilt. This frame can be built with additional cord length (10' standard).



Running Board Mount

Model	Pairs With
RBM-SE	All Smoke Ejectors (Specify fan model when ordering.)

These mounts allow you to carry a Super Vac Smoke Ejector on your vehicle running board for quick access.



LIGHT KIT

12-Watt Spot/Combo LEDs

Model	Pairs With
LIGHT KIT, E PPV	Electric PPVs
LIGHT KIT, H PPV	Honda PPVs

Adds 1/2" (15mm) height to PPV's stowed dimensions

This kit adds a 12-watt spot/combo LED to any electric- or Honda GX200-powered PPV. These LEDs are mounted to the fold-down handle.



EXHAUST EXTENSION

10' Extension with optional Heat Shield

Model	Pairs With
EXHAUST EXTENSION	Gas PPVs
HEAT SHIELD	Gas PPVs

Removes emissions away from gas engine or PPV intake; shield slips over extension to prevent metal hose burns.

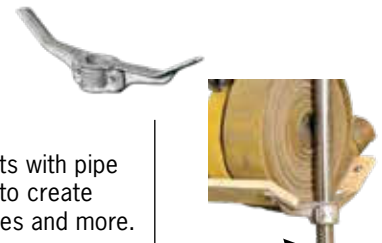


STORAGE

WB Bracket

Model	Compatible Pipes
WB Small	For 1.5" (38 mm) Pipe
WB Large	For 2" (50 mm) Pipe

Use Super Vac's WB Brackets with pipe and 2x6s (spaced 5' apart) to create custom storage for hoses, tires and more.



Vinyl Cover

Model	Pairs With
VINYL COVER	All PPVs and Smoke Ejectors (Specify fan model when ordering.)

Protect your Super Vac PPV with a vinyl fan cover. Available in red or yellow for all PPVs and Smoke Ejectors up to 30".





See this product in action
at bit.ly/fan-foam-generator



HIGH-EXPANSION FOAM GENERATOR

This foam generator attaches easily to any Super Vac PPV (from 16"-30") or Super Vac Smoke Ejector (from 16"-24") and is capable of producing foam up to an expansion rate of 1000:1 for tough extinguishments, including oil/mining operations, ship-hold areas and scenes with flammable liquids.

Model	Pairs With
HXG-PPV	16"-30" PPVs
HXG-E	16"-24" Smoke Ejectors

Includes: Black metal shroud, Apex Mills TP21 foam expansion netting, a 30 GPM in-line educator, 1" Bypass Educator. Use High-Expansion Foam (sold separately). Please specify fan model when ordering.



MOUNTAIN MISTER

The Super Vac Mountain Mister can convert any fan into a cooling unit for rehabilitation.

- Mister Compatibility:** Attaches to the outlet guard of any PPV, smoke ejector or blower/exhauster with brackets (Model MM) or industrial magnets (MM-MAG); simply attach a garden hose or an auxiliary line from any fire apparatus pump panel to provide heat relief
- Versatile Design:** Can be used by itself; simply hang under an awning, from a shady tree or over the pump panel
- Water Efficiency:** Only consumes 3 gallons or 11 liters of water per hour of water per hour!
- Optional Features:** Storz connection and magnetic version for StreamShaper guards

Model	Pairs With
MM	Cone Guard PPVs / Smoke Ejectors (secure to garden hose)
MM-MAG	Battery PPVs or any PPVs with StreamShaper Guards (secures to garden hose)
MM-MAG-ST	Battery PPVs or any PPVs with StreamShaper Guards and Storz Adapter



*Available with Storz Adapter



AIRCRAFT BRAKE COOLING FAN

Super Vac's Brake Cooling Fan is a specialized unit designed to pull air over the brakes of commercial aircraft, allowing for quicker turnover for airports with long taxis and hot weather. Works for all A320, A380, B737 or equivalent aircraft thanks to adjustable frame.

Battery Electric Gas Diesel



Model	Weight	Motor/Engine
724BCS	108 lbs 49 kg	1 HP TEAO Motor
724BCV	105 lbs 48 kg	1.5 HP Variable Speed Motor
724BCX	110 lbs 50 kg	1.5 HP Hazardous Location Motor
724BCH	103 lbs 47 kg	4 HP Honda Engine
724BCD	136 lbs 62 kg	6.5 HP Kubota Diesel Engine
724BCB	86 lbs 39 kg	1 HP, Variable-Speed DC; available with DeWalt, Makita or Milwaukee batteries



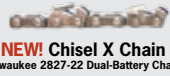
BATTERY-POWERED CHAINSAW CONVERSION KIT

Super Vac's Chain Saw Conversion Kits turn any ordinary 16" or 20" wood-cutting Makita, DeWalt, Milwaukee or Echo battery-powered chainsaw into the perfect overhaul or rapid intervention saw for firefighter operations.

