

# SUPERVAC



Time Tested, Firefighter Proven

[supervac.com](http://supervac.com)

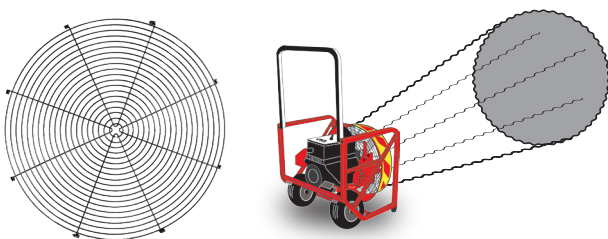
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## Super Vac's Air Cone Guard

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 6'
- ◊ 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

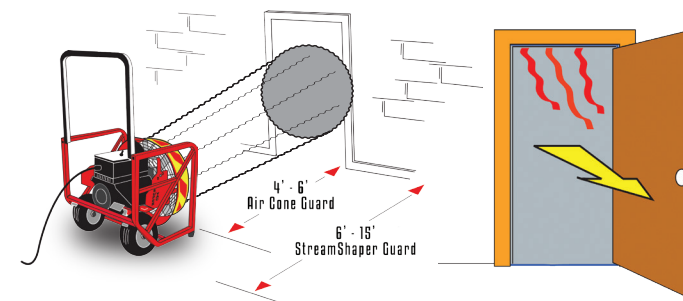
The StreamShaper Guard has a narrower air stream, which creates more pressure in front of the fan shroud, ideal for departments that need a precise airflow, usually in high-rise buildings and floorplans with numerous small rooms. This guard can be set farther from the building entrance, leaving more 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 15'
- ◊ 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, back with a 5-year warranty



## Single-Fan Attack

The Air Cone Guard should be set back 4-6' away from the door; the StreamShaper Guard should be set back 6-15'. During positive pressure operations, do not locate the fan directly in the doorway to keep the ingress/egress route clear. Firefighters should avoid standing in the doorway, which blocks airflow.

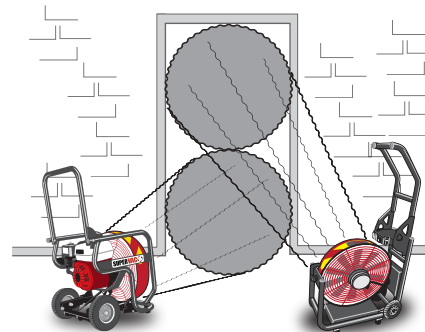
The SmokeBlockAid (Page 22) can also be hung in the doorway to control oxygen to the fire.

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

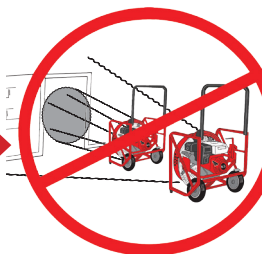


## Doorway V-Attack

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.

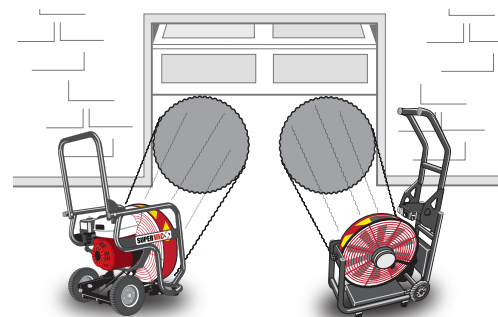


Older fan methods, like a Series Attack, are not as effective as parallel methods.



## 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.



## Extension Cords

Extension cords work in much the same way as a fire hose — the longer the extension cord, the less voltage at its workable end. Simply put, 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 issue, use extension cords with heavier wires, which conduct more electricity and result in lower voltage drop. Note: An undersized cord can cut the smoke ejector's performance below motor nameplate specifications.

SUPER VAC HP	STARTING WATTAGE REQUIRED	MAXIMUM CABLE EXTENSION LENGTHS									
		Feet	25	50	100	150	200	250	300	350	
1/3"	1	2000	14 GA								
	1/2"	1	2000	14 GA							
		2	4000	12 GA							
1"	3	6000	10 GA								
	2	8000	8 GA								
		4	12000	6 GA							
1 1/2"	1	6000	10 GA								
	2	12000	8 GA								
		4	18000	6 GA							

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

WARNING: Never exceed cable extension lengths. Always use required wire gauge. Never use reeled or coiled cable. Power supply must handle wattage requirements.



## Cord Reels

Care must be taken when using cord reels to power portable electric equipment. 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. If the cord size and length are nearing recommended limits (above), pull the entire length of cord off the reel OR replace with a larger cord.

**PATENT PENDING**

## THE INDUSTRY'S MOST VERSATILE BATTERY FAN

Never in firefighter history has one battery fan worked together with your department's other battery-operated tools. Introducing the all-new Super Vac 18" variable-speed battery fan, equipped with dual DeWalt batteries, making this rugged yet compact fan the most versatile PPV interface on the market. Finally, the industry can turn to a fan with a trusted battery name that pairs with Super Vac's dependable history.

Available late summer of 2019: The V18-BL Milwaukee M18 system.



**DEWALT**

### Available Accessories

- Batteries
- Chargers
- Duct
- Door Bar
- Carry Strap
- Mountain Mister
- Truck Mount
- Foam Adapter

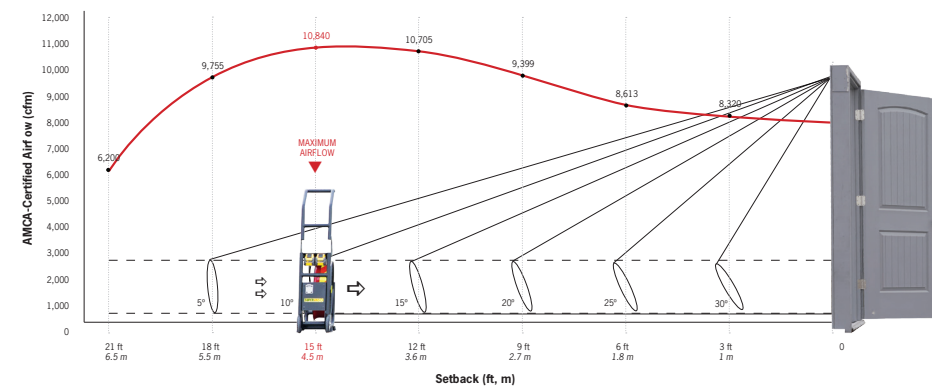
### Key features:

- 1 Compact, Roll-Cage Frame:** Features one of the most compact, lightweight designs with this aluminum frame
- 2 Polymer Blade:** Minimizes weight; a single-piece cast aluminum blade is available by request
- 3 Curved Handle:** Folds into the frame for compact storage; curved design provides higher grip for better ergonomics
- 4 Stream Shaper Guard:** Allows flexible setback; Air Cone Guard is available by request
- 5 Standard Flat-Proof Rubber Tires:** Highly maneuverable; easy for tall firefighters to position the fan without bending over
- 6 Optional Shore Power:** 120-240V AC operation is available upon request

**5-YEAR WARRANTY**

3-YEAR WARRANTY ON MOTOR/BATTERIES

V18-BD certified airflow at various setback distances



\* Run time based on battery selection

## AMCA-CERTIFIED AIRFLOW PLUS, UP TO 45 MINUTES OF RUN TIME\*

Unlike other brands, we back our numbers with true third-party testing. The ratings below are based on tests in accordance with the Air Movement Control Association (AMCA Standard 240). You'll find the V18-BD proudly listed on AMCA's website at [bit.ly/PPV-AMCA-certification](http://bit.ly/PPV-AMCA-certification).

