

# SUPERVAC



**Time Tested, Firefighter Proven**

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

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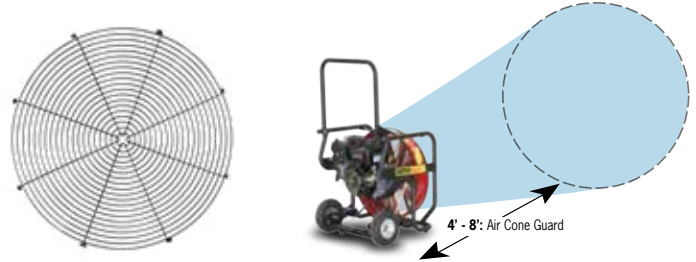
Mounting, Lighting, Miscellaneous...22-23



## 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



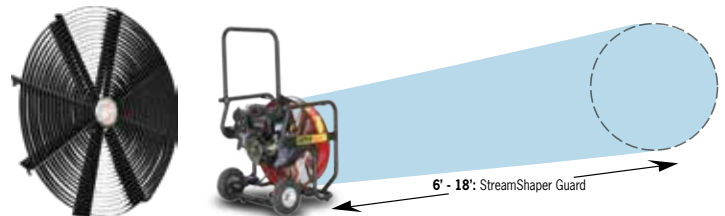
### Advantages of the Air Cone Guard

- ◊ 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



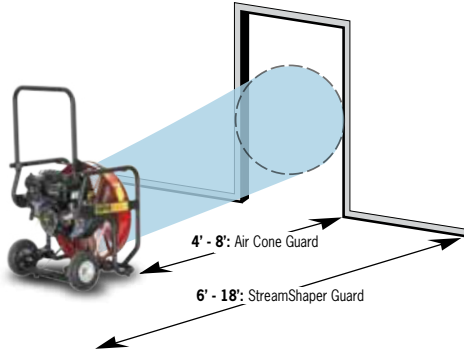
### Advantages of the StreamShaper Guard

- ◊ 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, back with a 5-year warranty

# FAN PLACEMENT INSTRUCTIONS

## Single-Fan Attack

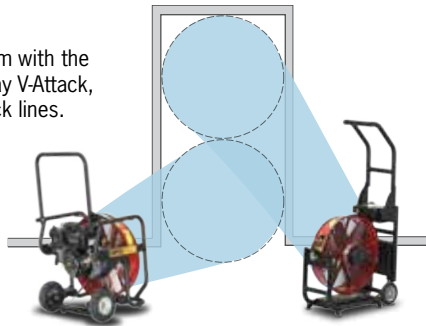
The Air Cone Guard should be set back 4-8' from the door, while the StreamShaper Guard should be 6-15'. To keep ingress/egress routes clear during positive pressure operations, do not locate the fan directly in the doorway. Avoid standing in the doorway as it blocks airflow.



The SmokeBlockAid (Page 21) can be hung in the doorway to control oxygen to the fire.

## Doorway V-Attack

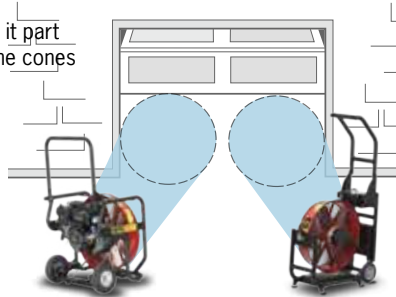
The door is sealed top to bottom with the units at 45° angles in a doorway V-Attack, leaving a straight shot for attack lines.



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

## 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.



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

## Extension Cord Use

Extension cords work in much the same way as a fire hose — the longer the extension 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 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	QTY	STARTING WATTAGE REQUIRED	MAXIMUM CABLE EXTENSION LENGTHS					
			Meters Feet	25 100	50 150	75 200	100 250	300 350
1/3*	1	2000	14 GA					
1/2*	1	2000	14 GA					
			12 GA					
			10 GA					
2	4000	8 GA						
		10 GA						
		8 GA						
3	6000	6 GA						
		8 GA						
		12 GA						
1*	4000	10 GA						
		8 GA						
		6 GA						
2	8000	8 GA						
		6 GA						
		10 GA						
1 1/2	6000	8 GA						
		6 GA						
		8 GA						
2	12000	6 GA						
		8 GA						
		4 GA						

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.