**2-YEAR
COMPONENT
WARRANTY**

Kit Components

- 1 Carbide-Tipped Chain:** Cuts through wood, nails, asphalt shingles and light metal, as well as residential and commercial roofing;* easily sharpens with diamond equipment.
- 2 Modified Bar:** Allows the wider chain gauge to operate with added room, putting less strain on the saw for heavy use; the bar is slotted to work with the Quick Silver depth gauge.
- 3 Optional Quick Silver Depth Gauge:** Prevents the blade from cutting too deep during roof ventilation.

Component	Model	Saw Size	Weight	Battery-Powered Saw Compatibility	Materials
 Chisel E Chain	SV375-16	16" 405 mm	6.4 oz 182 g	Makita: 18V X2 (36V) LXT Brushless Chainsaw DeWalt: FLEXVOLT DCCS670 Cordless Chainsaw Type 1* Milwaukee: 2727-20/2727-21 HD Single-Battery Chainsaw Echo: Echo 58V Cordless Chainsaw	Single-Raker Chisel chain; carbide tipped (super grade for better impact resistance); loop for bar, 3/8 x .050 LP; single-raker design
	SV375-20	20" 508 mm	11 oz 312 g	DeWalt: FLEXVOLT DCCS677 Chainsaw Milwaukee: 2727-20/2727-21 HD Single-Battery Chainsaw	
 NEW! Chisel X Chain	SV377-16	16" 405 mm	6.4 oz 182 g	Makita: 18V X2 (36V) LXT Brushless Chainsaw DeWalt: FLEXVOLT DCCS670 Cordless Chainsaw Type 1* Milwaukee: 2727-20/2727-21 HD Single-Battery Chainsaw Echo: Echo 58V Cordless Chainsaw	Dual-Raker Chisel chain; carbide tipped (super grade chain with extra protection for the cutting tooth); loop for bar, 3/8 x .050 LP; dual-raker design
	SV377-20	20" 508 mm	11.2 oz 318 g	DeWalt: FLEXVOLT DCCS677 Chainsaw Milwaukee: 2727-20/2727-21 HD Single-Battery Chainsaw	
 NEW! Chisel E Chain for Milwaukee 2827-22 Dual-Battery Chainsaw	SV376-20M	20" 508 mm	11.2 oz 318 g	Milwaukee: 2827-22 Dual-Battery Chainsaw	Single-Raker Chisel chain; carbide tipped (super grade for better impact resistance); loop for bar, 3/8 x .050; single-raker design
 NEW! Chisel X Chain for Milwaukee 2827-22 Dual-Battery Chainsaw	SV378-20M	20" 508 mm	11.2 oz 318 g	Milwaukee: 2827-22 Dual-Battery Chainsaw	Dual-Raker Chisel chain; carbide tipped (super grade chain with extra protection for the cutting tooth); loop for bar, 3/8 x .050; dual-raker design
 Bar	SV530-16	16" 405 mm	22.3 oz 632 g	Makita: 18V X2 (36V) LXT Brushless Chainsaw DeWalt: FLEXVOLT DCCS670 Cordless Chainsaw Type 1* Milwaukee: 2727-20/2727-21 HD Single-Battery Chainsaw Echo: Echo 58V Cordless Chainsaw	Flame-hardened rails to 60 Rockwell C; precision-honed groove and replaceable roller nose for smoother operation/ longer life
	SV530-20	20" 508 mm	33 oz 936 g	DeWalt: FLEXVOLT DCCS677 Chainsaw Milwaukee: 2727-20/2727-21 HD Single-Battery Chainsaw	
	SV531-20M	20" 508 mm	33 oz 936 g	Milwaukee: 2827-22 Dual-Battery Chainsaw	
 Depth Gauge (Optional)	SV780-16	16" or 20" 405 mm or 508 mm	15.8 oz 448 g	All Types	Billet aluminum for lightweight strength; CNC machined for precision; open design prevents clogging of debris Billet aluminum for lightweight strength; CNC machined for precision; open design prevents clogging of debris
Chisel E Complete Kit	SV789-16	16" 405 mm	See weights above	Makita: 18V X2 (36V) LXT Brushless Chainsaw DeWalt: FLEXVOLT DCCS670 Cordless Chainsaw Type 1* Milwaukee: M18 Fuel Cordless Chainsaw Echo: Echo 58V Cordless Chainsaw	 For the most economical package, consider the complete kit, which includes chain, bar and depth gauge (listed above).
	SV789-20	20" 508 mm		DeWalt: FLEXVOLT DCCS677 Chainsaw Milwaukee: 2727-20/2727-21 HD Single-Battery Chainsaw	
Chisel X Complete Kit	SV793-16	16" 405 mm		DeWalt: FLEXVOLT DCCS677 Chainsaw Milwaukee: 2727-20/2727-21 HD Single-Battery Chainsaw	
	SV793-20	20" 508 mm		DeWalt: FLEXVOLT DCCS677 Chainsaw Milwaukee: 2727-20/2727-21 HD Single-Battery Chainsaw	
Chisel E Complete Kit for Milwaukee 2827-22 Dual-Battery Chainsaw	SV791-20M	20" 508 mm	See weights above	Milwaukee: 2827-22 Dual-Battery Chainsaw	 For the most economical package, consider the complete kit, which includes chain, bar and depth gauge (listed above).
Chisel X Complete Kit for Milwaukee 2827-22 Dual-Battery Chainsaw	SV795-20M	20" 508 mm			

*KNOW YOUR TYPE: Be sure to specify whether your 16" DeWalt Cordless Chainsaw is a TYPE 1 or TYPE 2 when ordering conversion kit. (Find on serial number label.)