### 16" Blades - H x W x D: 23.75" x 22.50" x 11.75" - 591 mm x 572 mm x 298 mm

Models	Weight With Batteries**	Motor	Setback For Output Rating	Angle For Output Rating	Output
V16-BD (DeWalt)	34 lbs 15 kg	Variable-Speed DC with Optional 120-240V AC	15 ft 4.6 m	10°	9,200 cfm 15,632 cmh

The 16" - Only 34 lbs!

### 18" Blades - H x W x D: 25.75" x 25.75" x 11.75" - 654 mm x 654 mm x 298 mm

Models	Weight With Batteries**	Motor	Setback For Output Rating	Angle For Output Rating	Output
V18-BD (DeWalt)	46 lbs 21 kg	Variable-Speed DC with Optional 120-240V AC	15 ft 4.6 m	10°	10,840 cfm 18,417 cmh



The 18" - Extremely maneuverable

\*AC (shore power) needed to run the fan = 1 kW \*\* Weight is without shore power

### Battery Options

Battery Type	Run Time At Max Airflow
Standard Battery DeWalt FLEXVOLT 9.0Ah (2)	35 minutes (With built-in battery gauge)
Optional Battery DeWalt FLEXVOLT 12.0Ah (2)	45 minutes (With built-in battery gauge)

Up to 45 minutes run time, depending on battery selection. 120V MAX is based on using 2 DEWALT 60V MAX\* lithium-ion batteries combined. Optional 120-240V AC operation is available upon request. \*\*\*Batteries required in pairs.

## 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

## VALOR

The Valor Series is the latest in Super Vac PPV innovations. Featuring a patent-pending frame design that is simple and intuitive to position on the fireground, the Valor series is engineered to ease the toughest ventilation challenges.

5-YEAR WARRANTY



### Frame Features

- 1 **Full-Roll Cage Frame:** Features a tough, tubular aluminum frame to protect key components; delivers a lightweight design (15% lighter than steel frames)
- 2 **7-Position Tilt Frame with Step Pad:** Provides positive/negative angles; allows for fan placement on stairs; allows tall firefighters to easily move fan
- 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; tires are placed on the back of the frame so that firefighters never have to put themselves between the PPV and the fire during setup

### Fan Features

- 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:** Ratings listed below are based on tests in accordance with Air Movement Control Association (AMCA publication 240) and comply with the AMCA certified ratings program

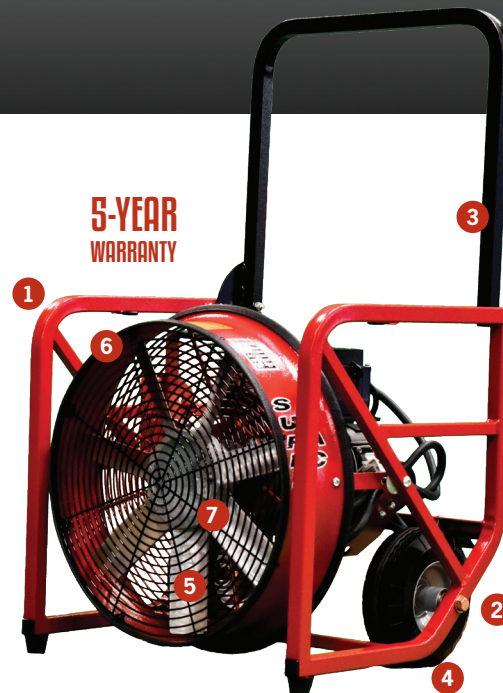


## 18" Blades - H x W x D: 23.5" x 22" x 21" - 600 mm x 560 mm x 535 mm

Model	Weight	Motor	RPM	Start	Run	Setback	Angle	Output
V18-ES	80 lbs 36.5 kg	Bluffton, single speed, 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
V18-EX	90 lbs 41 kg	Bluffton, single speed – hazardous location 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
V18-EV	84 lbs 38 kg	RAE, TEAO variable speed, 1 HP, 50/60Hz, 115/230V AC	2,368	2,000 w 15-amp circuit	1,500 w	9 ft 2.7 m	11.5°	11,709 cfm 19,894 cmh

## 20" Blades - H x W x D: 26.5" x 25" x 21.5" - 675 mm x 635 mm x 550 mm

Model	Weight	Motor	RPM	Start	Run	Setback	Angle	Output
V20-ES	82 lbs 37 kg	Bluffton, single speed, 1 HP, 50/60Hz, 115/230V	1,758	4,000 w 15-amp circuit	1,500 w	9 ft 2.7 m	10°	9,007 cfm 15,302 cmh
V20-EX	92 lbs 42 kg	Bluffton, single speed – hazardous location 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
V20-EV	86 lbs 39 kg	RAE, TEAO variable speed, 1 HP 50/60Hz, 115/230V AC	3,131	2,000 w 15-amp circuit	1,500 w	9 ft 2.7 m	11°	13,788 cfm 23,426 cmh



5-YEAR WARRANTY

## 7 SERIES

Featuring a durable steel-frame, roll-cage design with 4-position tilt, this PPV has proven itself over the years.

### Features

- 1 **Full Roll-Cage Frame:** 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

## 16" Blades - H x W x D: 20" x 20.5" x 16" - 508 mm x 521 mm x 406 mm

Model	Weight	Motor	RPM	Start	Run	Setback	Angle	Output
716-E2	68 lbs 31 kg	Bluffton, single speed, 1 HP, 50/60Hz, 115/230V	1,750	4,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	5,890 cfm 10,007 cmh
716-EXP	78 lbs 35.5 kg	Bluffton, single speed – hazardous location 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
716-EVS	72 lbs 33 kg	RAE, TEAO, variable speed, 1 HP, 50/60Hz, 115/230V AC	2,500	2,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	9,950 cfm 16,900 cmh

## 18" Blades - H x W x D: 22" x 23.5" x 19.5" - 559 mm x 597 mm x 495 mm

Model	Weight	Motor	RPM	Start	Run	Setback	Angle	Output
718-E2	82 lbs 37 kg	Bluffton, single speed, 1 HP, 50/60Hz, 115/230V	1,750	4,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	6,378 cfm 10,836 cmh
718-EXP	92 lbs 42 kg	Bluffton, single speed – hazardous location 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
718-EVS	86 lbs 39 kg	RAE, TEAO, variable speed, 1 HP, 50/60Hz, 115/230V AC	2,400	2,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	10,744 cfm 18,254 cmh

## 20" Blades - H x W x D: 25.5" x 26" x 19.5" - 648 mm x 660 mm x 495 mm

Model	Weight	Motor	RPM	Start	Run	Setback	Angle	Output
720-E2	88 lbs 40 kg	Bluffton, single speed, 1 HP, 50/60Hz, 115/230V	1,750	4,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	9,007 cfm 15,302 cmh
720-EXP	98 lbs 45 kg	Bluffton, single speed – hazardous location 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
720-EVS	92 lbs 42 kg	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°	13,788 cfm 23,426 cmh

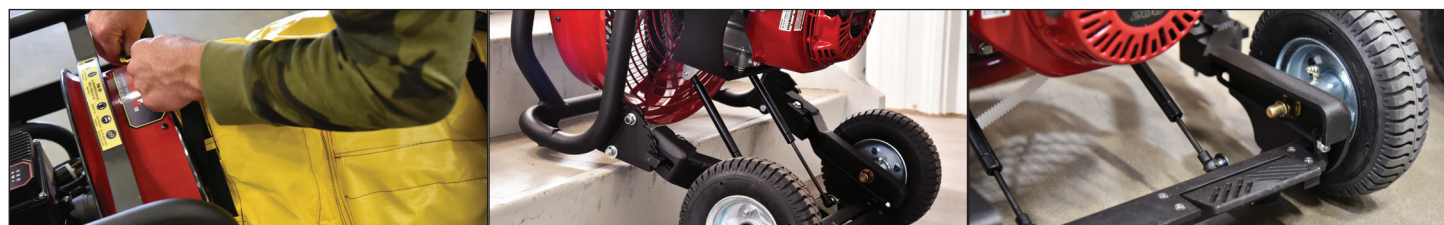
## 24" Blades - H x W x D: 28" x 29.5" x 21" - 711 mm x 749 mm x 533 mm

Model	Weight	Motor	RPM	Start	Run	Setback	Angle	Output
724-E2	104 lbs 47.5 kg	Bluffton, single speed, 1 HP, 50/60Hz, 115/230V	1,750	4,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	13,320 cfm 22,630 cmh
724-EXP	114 lbs 52 kg	Bluffton, single speed – hazardous location 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
724-EVS	108 lbs 49 kg	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°	16,370 cfm 27,815 cmh

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

## VALOR

The Valor Series is the latest in Super Vac PPV innovations. Featuring a patent-pending frame design that is simple and intuitive to position on the fireground, the Valor series is engineered to ease the toughest ventilation challenges.



