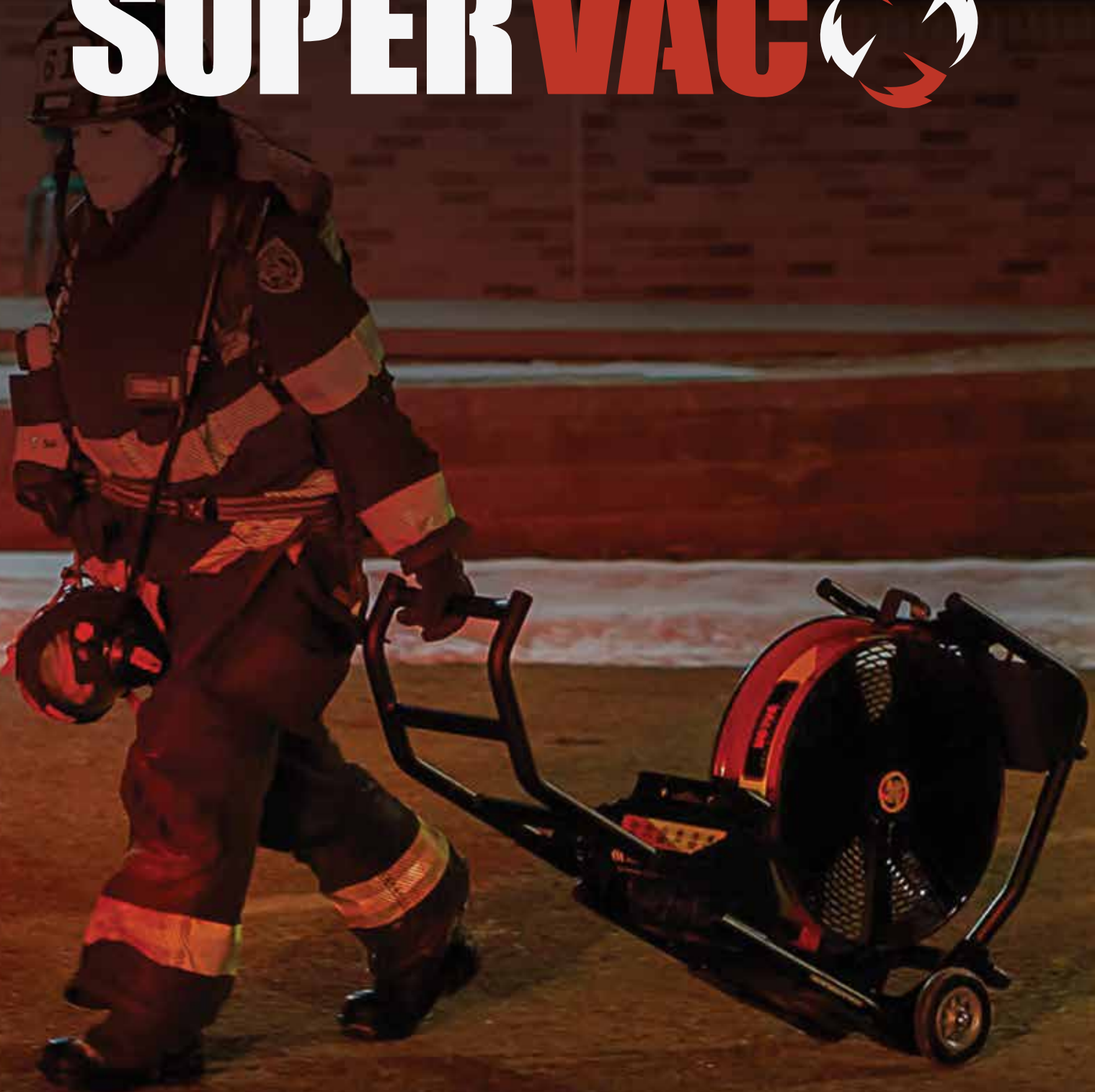


SUPERVAC



Time Tested. Firefighter Proven.