LARGE-SCALE VENTILATION



See this product in action at bit.ly/svu-operation



**1-YEAR
WARRANTY**

SVU

The SVU is the most versatile, large-scale positive pressure ventilator in the industry. With a wide array of configurations, this PPV is perfect for ventilating airport terminals, large warehouses, commercial structures, high-rise buildings and mass rehabilitation areas.

1 6-Point Carbon Fiber Blade:
48" (1,219 mm) in diameter

2 Choice of Direct-Drive Engine:

- ◊ Kubota 3.5L Gasoline Engine
Performance: 87 HP (65kW)
Fuel Consumption: 8 gph (30 L/hr)
Fuel Tank Capacity: 18 g (68 L)
- ◊ Cummins 3.8L Diesel Engine
Performance: 132 HP (99 kW)
Fuel Consumption: 7.4 gph (28 L/hr)
Fuel Tank Capacity: 18 g (68 L)



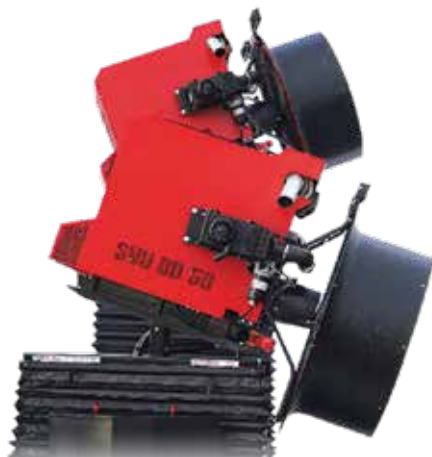
3 Rotate, Raise and Tilt: The Electric Turntable rotates the fan up to 270°; the Scissor Lift extends the SVU up to 30' in the air and tilts 20° up and down



4 Mounting Options: Choose from Skid Unit, Custom Trailer, Truck or Flatbed



5 Optional Accessories: Misting Ring provides 30 GPM at 60 psi, while optional ducting and LED lights add even more versatility



Cummins 3.8L Diesel Engine



Kubota 3.8L Gas Engine

Diesel Powered - H x W x D: 82" x 70" x 42" - 2,090 mm x 1,780 mm x 1,070 mm*

Model	Weight*	Engine	Displacement	RPM	Output
SVU-DD-50	1,850 lbs 839 kg	Cummins 3.8L Diesel	3.8L	2,600	220,000 cfm 373,780 cmh

* Without trailer

Gas Powered - H x W x D: 70" x 70" x 42" - 1,780 mm x 1,780 mm x 2,720 mm*

Model	Weight*	Engine	Displacement	RPM	Output
SVU-50	1,540 lbs 703 kg	Kubota 3.5L Gas	3.5L	2,450	200,000 cfm 339,800 cmh

* Without trailer

6 Reduce Manufacturing Downtime During a Ventilation Emergency:

Downtime can adversely affect a facility, costing a company \$2,500-\$5,000 per inoperable minute, or upwards of:

- \$5,000 per minute
- \$300,000 per hour
- \$2.4 million per day

This large industrial fan produces a 200,000 cfm output to ventilate large structures in a fraction of the time.



See this product in action at
bit.ly/oklahoma-city-SVU-1220

Right: Oklahoma City's SVU



SVU MOBILE VENTILATION VEHICLE

The Super Vac SVU is mounted on a Ford F-450 4x2 single-door flatbed chassis, making this mobile unit perfect for ventilating airport terminals, manufacturing facilities, large warehouses, commercial structures and high-rise buildings.

- 6-Point, 48" Diameter Carbon Fiber Blade:**
Produces 200,000 cfm
- Kubota 3.5L Direct-Drive Gas Engine:**
 - Performance: 87 HP (65kW)
 - Fuel Consumption: 8 gph (30L/hr)
 - Fuel Tank Capacity: 18 g (68 L)
- Electric Turntable:**
Rotates fan up to 270 degrees
- Scissor Lift:**
The standard SVU scissor lift extends to 30" in the air for varying reach and allows for +/- 20-degree up-and-down tilt
- Opposing Fold-Down Side Doors:**
Provides access, allowing roll-down access for additional fans or equipment
- Ford F-450 4x2 flatbed chassis:**
Turns the SVU into a mobile unit
- Onan Protec PTO Generator:**
Adds 15,000-watts of surplus energy to power additional fans, lighting or equipment



Above: Washington, D.C.'s SVU



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See a Super Vac representative or authorized dealer for further details. All information in this brochure is the latest available at the time of publication. Printed in the USA. 2.5K 0526 ©2026 Super Vac