### 18" Blades - H x W x D: 23.5" x 22" x 21" - 600 mm x 560 mm x 535 mm

Model	Weight	Engine	Displacement	RPM	Setback	Angle	Output
V18-GX	84 lbs 38 kg	Honda GX200	196 cc	3,535	6 ft 1.8 m	14°	15,168 cfm 25,770 cmh
V18-GC	76 lbs 35 kg	Honda GC160	160 cc	3,360	6 ft 1.8 m	11°	13,223 cfm 22,466 cmh
V18-GB	84 lbs 38 kg	Vanguard by Briggs & Stratton	205 cc	3,500	6 ft 1.8 m	12°	14,342 cfm 24,367 cmh

### 20" Blades - H x W x D: 26.5" x 25" x 21.5" - 675 mm x 635 mm x 550 mm

Model	Weight	Engine	Displacement	RPM	Setback	Angle	Output
V20-GX	86 lbs 39 kg	Honda GX200	196 cc	3,350	6 ft 1.8 m	12°	18,182 cfm 30,891 cmh
V20-GC	78 lbs 35 kg	Honda GC160	160 cc	3,185	6 ft 1.8 m	13°	15,499 cfm 26,248 cmh
V20-GB	86 lbs 39 kg	Vanguard by Briggs & Stratton	205 cc	3,300	6 ft 1.8 m	12°	17,064 cfm 28,991 cmh

#### Frame Features

- 1 Full-Roll Cage Frame:** Features a tough, tubular aluminum frame to protect key components; delivers a lightweight design (15% lighter than steel frames)
- 2 7-Position Tilt Frame with Step Pad:** Provides positive/negative angles; allows for fan placement on stairs; allows tall firefighters to easily move fan
- 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; tires are placed on the back of the frame so that firefighters never have to put themselves between the PPV and the fire during setup

#### Fan Features

- 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 StreamShaper Guard:** Standard guard, designed for farther setback; Air Cone Guard available by request
- 8 AMCA-Certified Airflow:** Ratings listed below are based on tests in accordance with Air Movement Control Association (AMCA publication 240) and comply with the AMCA certified ratings program



**5-YEAR WARRANTY**



## 7 SERIES

Featuring a durable steel-frame, roll-cage design with 4-position tilt, this PPV has proven itself for decades.

### 16" Blades - H x W x D: 20" x 20.5" x 16" - 508 mm x 521 mm x 406 mm

Model	Weight	Engine	Displacement	RPM	Setback	Angle	Output
716G4-H	74 lbs 34 kg	Honda GX120	118 cc	3,530	6 ft 1.8 m	18°	11,740 cfm 19,945 cmh
716GC	70 lbs 32 kg	Honda GC160	160 cc	3,775	6 ft 1.8 m	18°	10,230 cfm 17,380 cmh
716G4-B	68 lbs 31 kg	Briggs & Stratton	127 cc	3,450	6 ft 1.8 m	18°	9940 cfm 16,890 cmh

### 18" Blades - H x W x D: 22" x 23.5" x 19.5" - 559 mm x 597 mm x 495 mm

Model	Weight	Engine	Displacement	RPM	Setback	Angle	Output
718G4-H	86 lbs 39 kg	Honda GX200	196 cc	3,535	6 ft 1.8 m	18°	15,168 cfm 25,770 cmh
718GC	78 lbs 35.5 kg	Honda GC160	160 cc	3,360	6 ft 1.8 m	18°	13,223 cfm 22,466 cmh
718G4-B	84 lbs 38 kg	Vanguard by Briggs & Stratton	205 cc	3,770	6 ft 1.8 m	18°	14,860 cfm 25,247 cmh

### 20" Blades - H x W x D: 25.5" x 26" x 19.5" - 648 mm x 660 mm x 495 mm

Model	Weight	Engine	Displacement	RPM	Setback	Angle	Output
720G4-H	96 lbs 44 kg	Honda GX200	196 cc	3,350	6 ft 1.8 m	18°	18,182 cfm 30,891 cmh
720GC	88 lbs 40 kg	Honda GC160	160 cc	3,185	6 ft 1.8 m	18°	15,499 cfm 26,248 cmh
720G4-B	94 lbs 43 kg	Vanguard by Briggs & Stratton	205 cc	3,385	6 ft 1.8 m	18°	17,235 cfm 29,282 cmh

### 24" Blades - H x W x D: 28" x 29.5" x 21" - 711 mm x 749 mm x 533 mm

Model	Weight	Engine	Displacement	RPM	Setback	Angle	Output
724G4-H	134 lbs 61 kg	Honda GX270	270 cc	3,435	6 ft 1.8 m	18°	20,920 cfm 35,545 cmh
724G4-B	120 lbs 55 kg	Vanguard by Briggs & Stratton	306 cc	3,245	6 ft 1.8 m	18°	21,100 cfm 35,850 cmh

### 30" Blade - H x W x D: 39" x 37" x 27.5" - 991 mm x 940 mm x 699 mm

Model	Weight	Engine	Displacement	RPM	Setback	Angle	Output
730G4-H	163 lbs 74 kg	Honda GX390	389 cc	3,220	6 ft 1.8 m	10°	26,849 cfm 45,616 cmh

#### Features

- 1 Full-Roll Cage Frame:** 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

**5-YEAR WARRANTY**



# WATER TURBINE PPVs

## WT SERIES

Water turbine motors power these positive pressure ventilation fans. These units run without the use of electricity or gasoline, making them great in explosive locations with unknown gases.

**5-YEAR WARRANTY**



- 1 **4-Position Tilt Frame with Step Brake:** Provides -10°, 0°, 10°, 20°
- 2 **Cast Aluminum Blade:** Holds up better than plastic in high heat
- 3 **Air Cone Guard:** Provides max airflow; StreamShaper Guard optional

### 16" Blades - H x W x D: 20" x 20.5" x 16" - 508 mm x 521 mm x 406 mm

Model	Weight	Power	Consumption	Output
716WT	70 lbs 32 kg	5.5 HP water turbine 100-250psi	65 gpm	12,900 cfm 21,920 cmh

### 18" Blades - H x W x D: 21.75" x 22.5" x 18.75" - 552 mm x 575 mm x 476 mm

Model	Weight	Power	Consumption	Output
718WT	76 lbs 34.5kg	5.5 HP water turbine 100-250psi	65 gpm	16,830 cfm 28,595 cmh

### 20" Blades - H x W x D: 25.5" x 25.5" x 18.75" - 648 mm x 648 mm x 476 mm

Model	Weight	Power	Consumption	Output
720WT	78 lbs 35.5 kg	5.5 HP water turbine 100-250psi	65 gpm	19,650 cfm 33,385 cmh