supervac.com

Battery PPVs

Valor 4-7

Electric PPVs

Valor 8

7 Series 9

Gas PPVs

Valor 10

7 Series 11

Water Turbine PPVs 10-11

Smoke Ejectors

Battery 12

Electric 13

Gas 12

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Large-Scale or Specialty PPVs

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Ventilation Vehicle 21

Unmanned Misting Turbines 22

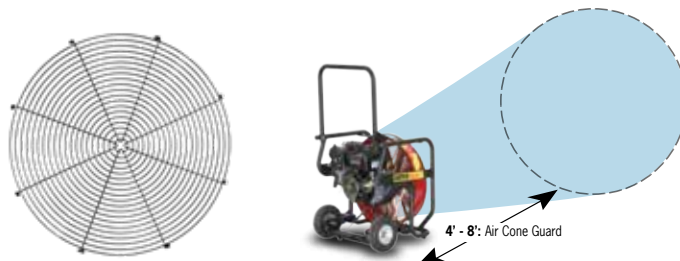
Aircraft Brake Cooling Fans 22

Chainsaw Conversion Kit 23

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



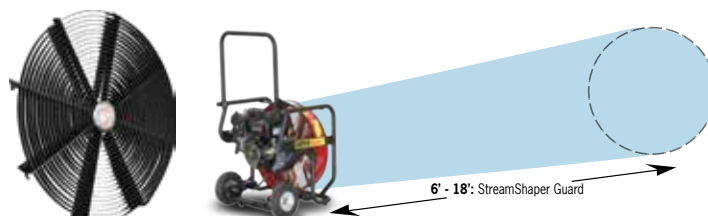
Advantages of the Air Cone Guard

- ◊ 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

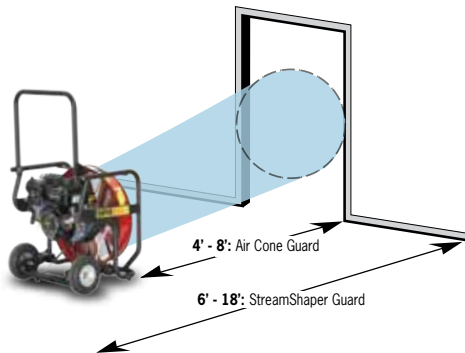
- ◊ Farther setup:
Setback distance up to 18'
- ◊ Perfect for:
High-pressure situations
High-rise buildings
Homes with multiple small rooms
Buildings with fewer entrance steps
- ◊ More room for operations at entrances
- ◊ Creates less noise
- ◊ Provides slightly higher airflow
- ◊ Great for use in V-Attack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



FAN PLACEMENT INSTRUCTIONS

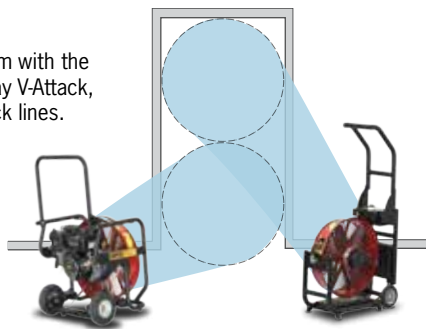
Single-Fan Attack

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

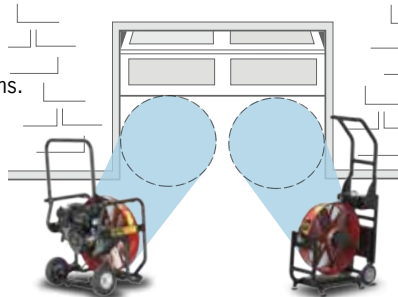
The door is sealed top to bottom with the units at 45° angles in a doorway V-Attack, leaving a straight shot for attack lines.



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.