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



## Cord Reel Use

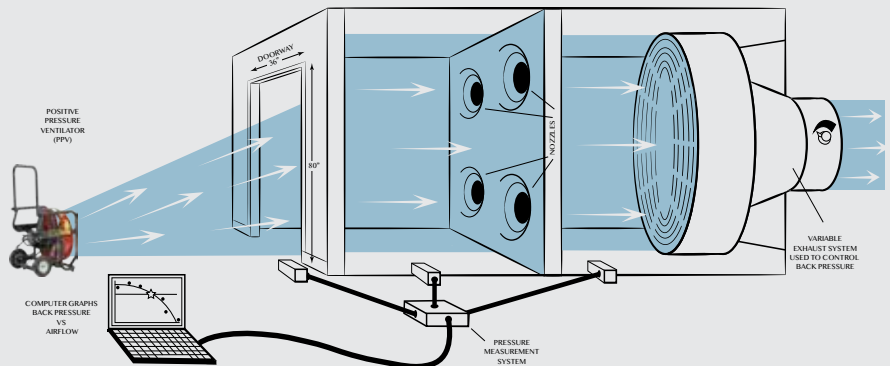
Care must be taken when using cord reels to power portable electric equipment. If the cord is not completely unrolled, the unrolled portion produces a counter EMF (electromotive force), which in effect reduces the cord's current carrying ability. If the cord size and length are nearing recommended limits (above), pull the entire length of cord off the reel OR replace with a larger cord.

## AMCA Certified Airflows

For more than 100 years, AMCA (the Air Movement and Control Association) has been a recognized authority for the development and measurement of airflow.

Specifically, the AMCA Standard 240 was developed to measure and compare effective airflow of a PPV used on a standard doorway. This test was developed in 1996 by firefighters for firefighters to provide end users with a trusted and repeatable airflow measurement.

Super Vac is proud to enlist this independent organization to conduct third-party airflow certification tests.



**PATENT PENDING**

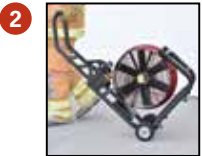
## THE INDUSTRY'S MOST VERSATILE BATTERY FAN

**Never in firefighter history** has one fan worked with your department's other battery-operated tools. Until now. The all-new Super Vac 16" and 18" variable-speed battery fans, which operate with your choice of dual DeWalt® batteries\* or Milwaukee® 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 a trusted battery name that pairs with Super Vac's dependable history.

### KEY FAN FEATURES



**1 Compact, Roll-Cage Aluminum Frame:** Features one of the most compact, lightweight PPV designs



**2 Curved Handle:** Folds into the frame for compact storage; curved design provides higher grip for better ergonomics



**3 Flat-Proof Rubber Tires:** Creates a highly maneuverable 18" fan; easy for tall firefighters to position without bending over