### 24" Blades - H x W x D: 27.75" x 29" x 21" - 705 mm x 737 mm x 533 mm

Model	Weight	Power	Consumption	Output
724WT	88 lbs 40 kg	12 HP water turbine 100-250 psi	130 gpm	22,470 cfm 38,175 cmh

### 30" Blades - H x W x D: 39" x 37" x 27.5" - 991 mm x 940 mm x 700 mm

Model	Weight	Power	Consumption	Output
730WT	102 lbs 46.5 kg	12 HP water turbine 100-250 psi	130 gpm	24,800 cfm 42,135 cmh

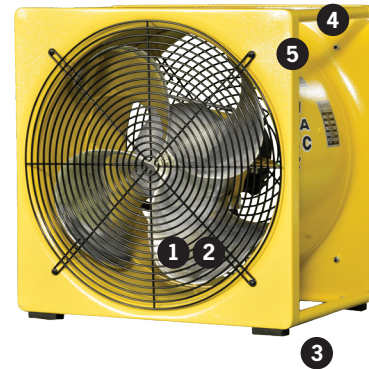
# CONFINED SPACE PPVs

## F SERIES

**5-YEAR WARRANTY**

Super Vac's F Series confined space ventilators provide unmatched durability. The entire frame is constructed of steel, and the patented 4-tip recurve aluminum blade is precision balanced for maximum output. Available motors: single speed, single high speed, variable speed and pneumatic.

- 1 **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
- 2 **Precision-Balanced Blade:** Maximizes output
- 3 **Heavy-Duty Rubber Feet:** Friction keeps 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



### 12" Blades - H x W x D: 15.5" x 15" x 13" - 394 mm x 381 mm x 330 mm \* Af and Vf models add 5" (127 mm) to Height

Model	Weight	Motor	RPM	Start	Run	Output
F124	40 lbs 18 kg	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
HF124	40 lbs 18 kg	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
F124E	42 lbs 19 kg	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
HF124E	42 lbs 19 kg	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
VF124	40 lbs 18 kg	RAE, 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
AF124	39 lbs 18 kg	Pneumatic, 1/2 HP	2,000	80 PSI - 27 cfm		3,800 cfm 6,455 cmh

### 16" Blades - H x W x D: 19.25" x 18.75" x 13" - 489 mm x 477 mm x 330 mm \* Af and Vf models add 5" (127 mm) to Height

Model	Weight	Motor	RPM	Start	Run	Output
F164	44 lbs 20 kg	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
HF164	59 lbs 27 kg	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
F164E	49 lbs 22 kg	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
HF164E	63 lbs 28.5 kg	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
VF164	52 lbs 23.5 kg	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
AF164	45 lbs 20.5 kg	Pneumatic, 1-1/2 HP	3,600	100 PSI - 75 cfm		9,600 cfm 16,310 cmh

### 20" Blades - H x W x D: 25.5" x 24.75" x 16.25" - 648 mm x 629 mm x 413 mm \* Af and Vf models add 5" (127 mm) to height

Model	Weight	Motor	RPM	Start	Run	Output
F200	85 lbs 38.5 kg	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
F200E	93 lbs 42 kg	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
VF200	88 lbs 40 kg	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
AF200	60 lbs 27 kg	Pneumatic, 1-1/2 HP	3,600	100 PSI - 75 cfm		9,800 cfm 16,650 cmh

### 24" Blades - H x W x D: 28.5" x 28" x 18.75" - 724 mm x 711 mm x 477 mm \* Af model adds 5" (127 mm) to height

Model	Weight	Motor	RPM	Start	Run	Output
F244	110 lbs 50 kg	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
F244E	115 lbs 52 kg	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
AF244	105 lbs 48 kg	Pneumatic, 5 HP, 50/60Hz	2,250	100 PSI - 100 cfm		14,200 cfm 24,125 cmh

## 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**

### 8" Blades - H x W x D: 11.5" x 10.75" x 16" - 292 mm x 273 mm x 406 mm

Model	Weight	Motor	Output	Nano Pacs
P8S	20 lbs 9 kg	1/3 HP, TEAO (Totally Enclosed Air Over), 60Hz, 115V AC	1,037 cfm 1,760 cmh	Available as kit with 15' or 25' standard duct
P8XE	22 lbs 10 kg	1/3 HP, hazardous location rated for Class 1 Group D, 60Hz, 115C AC	1,037 cfm 1,760 cmh	Available as kit with 15' or 25' conductive duct

\* Available in 50Hz, 220V by adding "-220" to model number

See Page 18-19 for confined space ducts.

# SMOKE EJECTORS

## ELECTRIC

The Super Vac Smoke Ejector provides a versatile ventilation option. This box-shaped fan pulls smoke from a structure using negative pressure but can be flipped around for positive pressure tactics. Smoke ejectors are most effective when working with natural airflow and not against Mother Nature.

### Features

- 1 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
- 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



**5-YEAR WARRANTY**

### 12" Blades - H x W x D: 15.5" x 15" x 13" - 394 mm x 381 mm x 330 mm

Model	Weight	Motor	RPM	Start	Run	Output
P124S	40 lbs 18 kg	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
P124SE	42 lbs 19 kg	Bluffton, single speed, hazardous location rated for Group 1 Class D, 1/2 HP, 60Hz, 115/230V	3,450	2,000 w 15-amp circuit	800 w	3,700 cfm 6,285 cmh

### 16" Blades - H x W x D: 19.25" x 18.75" x 13" - 489 mm x 477 mm x 330 mm

Model	Weight	Motor	RPM	Start	Run	Output
P164S	44 lbs 20 kg	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
HF164	59 lbs 27 kg	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
P164SE	49 lbs 22 kg	Bluffton, single speed, hazardous location rated for Group 1 Class 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
HF164E	63 lbs 28.5 kg	Bluffton, single speed, hazardous location rated Class 1 Group D, 1-1/2 HP, 60Hz, 115/230V AC	3,450	6,000 w 20-amp circuit	2,100 w	9,620 cfm 16,345 cmh

### 20" Blades - H x W x D: 25.5" x 24.75" x 16.25" - 648 mm x 629 mm x 413 mm

Model	Weight	Motor	RPM	Start	Run	Output
P200S	85 lbs 38.5 kg	Bluffton, single speed, TEAO, 1 HP, 60Hz, 115/230V AC	1,725	4,000 w 15-amp circuit	1,500 w	9,800 cfm 16,650 cmh
P200SE	93 lbs 42 kg	Bluffton, single speed, hazardous location rated for Group 1 Class 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

### 24" Blades - H x W x D: 28.5" x 28" x 18.75" - 724 mm x 711 mm x 477 mm

Model	Weight	Motor	RPM	Start	Run	Output
P244S	110 lbs 50 kg	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
P244SE	115 lbs 52 kg	Bluffton, single speed, hazardous location rated for Group 1 Class 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

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

## GAS

Among the smallest gas-powered fans in the industry, the 16" and 18" Super Vac Smoke Ejectors can fit into tight compartments and yet pack a cfm output that matches larger electrical smoke ejectors thanks to the powerful Honda GX engine.