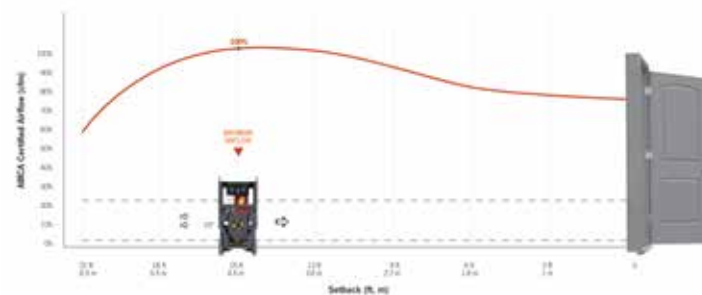
Do not block the air supply by standing behind the fan.

Fan Setback

As mentioned on Page 2, Super Vac's guard choices provide different setback options. The below diagram demonstrates how different setbacks can effect entrained airflow using a StreamShaper guard.

AMCA-Certified Airflow (cfm)

V18 certified airflows at various setback distances



Extension Cord Use

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.

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

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



AMCA 240-22 Certified Airflows

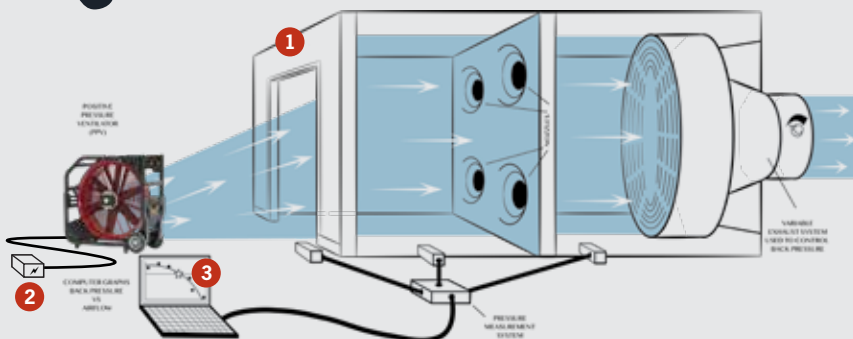
The listed battery fan ratings in this catalog are based on tests and procedures in accordance with AMCA Standard 240-22. All other outputs in the battery fan charts are based on results from comparable AMCA 240-22 testing procedures. The AMCA 240 Standard was revised in 2022 to specifically test battery-powered PPV fans and was created in collaboration with industry experts, select firefighters and PPV manufacturers. The new test reflects improved variables, including:

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

These variables deliver more accurate, yet lower airflows compared to identical fans tested to the old AMCA 240-16 standard.



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



BATTERY PPVs

WORKS WITH DEWALT

Dual 9.0Ah, 12.0Ah and 15.0Ah
FLEXVOLT batteries



MILWAUKEE

M18 XC 8.0Ah or HD 12.0Ah batteries
M28 XC 3.0Ah or XC 5.0Ah batteries (upon request)



MAKITA

XGT 4.0Ah, 5.0Ah or 8.0Ah batteries



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






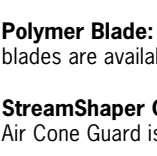

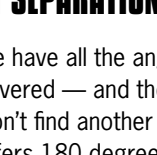
Watch us throw a battery fan off a building!
bit.ly/torture-test-video

YOU PICK THE BATTERY PLATFORM. WE'LL BRING THE FAN ...

Super Vac is proud to have aligned itself with some of the most trusted and widely used battery platforms on the market, making Super Vac's battery fans compatible with your other battery-operated tools. The Super Vac 16", 18" and 20" variable-speed battery fans, which operate with your choice of DeWalt®, Milwaukee® or Makita® batteries, are the most compatible PPVs on the market. Gone are the days of expensive, hard-to-source batteries that take more than half a day to charge. Finally, the industry can turn to a fan with trusted battery names that pair with Super Vac's dependable history.