- 1 Single-Piece Cast Aluminum Blade:** Holds up better than plastic in high heat
- 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



**5-YEAR WARRANTY**

### 16" Blade - H x W x D: 19.5" x 19" x 15.5" - 495 mm x 483 mm x 394 mm

Model	Weight	Engine	Displacement	RPM	Output
GP164S	55 lbs 25 kg	Honda GX120	118 cc	3,500	9,250 cfm 15,715 cmh
GP167S	58 lbs 27 kg	Honda GX160	163 cc	3,500	9,500 cfm 16,140 cmh

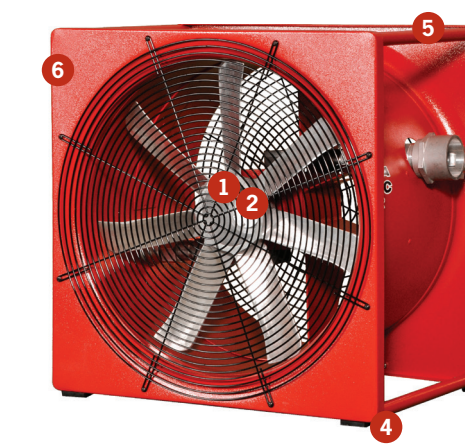
### 18" Blade - H x W x D: 23.5" x 23" x 16.5" - 600 mm x 584 mm x 419 mm

Model	Weight	Engine	Displacement	RPM	Output
GP187S	76 lbs 34 kg	Honda GX200QX	196 cc	3,507	10,551 cfm 17,926 cmh

## WT SERIES

Powered by water turbine motors, this Smoke Ejector runs without the use of electricity or gasoline, making it great in explosive locations with unknown gases.

- 1 Single-Piece Cast Aluminum Blade:** Holds up better than plastic in high heat
- 2 Precision-Balanced Blade:** Maximizes output
- 3 Fitting Sizes:** Standard with 1.5" NHT hose fitting; other sizes available as option
- 4 Heavy-Duty Rubber Feet:** Adds friction to keep fan in place
- 5 4 Carry Handles:** Makes transportation easy with one or two people
- 6 Front and Rear Guards:** Prevents accidental contact with key components



**5-YEAR WARRANTY**

### 12" Blades - H x W x D: 15.5" x 15" x 13" - 394 mm x 381 mm x 330 mm

Model	Weight	Power	Consumption	Output
P124WT	50 lbs 23 kg	5.5 HP Water Turbine - 100 - 250 PSI	65 gpm	4,300 cfm 7,305 cmh

### 16" Blades - H x W x D: 19.25" x 18.75" x 13" - 489 mm x 477 mm x 330 mm

Model	Weight	Power	Consumption	Output
P164WT	57 lbs 26 kg	5.5 HP Water Turbine - 100 - 250 PSI	65 gpm	9,950 cfm 16,905 cmh

### 20" Blades - H x W x D: 25.5" x 24.75" x 16.25" - 648 mm x 629 mm x 413 mm

Model	Weight	Power	Consumption	Output
P200WT	88 lbs 40 kg	5.5 HP Water Turbine - 100 - 250 PSI	65 gpm	10,800 cfm 18,350 cmh

### 24" Blades - H x W x D: 28.5" x 28" x 18.75" - 724 mm x 711 mm x 477 mm

Model	Weight	Power	Consumption	Output
P244WT	123 lbs 56 kg	5.5 HP Water Turbine - 100 - 250 PSI	65 gpm	14,200 cfm 24,125 cmh

# LARGE-SCALE OR SPECIALTY PPVs

## 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, large warehouses, commercial structures, high-rise buildings and mass rehabilitation areas.



SVU FEATURES ▶

### 48" Blade in Gas - H x W x D: 70" x 70" x 42" - 1,778 mm x 1,778 mm x 2,717 mm

Model	Weight*	Engine	Displacement	RPM	Setback	Angle	Output
Gas	1,540 lbs 703 kg	Subaru 2.5L 4 Cylinder	2.5L	4,200	30 ft 9 m	0°	250,000 cfm 424,750 cmh

### 48" Blade in Diesel - H x W x D: 82" x 70" x 42" - 2,082 mm x 1,778 mm x 2,717 mm

Model	Weight*	Engine	Displacement	RPM	Setback	Angle	Output
Diesel	1,850 lbs 839 kg	Cummins 3.8 Diesel	3.0L	2,450	30 ft 9 m	0°	200,000 cfm 339,800 cmh

\* Without trailer

## 730G4-H

A portable, gas powered PPV, the Super Vac 730G4-H is a serious workhorse that will make quick work ventilating larger occupancies.

### Features

- 1 Heavy-Duty Frame:** Protects key components
- 2 Flat-Proof Rubber Tires:** Eliminates flat tires; rolls up stairs and curbs easily with "zero catch-point" design
- 3 Step Brake:** Locks fan in place during use
- 4 Single-Piece Cast Aluminum Blade:** Features a 30" diameter; holds up better than plastic in high heat
- 5 Aluminum Shroud:** Provides lightweight durability with max airflow
- 6 Air Cone Guard:** Classic design for maximum airflow; StreamShaper Guard optional

5-YEAR WARRANTY



### 30" Blade - H x W x D: 39" x 37" x 27.5" - 991 mm x 940 mm x 699 mm

Model	Weight	Engine	Displacement	RPM	Setback	Angle	Output
730G4-H	163 lbs 74 kg	Honda GX390	389 cc	3,220	6 ft 1.8 m	10°	26,849 cfm 45,616 cmh

### SVU Features

- 1 6-Point Carbon Fiber Blade:** 48" (1,219 mm) in diameter
- 2 Choice of Direct-Drive Engine:**
  - Subaru 4 Cylinder Gas Engine  
Performance: 165 HP (123 kw)  
Fuel Consumption: 5 gph (19 L/hr)  
Fuel Tank Capacity: 10 g (38 L)
  - Cummins Diesel Engine  
Performance: 132 HP (99 kw)  
Fuel Consumption: 7.4 gph (28 L/hr)  
Fuel Tank Capacity: 18 g (68 L)
- 3 Customize to Fit Your Needs:**
  - Misting Ring: Provides 30 GPM at 60 psi
  - Electric Turntable: Rotates fan up to 270°
  - Scissor Lift: Extends up to 65" in the air, tilts 20° up and down
  - LED Lighting Packages
- 4 Mounting Options:**
  - Custom Trailer
  - Skid Unit
  - Truck or Flatbed Trailer >
- 5 1-Year Warranty**



## SPECIALTY AIRCRAFT BRAKE COOLING FAN

Super Vac's Brake Cooling Fan is a specialized unit designed to pull air over the brakes of commercial airliners. The special seal contacts the wheel of the plane, while the powerful fan pulls cooling air past the brake pads.

Model	Size	Weight	Motor/Engine
724BCS	24"	108 lbs 49 kg	1 HP TEAO Motor
724BCV	24"	105 lbs 48 kg	1 HP Variable Speed Motor
724BCE	24"	110 lbs 50 kg	1 HP Hazardous Location Motor
724BCH	24"	103 lbs 47 kg	4 HP Honda GX Engine

## BFF

The BFF is the largest mobile emergency ventilation fan on the market with capabilities of blowing more than 750,000 cfm. The BFF is the solution for the largest ventilation challenges, including airport, tunnels, sports complexes, shopping malls and retail super stores.