See next page for specs

KEY FAN FEATURES

- **Compact, Roll-Cage Aluminum Frame:** Features one of the most compact, lightweight PPV designs
- **Curved Handle:** Folds into the frame of our 16" (-WH models), 18" or 20" models for compact storage; curved design provides higher grip for better ergonomics
- **Flat-Proof Rubber Tires with Stair Skid Plates:** Creates a highly maneuverable 16" (-WH models), 18" or 20" fan; easy for all firefighters to position without bending over
- **Polymer Blade:** Minimizes weight; cast aluminum blades are available by request
- **StreamShaper Guard:** Allows flexible setback; Air Cone Guard is available by request
- **Standard Shore Power:** 120-240V AC operation is standard (with optional delete)

The 20" — Maximum output!

20"

The 18" — Made to maneuver

18"

16"

The 16" — Also available with handle and wheels!
Add -WH to model to upgrade to Wheel/Handle design

**5-YEAR
WARRANTY**

3-YEAR WARRANTY
ON MOTOR

180° OF SEPARATION

We have all the angles of attack covered — and then some. You won't find another battery fan that offers 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

SPECIFICATIONS

*The listed ratings are based on tests and procedures in accordance with AMCA Standard 240-22. All other outputs in this chart 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. The new test reflects improved variables, including a smaller doorway (to match international standards), constant power supply (since battery power drops over time) and documentation of battery runtimes (to assure accuracy). These variables deliver more accurate, yet lower airflows compared to identical fans tested to the old AMCA 240-16 standard.



DEWALT FLEXVOLT BATTERY PLATFORM								
Models	Size	Weight with Batteries	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 Standard 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 Standard 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 Standard 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

DeWalt batteries required in pairs.



MILWAUKEE M18 FORGE BATTERY PLATFORM								
Models	Size	Weight with Batteries	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 Standard 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 Standard 120-240V AC	XC 8.0Ah (2) - 36 minutes HD 12.0Ah (2) - 53 minutes	15 ft 4.6 m	10°	8,084 cfm* 13,735 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 Standard 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 with Batteries	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

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



MAKITA XGT BATTERY PLATFORM								
Models	Size	Weight with Batteries	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 Standard 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 Standard 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 Standard 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

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

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

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. Conservative run times are based on humidity, temperature, elevation and battery condition with a pair of batteries inserted.

ACCESSORIES

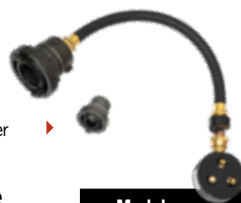
DeWalt, Milwaukee and Makita batteries and chargers also available.



Magnetic Mountain Mister

*Available with optional Storz Adapter

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!



Model	Pairs With
MM-MAG	Battery PPVs or any PPVs with StreamShaper Guards



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
TM16	16" Battery PPVs
TM16-WH	16" -WH Battery PPVs
TM18	18" Battery PPVs
TM20	20" 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
HGX-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.



VALOR Aluminum Frame

- 1 **Full Roll-Cage Aluminum Frame:** Features a tough, tubular aluminum frame; delivers a lightweight design (15% lighter than steel frames)
- 2 **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
- 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 and curbs easily
- 5 **Single-Piece Cast Aluminum Blade:** Holds up better than plastic in high heat
- 6 **Precision-Spun Steel Shroud:** Provides durability with maximum airflow
- 7 **StreamShaper Guard:** Standard guard, designed for farther setback; Air Cone Guard available by request
- 8 **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	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	Bluffton, single speed, 1HP, 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-ES	20"	82 lbs 37 kg	26.5" x 25" x 21.5" 675 x 635 x 550 mm	Bluffton, single speed, 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

UL-LISTED EXPLOSION-PROOF MOTOR

Model	Size	Weight	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	Bluffton, 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	Bluffton, 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-RATED MOTOR

Model	Size	Weight	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	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





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

STANDARD MOTOR

Model	Size	Weight	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	Bluffton, single speed, 1HP, 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-E2	18"	82 lbs 37 kg	22" x 23.5" x 19.5" 560 x 600 x 500 mm	Bluffton, single speed, 1HP, 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-E2	20"	88 lbs 40 kg	25.5" x 26" x 19.5" 650 x 660 x 500 mm	Bluffton, single speed, 1HP, 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-E2	24"	104 lbs 47.5 kg	28" x 29.5" x 21" 710 x 750 x 535 mm	Bluffton, single speed, 1HP, 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

UL-LISTED EXPLOSION-PROOF MOTOR

Model	Size	Weight	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	Bluffton, 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	Bluffton, 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	Bluffton, 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	Bluffton, 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-RATED MOTOR

Model	Size	Weight	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	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

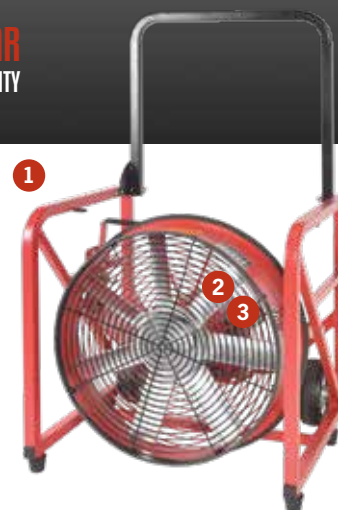
VANGUARD ENGINE BY BRIGGS & STRATTON

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 **ALL-NEW** 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

Models	Size	Weight*	HxWxD Dimensions	Motor	Runtime at Max Airflow	Setback	Output
P164-BD	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.

MILWAUKEE BATTERY PLATFORM

Models	Size	Weight*	HxWxD Dimensions	Motor	Runtime at Max Airflow	Setback	Output
P164-BL (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 (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.

MAKITA XGT BATTERY PLATFORM

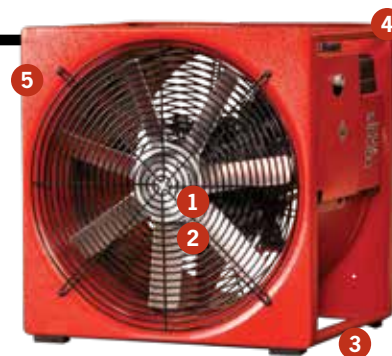
Models	Size	Weight*	HxWxD Dimensions	Motor	Runtime at Max Airflow	Setback	Output
P164-BK	16"	38 lbs 17.3 kg	25.5" x 18.875" x 9.75" 650 x 480 x 250 mm	Totally Enclosed Variable-Speed DC	4.0Ah (2) - 26 minutes 5.0Ah (2) - 34 minutes 8.0Ah (2) - 52 minutes	14 ft 4.3 m	6,700 cfm 11,380 cmh

* Weight = without batteries

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

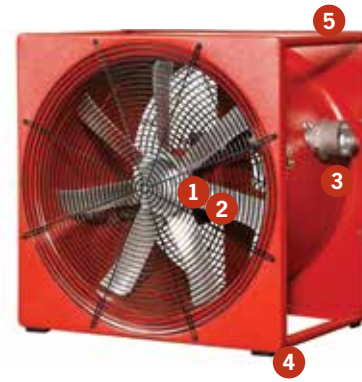
STANDARD MOTOR									
Model	Size	Weight	HxWxD Dimensions	Motor	RPM	Start	Run	Output	
P124S	12"	40 lbs 18 kg	15.5" x 15" x 13" 395 x 380 x 330 mm	Bluffton, single speed, TEAO, 1/2 HP, 50/60Hz, 115/230V AC	3,450	2,000 w 15-amp circuit	800 w	3,700 cfm 6,285 cmh	
P164S	16"	44 lbs 20 kg	19.25" x 18.75" x 13" 490 x 480 x 330 mm	Bluffton, 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	18"	40 lbs 18 kg	19.25" x 18.75" x 13" 490 x 480 x 330 mm	Bluffton, 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	Bluffton, 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	Bluffton, 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	Bluffton, 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	Bluffton, 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	Bluffton, 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	Bluffton, 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	Bluffton, 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	Bluffton, 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	Bluffton, 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

See Page 16-17 for Smoke Ejector Ducts and Adapters.