### Features

- 1 7-Point Carbon Fiber Blade:** 80" (2,234 mm) diameter
- 2 Choice of Direct-Drive Engine:** Gas or diesel (200-600 HP)
- 3 Customize to Fit Your Needs:** Every BFF is built specifically for each customer. There are many options, including controls, accessories, LED lighting, etc.
- 4 1-Year Warranty**

### 80" Blade - H x W x D: 88" x 84" x 60" - 2,235 mm x 2,134 mm x 1,524 mm

Model	Weight	Engine	Displacement	RPM	Setback	Angle	Output
BFF	3,600 lbs 1,630 kg	Gas or diesel engine options (200-600 HP)	502 cu in	4,500	40 ft 12 m	0°	750,000 cfm 1,250,000 cmh



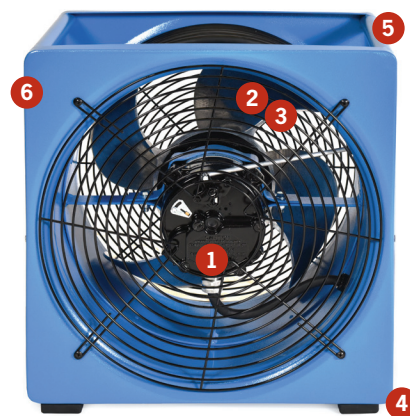


# MIST, FOAM OR SMOKE GENERATION

## 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.

- (3) Built-In Misting Nozzles:** Made of brass, prevents rust; connects to any garden hose or auxiliary line; design reduces ambient air stream by 30° F
- 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
- Precision-Balanced Blade:** Maximizes output
- Heavy-Duty Rubber Feet:** Adds friction to keep fan in place
- 4 Carry Handles:** Makes transportation easy with one or two people
- Front and Rear Guards:** Prevents accidental contact with key components



**5-YEAR WARRANTY**

**16" Blades - H x W x D: 19.75" x 18.75" x 13" - 502 mm x 477 mm x 330 mm**

Model	Weight	Motor	RPM	Start	Run	Output
F164M	41 lbs 18.5 kg	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

Requires 2g/hr water supply via garden hose or auxiliary line to produce mist through three built-in misting nozzles;

## 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 of water per hour!
- Optional Features:** Storz connection and magnetic version for StreamShaper guards



Pictured: Magnetic Mountain Mister

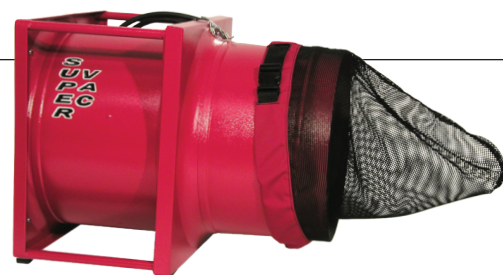
Model	Pairs With
MM	Cone Guard PPVs / Smoke Ejectors

Model	Pairs With
MM-MAG	Stream Shaper Guards

## HIGH-EXPANSION FOAM GENERATOR

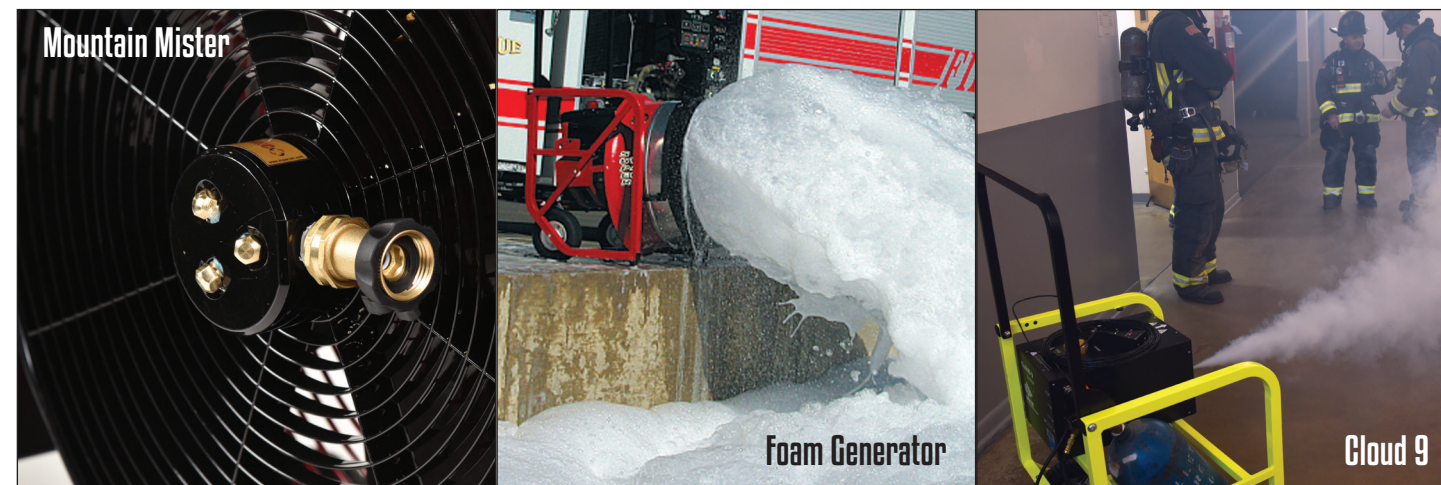
This foam generator attaches easily to any Super Vac PPV (from 16"-30") or Super Vac Smoke Ejector (from 16"-24") and is capable of producing foam up to an expansion rate of 1000:1 for tough extinguishments, including oil and mining operations, ship-hold areas and scenes with flammable liquids.

Includes: Metal shroud, foam expansion netting, a 30 GPM in-line educator and 1 1/2" NH hose adapter. Can be ordered in either red or blue.



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

Please specify fan model when ordering



## CLOUD 9

The Super Vac Cloud 9 mineral-oil based machine is environmentally friendly and is capable of producing large amounts of pure white smoke for training purposes.

- Mineral-Oil Based:** Does not leave slippery residue
- Fold-Down Frame with Rear-Mounted Tires:** Features compact storage design; 100% self-contained protects fogger, fluid, CO2 bottle and remote control
- CO2 Propellant:** Faster and more reliable than a pump
- Automatic Cleaning Cycle:** Runs every use



S-975

**Mineral Oil Based (requires Super Vac Cloud 9 Fluid) - H x W x D: 28" x 28.5" x 20.5" - 711 mm x 724 mm x 521 mm**

Model	Weight	Outlets	Power Requirements	Fluid Tank	Fluid Consumption	Output
S-975	132 lbs 60 kg	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-975	132 lbs 60 kg	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	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)

## LONDON FOGGER

An economical option, many departments trust Super Vac's time-tested glycol-based smoke machine, the London Fogger.

- Glycol Based:** A proven choice among departments
- Compact, Lightweight Design:** Easy to transport/store
- Remote Control:** Includes 50' extension cord
- Auto Extract System:** Prevents residual buildup, clogging and incidental puffing, providing longer lifespan than most pump-based foggers



S-575

**Glycol Based (requires Super Vac London Fogger Fluid) - H x W x D: 10" x 20" x 9" - 254 mm x 508 mm x 229 mm**

Model	Weight	Outlets	Power Requirements	Warm-Up Time	Fluid Consumption	Output
S-575	26 lbs 12 kg	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	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	2	230V AC - 1,400 W	10 min	70 oz/hr 2,070 ml /hr	3,600 cfm 6,115 cmh

### Additional Components:

Oil-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)

## NANO DUCT Patent Pending THE INDUSTRY'S MOST COMPACT DUCT

Designed to fit Super Vac's Nano Fans



Features fire-resistant, ballistic fabric

Featuring an all-new inherently arc and flame resistant ballistic fabric, Super Vac's Nano Series L-shaped duct delivers one of the safest, most compact hoses. The duct folds down to less than half a cubic foot, weighs just 3 lbs. and allows crews to store both the Nano and duct in a compartment without disconnecting.

Requires less than 2 cu. ft. of storage space



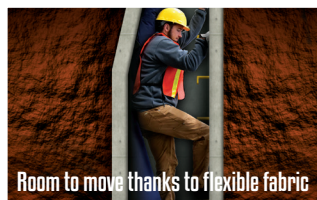
Utilizes a quick-release buckle/strap to secure the duct when folded

Model	Diameter	Length
LFR-BF08-3x9	9" 229 mm	3' + 8' 0.91 m + 2.44 m

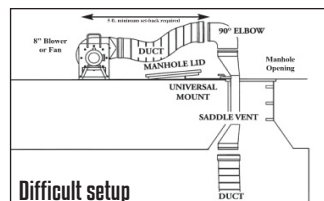


Silver Bullet FR material, made from meta-aramid, ballastic para-aramid and 2% anti-static fiber. Arc resistant and UL certified to NFPA. (Fabric is not conductive or static dissipating.)