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	Bluffton, 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	Bluffton, 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	Bluffton, 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	Bluffton, 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	Bluffton, 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	Bluffton, 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	Bluffton, 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	Bluffton, 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	Bluffton, 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	Bluffton, 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	Bluffton, 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	Bluffton, 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 16-17 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
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
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 21 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 17) 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

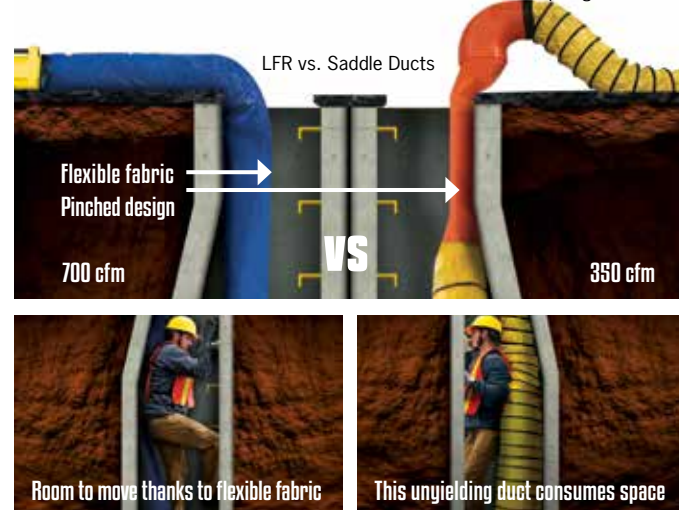
Featuring an all-new inherently arc and flame resistant ballistic fabric, Super Vac's Nano Series LFR-BF L-shaped duct delivers one of the safest, most compact hoses. Patent pending!



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.

FOAM AND MIST GENERATORS

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.



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 and 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



Pictured above: MM

Model	Pairs With
MM	Cone Guard PPVs / Smoke Ejectors

Model	Pairs With
MM-MAG	StreamShaper Guards

*Available with optional Storz Adapter



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.

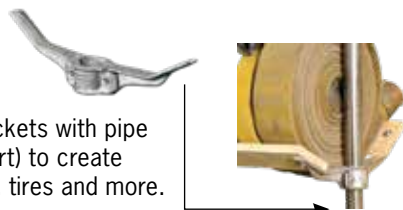


STORAGE

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".



ENVIRONMENTAL CONTROL

Rapid Tent and HeatPac 25

The Rapid Tent deploys in less than 1 minute, providing shelter for long scenes. Units can combine to double space and features a front/rear door. Featuring an 8" blower, the CGA-approved HeatPac25 connects to propane to provide warmth at a temperature rise of 80° F over ambient. The 25' duct delivers 70,000 BTUs of heat for 10 hours.

Model	Stowed / Deployed HxWxD		Space			
RT10X10RD	10' x 10' x 88" / 8.5' x 10' x 10'		100 sq. ft. of floor space + 7.5 ft. of headroom			
Model	Requirements	Height	Width	Depth	Weight	Output
HEATPAC 25	Propane 2 lbs./hour	15.25" 385 mm	33" 840 mm	13.5" 345 mm	50 lbs 23 kg	80° F of temp rise @ 500 cfm (850 chm)



LIGHT KIT

12-Watt Spot/Combo LEDs

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.

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



EXHAUST EXTENSION

10' Extension with optional Heat Shield

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

Model	Pairs With
EXHAUST EXTENSION	Gas PPVs
HEAT SHIELD	Gas PPVs

SMOKE MACHINES

Choose from the mineral-based Super Vac Cloud 9, capable of quickly producing large amounts of training smoke without leaving a slippery residue, or the glycol-based London Fogger, featuring a lightweight design and 50' remote/extension cord.