### THE LFR STACKS VS OTHER DESIGNS



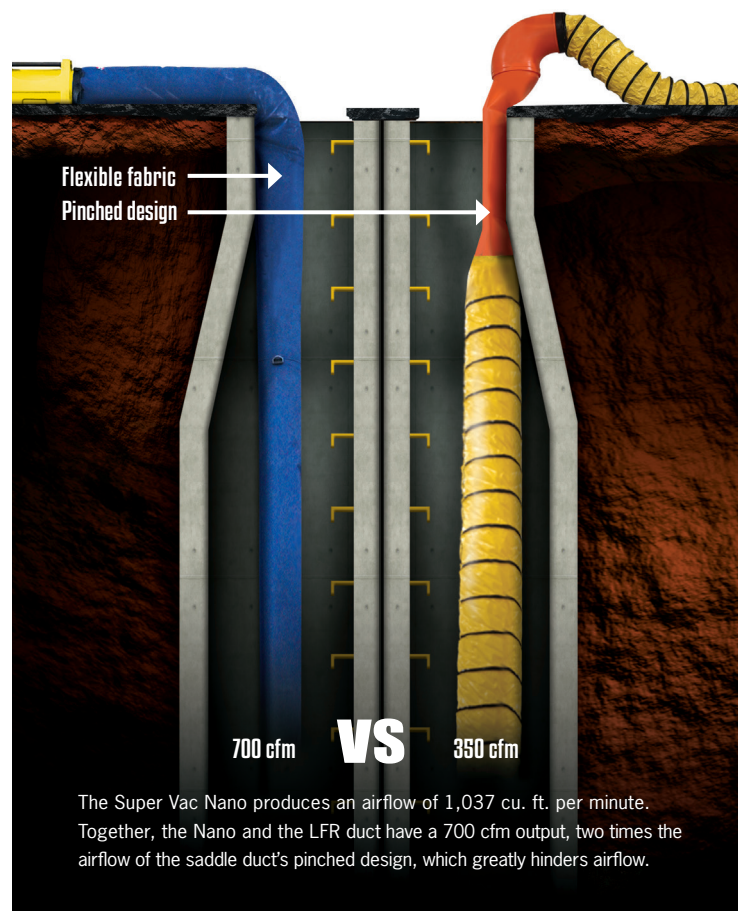
The LFR's unique material allows the vent to contour around the worker while moving through the confined space. The saddle vent helix duct is less forgiving.



The LFR connects directly to the fan using a built-in strap. Meanwhile, the saddle duct requires setup of multiple components. The manhole lid must be used during setup to keep these components from falling into the space.



The saddle duct components take up more storage space than the LFR duct.



The Super Vac Nano produces an airflow of 1,037 cu. ft. per minute. Together, the Nano and the LFR duct have a 700 cfm output, two times the airflow of the saddle duct's pinched design, which greatly hinders airflow.

## SPIRAL DUCTS FOR PPVs, CONFINED SPACE AND 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 bag for easy transportation. Hot-melt wear strips cover the helix for added durability up to 250° F.

Available in the following:



### Standard Duct

Model	Pairs With	Diameter	Length
8x15BC1	8" Nano	8" (203 mm)	15' (4.6 m)
8x25BC1	8" Nano	8" (203 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" (406 mm)	20' (6.1 m)
16x20BC1	16" PPVs	16" (406 mm)	20' (6.1 m)
20x20AD	20" F Series/Smoke Ejectors	20" (508 mm)	20' (6.1 m)
20x20BC1	18" and 20" PPVs	20" (508 mm)	20' (6.1 m)
24x20AD	24" F Series/Smoke Ejectors	24" (610 mm)	20' (6.1 m)
24x24BC1	24" PPVs	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 with conductive material

Model	Pairs With	Diameter	Length
8x15HZ1	8" Nano	8" (203 mm)	15' (4.6 m)
8x25HZ1	8" Nano	8" (203 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" (406 mm)	20' (6.1 m)
16x20HZ1	16" PPVs	16" (406 mm)	20' (6.1 m)
20x20HZAD	20" F Series/Smoke Ejectors	20" (508 mm)	20' (6.1 m)
20x20HZ1	18" and 20" PPVs	20" (508 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



## L DUCT FOR CONFINED SPACE

Another option for ventilating manholes and other tight areas, this L Duct features translucent material and can be special ordered to any horizontal length (up to 25') or vertical length (up to 20').



\* With adapter

### Standard L Duct (for Nano and F Series)

Model	Pairs With	Diameter	Length
LD8-3x8	Nano	8" (203 mm)	3'+8" (0.91 m+2.44 m)
LD12-3x8*	12" F Series	12" (305 mm)	3'+8" (0.91 m+2.44 m)
LD16-3x8*	16" F Series	16" (406 mm)	3'+8" (0.91 m+2.44 m)

## ADAPTERS SMOKE EJECTORS

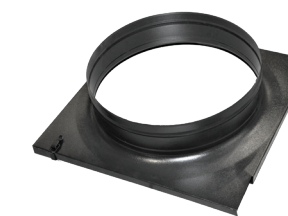


### Manhole Adapter

These adapters allow utility companies to safely place negative pressure fans on top of the manhole to pull smoke and toxic fumes from deep below the surface. These rugged aluminum adapters come in four sizes and sit in manhole rings to provide a stable mounting surface for Super Vac box fans.

Note: Not for use if the manhole is the only means of egress.

Model	Fan Size	Manhole Size
MA12-24	12" 305 mm	24" 508 mm
MA12-30	12" 305 mm	30" 762 mm
MA16-24	16" 406 mm	24" 508 mm
MA24-30	16" 406 mm	30" 762 mm



### Belt-Cuff Duct Adapter

The duct adapter attaches 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", 20" and 24" smoke ejectors.

## MOUNTING FOR SMOKE EJECTORS



### Door Bar / Hanger

Dual Hangers allows you to hang a smoke ejector virtually anywhere — ladders, doors, windows, casements, archways and more. Used in conjunction with the Door Bar, they permit fan placement at any height. The Door Bar deploys easily and features a pull trigger for quick release.

The Extension Bar comes standard. Each can be purchased separately.

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



### Tilt Frame

Super Vac's Tilt Stand Frame is perfect for elevating the fan's airstream to a higher level (positioned in 18-degree increments for blowing straight up or down). The robust design prevents tipping with its wide stance and provides quick setup and effortless tilt. This frame can be built with additional cord length.

Model	Pairs With	Cord Length	Weight
TF-12	12' Smoke Ejector	10'	38 lbs 17 kg
TF-16	16' Smoke Ejector	10'	42 lbs 19 kg



### Running Board Mount

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

Model	Pairs With
RBM-SE	All Smoke Ejectors

Please specify fan model when ordering.



## FOR PPVs

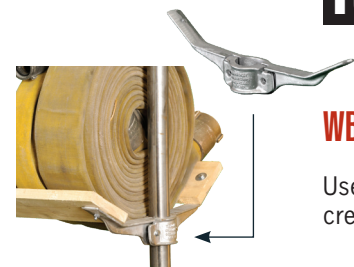
### Truck / Running Board Mount

These mounts allow crews to secure a Super Vac PPV on the running board of your vehicle for quick access (Model RBM PPV) or inside a compartment for secure transportation (Model BDTM).

Model	Pairs With
BDTM	16" and 18" Battery Fans
RBM PPV	All PPVs

Please specify fan model when ordering.