S-975

Mineral Oil Based (Requires Super Vac Cloud 9 Fluid)

Model	Weight	HxWxD	Outlets	Power Requirements	Fluid Tank	Fluid Consumption	Output
S-975	132 lbs 60 kg	28" x 28.5" x 20.5" 710 x 725 x 520 mm	1	110V AC - 1,400 W	0.67 gal - 2.5 L	.33 gph 1.25 L /hr	2,500 cfm 4,250 cmh
S-985	132 lbs 60 kg	28" x 28.5" x 20.5" 710 x 725 x 520 mm	1	230V AC - 1,400 W	0.67 gal - 2.5 L	.33 gph 1.25 L /hr	2,500 cfm 4,250 cmh
S-995	132 lbs 60 kg	28" x 28.5" x 20.5" 710 x 725 x 520 mm	2	230V AC - 1,400 W	0.67 gal - 2.5 L	.66 gph 3.79 L /hr	5,000 cfm 8,495 cmh

Additional Components:

Oil-Based Fluid 6x0.6-Gal. Bottles (Model S-900); Oil-Based Fluid 55-Gal. Drum (Model S-905); Gas Regulator (Model S-921); 16" Gas Hose (Model S-925); 100-ft. Remote Control Extension (Model S-939)



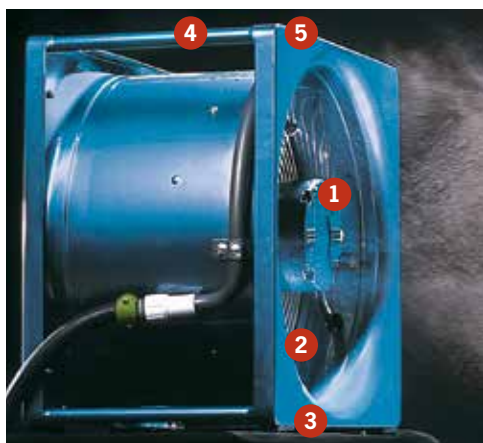
S-575

Glycol Based (Requires Super Vac London Fogger Fluid)

Model	Weight	HxWxD	Outlets	Power Requirements	Warm-Up Time	Fluid Consumption	Output
S-575	26 lbs 12 kg	10" x 20" x 9" 255 x 510 x 230 mm	1	115V AC - 1,400 W	10 min	35 oz/hr 1,035 ml /hr	1,800 cfm 3,060 cmh
S-585	26 lbs 12 kg	10" x 20" x 9" 255 x 510 x 230 mm	1	230V AC - 1,400 W	10 min	35 oz/hr 1,035 ml /hr	1,800 cfm 3,060 cmh
S-595	26 lbs 12 kg	10" x 20" x 9" 255 x 510 x 230 mm	2	230V AC - 1,400 W	10 min	70 oz/hr 2,070 ml /hr	3,600 cfm 6,115 cmh

Additional Components:

GLYCOL-Based Fluid 6x0.6-Gal. Bottles (Model S-500); Oil-Based Fluid 55-Gal. Drum (Model S-505); 500-ft. Remote Control Extension (Model S-935)



MISTER FAN

Designed for rehab, the F164M is a 16" single-speed electric fan with three built-in misting nozzles on the discharge side of the fan. As powerful as the Super Vac P164S Smoke Ejector, this fan can double as a smoke ejector.

- ① (3) **Built-In Misting Nozzles:** Only requires 2 gallons of water per hour via any garden hose or auxiliary line; design reduces ambient air stream by 30° F; nozzle made of brass, prevents rust
- ② **Patented 4-Tip Recurved Aluminum Blade:** Creates a tight spiral of air to eject smoke and fumes away from the building; aluminum holds up better than plastic in high heat
- 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 **Aluminum Frame Design:** Prevents rust, reduces weight

Model	Weight	HxWxD	Motor	RPM	Start	Run	Output
F164M	41 lbs 18.5 kg	19.75" x 18.75" x 13" 500 x 480 x 330 mm	Bluffton, single speed, TEAO, 1/3 HP, 50/60Hz, 115/230V	1,725	2,000 w 15-amp circuit	700 w	5,200 cfm 8,835 cmh

LARGE-SCALE VENTILATION



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

**1-YEAR
WARRANTY**



SVU

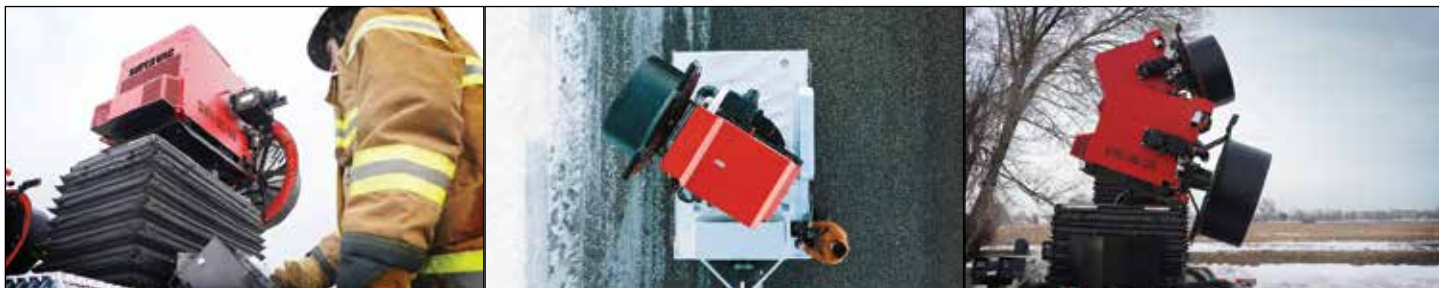
The SVU is the most versatile, large-scale positive pressure ventilator in the industry. With a wide array of configurations, this PPV is perfect for ventilating airport terminals, large warehouses, commercial structures, high-rise buildings and mass rehabilitation areas.

1 6-Point Carbon Fiber Blade:

48" (1,219 mm) in diameter

2 Choice of Direct-Drive Engine:

- ◊ Kubota 3.8L 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	2,450	200,000 cfm 339,800 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 3.8L Gas	3.5L	2,600	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

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.

- 1 6-Point, 48" Diameter Carbon Fiber Blade:**
Produces 200,000 cfm
- 2 Kubota 3.8 Direct-Drive Gas Engine:**
 - Performance: 87 HP (65kw)
 - Fuel Consumption: 8 gph (30L/hr)
 - Fuel Tank Capacity: 18 g (68 L)
- 3 Electric Turntable:**
Rotates fan up to 270 degrees
- 4 Scissor Lift:**
Allows for +/- 20-degree up-and-down tilt
- 5 Opposing Fold-Down Side Doors:**
Provides access to additional storage, allowing roll-down access for additional fans or equipment
- 6 Ford F-450 4x2 flatbed chassis:**
Turns the SVU into a mobile unit
- 7 Onan Protec PTO Generator:**
Adds 15,000-watts of surplus energy to power additional fans, lighting or equipment



UNMANNED MISTING TURBINES



Learn more about these robotic fans and see them in action at bit.ly/unmanned-turbines

Introducing Super Vac's large industrial fan by EmiControls with water mist system, which atomizes water and extinguishing foam into a fine mist before propelling up to 300 feet with Quadrijet nozzles and turbine propeller. EmiControls advanced remote control adds another 1,000 feet of distance from the hazard, making these turbines the most ultimate unmanned firefighting fans on the market.



TAF60X

MFT35H

TAF35

Model	Type	Output	Throwing Distance	Water Flow
MFT35H	Turntable	35,000 cfm 59,000 cmh	250 ft 75 m	1,000 gpm 3,785 L /min
TAF60X	Mobile	35,000 cfm 59,000 cmh	300 ft 90 m	1,500 gpm 5,678 L /min
TAF35	Mobile	35,000 cfm 59,000 cmh	300 ft 90 m	1,250 gpm 4,732 L /min



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.



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
724BCB	86 lbs 39 kg	1 HP, Variable-Speed DC; available with DeWalt, Makita or Milwaukee batteries







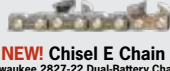





BATTERY-POWERED CHAINSAW CONVERSION KIT

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.)



supervac.com

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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 0325 ©2025 Super Vac