## FOR LOOSE EQUIPMENT



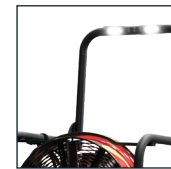
### WB Bracket

Use Super Vac's WB Brackets with pipe and 2x6s to create custom storage racks for hoses, tires and more.

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

Brackets can be spaced 5' apart

## LIGHTING FOR PPVs



### PPV Handle Light Kit

This optional kit features two LEDs mounted inside the Valor handle. These lights deploy automatically every time the handle is lifted.

Model	Pairs With
VLK-18HDL	18" Valor PPVs
VLK-20HDL	20" Valor PPVs



### 12-Watt Spot/Combo LED Light Kit

This LED light 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 and add 1/2" (13 mm) height to the stowed dimensions.

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

## OTHER FOR PPVs AND SMOKE EJECTORS



### Exhaust Extension and Heat Shield

The Exhaust Extension removes exhaust emissions from the airstream and away from the gas engine and PPV intake. The Heat Shield slips over the Exhaust Extension and protects personnel from hot metal hose burns.

Model	Pairs With
EXHAUST EXTEND	All PPVs

Model	Pairs With
HEAT SHIELD	All PPVs



### Carry Strap

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

Model	Pairs With
BDSS	16" and 18" Battery Fans



### Chevron Decal

Improve visibility of your fan by adding a reflective Chevron Decal to any PPV. Available in NFPA 1901 red/yellow and red/white.

Model	Pairs With
FAN CHEVRON	All 7 Series

Note: Valor PPVs come standard with a red/yellow chevron.



### Tiny Tach

Easily install a digital tachometer and hourmeter to any Super Vac gas-powered PPV with the Tiny Tach.

Model	Pairs With
TINY TACH	All Smoke Ejectors



### Vinyl Cover

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

Model	Pairs With
VINYL COVER	All PPVs and Smoke Ejectors

Please specify fan model when ordering.

## SmokeBlockAid

U.S. Patent #7810576

The patented SmokeBlockAid helps control oxygen to the fire and contain smoke to a single room to minimize property damage.



- 1 **Oxygen Control to the Fire:** Sets up in seconds and requires no manpower to maintain door control and provide visual indicator of flow path; reduces smoke spread in common areas to help with rescue operations and prevents smoke spread in large buildings
- 2 **Perfect for Uni-Directional Ventilation Scenarios:** Forces airflow into the room at a lower volume rate, drastically minimizing conditions that lead to flashover
- 3 **Passable Entryway:** Allows personnel and charged hose lines to pass through the doorway while the SmokeBlockAid is deployed
- 4 **Replaceable Fabric:** Rated up to 500°F

### SmokeBlockAid

Model	Min Width	Max Width	Height	Material	Ratchet
S-100	27" 68.5 cm	43" 109 cm	75" 1.9 m	Replaceable silicone impregnated fiberglass, rated up to 500° F for extended period of time. Fabric maintains integrity up to 1,100° F	QuickAction with screw tightening
S-150	36" 91 cm	56" 142 cm	75" 1.9 m		

## RAPID TENT

Model: RT10X10RD

The Rapid Tent, which deploys in less than one minute, provides shelter during long hours on the scene. Units can be combined to double floor space, and each tent, which features 100 sq. ft. of floor space and 7.5 ft. of headroom, comes standard with a front and rear door to prevent congestion.



▲ Deployed HxWxD – 7.5' x 10' x 10'

Stowed HxWxD – 10" x 10" x 88" ▶



## HEATPAC 25

The perfect complement to the Super Vac Rapid Tent, the HeatPac 25 provides fresh, warm air at a temperature rise of 80° F over ambient. Featuring an 8" blower and CGA-approved heater, the unit is portable and connects to a standard propane tank. The supplied 25' duct allows crews to deliver 70,000 BTUs of heat for a 10-hour period.

Model	Requirements	Height	Width	Depth	Weight	Output
HEATPAC 25	Propane - 2 lbs/hour	15.25" 387 mm	33" 838 mm	13.5" 342 mm	50 lbs 23 kg	80° F of temp rise @ 500 cfm (850 chm)

A HeatPac 25 Thermostat is available upon request. Model: THERMOSTAT.

## CUTOFF SAWS

Rescue saw are imperative to both ventilating and rescue operations. Super Vac supplies departments with the ultimate cutoff saw, the SVC4 Cutoff Saw, designed specifically for the fire/rescue industry.

### Features

- 1 **Tiger Tooth Diamond Blade:** Cut through steel, rebar, concrete and aluminum, as well as residential and commercial roofing
- 2 **Easy-Start, Spring-Assisted Starter with Primer Pump:** Features optimized engine management to significantly reduce resistance
- 3 **Touch-and-Stop, One-Lever Control:** Clearly defines positions for cold starting, operation and one-touch engine shutoff
- 4 **Durable Aluminum Pull Handle:** Designed for thick rescue gloves

2-YEAR WARRANTY



Kits available for any saw  
Model: SVC4-14-KIT-AL



- 5 **Ultimate Debris System:** Provides 90% dirt/debris separation
- 6 **Vertical Fuel Filling:** Prevents spilling; features built-in window to check fuel level on the fly
- 7 **Multi-Ribbed Belt:** Provides high-power transmission and endurance
- 8 **Dust Suppression System with Intake Filter:** Helps protect against dust and debris

14" Blades (3/4" Arbor) - H x W x D: 15.25" x 30" x 11" - 387 mm x 762 mm x 280 mm

Model	Weight	Engine	RPM	Cutting Depth	Fuel Capacity
SVC4-14	19.6 lbs 8.9 kg	Makita, 2-stroke, 60.7cc 4.4 HP – 3.2 kw	9,850	5.1" 130 mm	23.6 oz .7 L

## CHAIN SAWS

Departments turn to Super Vac's lineup of chain saws to tackle a variety of operations, like removing downed trees and cutting through residential roofing. Available with the Full-Wrap Depth Guard for added protection or the Quick Silver Depth Guard for reduced weight and ease of use.

### Features

- 1 **.404 Carbide Tooth Chisel Chain:** Takes big bites out of multiple layers
- 2 **Easy Start:** Includes momentary contact switch that leaves the saw in the ON position, a compression release that reduces cylinder pressure by 50% and a choke knob that simultaneously sets the throttle and choke
- 3 **Durable Aluminum Pull Handle:** Designed for thick rescue gloves
- 4 **Full-Wrap Handle:** Makes front-facing and overhead operations easier
- 5 **Airmaster Filtration System:** Three-chambered system stops large particles before they reach the secondary filter
- 6 **Lateral Chain Tensioning:** Developed for fast, on-the-go adjustments



Quick Silver Depth Guard



2-YEAR WARRANTY

Kits available for any saw  
Models: SV3-16-KIT-AL and SV3-20-KIT-AL

16" Bar - H x W x D: 11.25" x 13" x 34.5" - 286 mm x 330 mm x 876 mm

Model	Depth Gauge	Weight	Engine	RPM	Pitch / Gauge	Fuel Capacity
SV3-16	Full	20.8 lbs 9.5 kg	Makita, 2-stroke, 78.5cc 5.7 BHP – 4.3 kw	12,800	.404 / .063 in .063 = 1.6 mm	25.36 oz .75 L
SV3-16-QS	Quick Silver					

20" Bar - H x W x D: 11.25" x 13" x 38.5" - 286 mm x 330 mm x 978 mm

Model	Depth Gauge	Weight	Engine	RPM	Pitch / Gauge (in)	Fuel Capacity
SV3-20	Full	21.6 lbs 9.8 kg	Makita, 2-stroke, 78.5cc 5.7 BHP – 4.3 kw	12,800	.404 / .063 in .063 = 1.6 mm	25.36 oz .75 L
SV3-20-QS	Quick Silver					



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