**4 Polymer Blade:** Minimizes weight; cast aluminum blades are available by request

**5 Stream Shaper Guard:** Allows flexible setback; Air Cone Guard is available by request

**6 Optional Shore Power:** 120-240V AC operation is available upon request

### 5-YEAR WARRANTY

3-YEAR WARRANTY ON MOTOR/BATTERIES



### 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



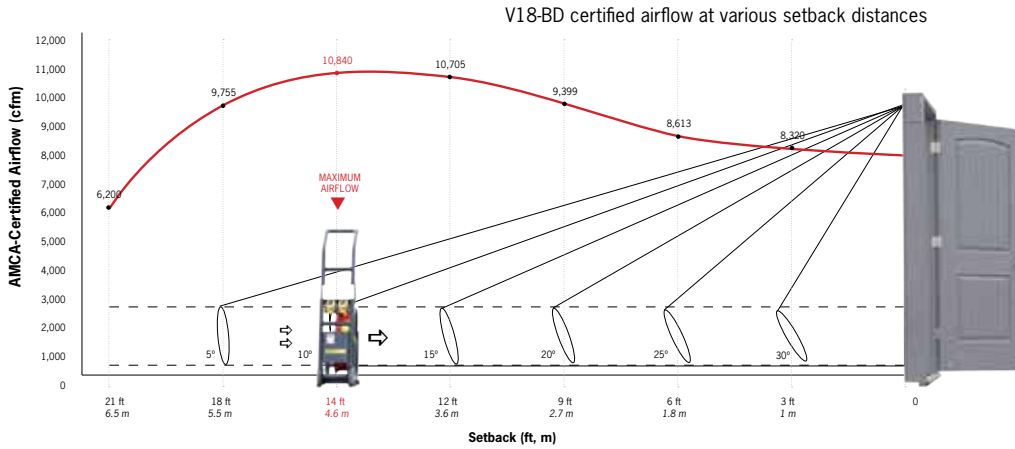
Storage angle



For negative tilt attacks



For manhole attacks



## AVAILABLE ACCESSORIES

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

See Page 22-23

# AMCA-CERTIFIED AIRFLOW

## PLUS, UP TO 40 MINUTES OF RUN TIME\*

We back our numbers with true third-party testing. We also certify our battery-operated PPVs using exclusively battery power. The Air Movement and Control Association (AMCA) enables firefighters to trust the reported airflows in this catalog as accurate and non-biased. You will find all of our battery-operated PPVs proudly listed on AMCA's website at [bit.ly/PPV-AMCA-certification](http://bit.ly/PPV-AMCA-certification). (Please note: The Milwaukee testing data was unavailable at time of publication, so the V16-BL and V18-BL airflows are close estimates to the now-certified airflows.)

**16" Blades** - H x W x D: 22.75" x 23.50" x 12" - 570 mm x 590 mm x 300 mm

The 16" - Only 42 lbs!

Models	Weight With Batteries**	Motor	Setback For Output Rating	Angle For Output Rating	Output
V16-BD (DeWalt)	42 lbs 19 kg	Variable-Speed DC with Optional 120-240V AC	14 ft 4.3 m	5°	9,816 cfm 16,677 cmh
V16-BL (Milwaukee)	42 lbs 19 kg	Variable-Speed DC with Optional 120-240V AC	14 ft 4.3 m	5°	9,800 cfm 16,650 cmh



**18" Blades** - H x W x D: 25.75" x 25.75" x 12" - 650 mm x 650 mm x 300 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
V18-BL (Milwaukee)	46 lbs 21 kg	Variable-Speed DC with Optional 120-240V AC	15 ft 4.6 m	10°	10,800 cfm 18,350 cmh

The 18" - Extremely maneuverable

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

## DeWalt Battery Options\*

Standard Battery	Run Time At Max Airflow
DeWalt FLEXVOLT® 9.0Ah (2)	30 minutes (with built-in battery gauge)

Optional Battery	Run Time At Max Airflow
DeWalt FLEXVOLT® 12.0Ah (2)	40 minutes (with built-in battery gauge)

## Milwaukee Battery Options

Standard Battery	Run Time At Max Airflow
Milwaukee REDLITHIUM™ HIGH OUTPUT™ XC8.0 (2)	30 minutes (with built-in battery gauge)

Optional Battery	Run Time At Max Airflow
Milwaukee REDLITHIUM™ HIGH OUTPUT™ XD12.0 (2)	40 minutes (with built-in battery gauge)

Conservative run times are based on humidity, temperature, elevation and battery condition. \*Batteries required in pairs.

# ELECTRIC PPVs

## VALOR

**5-YEAR  
WARRANTY**



The Valor Series is among the latest in Super Vac PPV innovations. Featuring an intuitive frame design that is easy to position on the fireground, the Valor is engineered to ease the toughest ventilation challenges.

- 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 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; 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
- 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:** Output ratings listed are based on tests in accordance with the Air Movement and Control Association (AMCA Test 240) and comply with the AMCA certified rating 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, 1.5 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 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-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, 1.5 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



## 7 SERIES

Featuring a durable steel-frame, roll-cage design with 4-position tilt, the 7 Series PPV has proven itself for decades as a fire department favorite.

- 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
- 8 **Optional Chevron Decal:** Improves visibility of fan by adding a reflective Chevron Decal, available in NFPA 1901 red/yellow and red/white

### 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, 1.5 HP, 50/60Hz, 115/230V AC	2,400	2,000 w 15-amp circuit	1500 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, 1.5 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

## VALOR

The Valor Series is among the latest in Super Vac PPV innovations. Featuring an intuitive frame design that is easy to position on the fireground, the Valor 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

- 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 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; 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
- 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:** Output ratings listed are based on tests in accordance with the Air Movement and Control Association (AMCA Test 240) and comply with the AMCA certified rating 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	Vanguard by Briggs & Stratton	127 cc	3,450	6 ft 1.8 m	18°	9,940 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

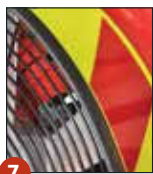
## 24" Blades - H x W x D: 28" x 29.5" x 21" - 711 mm x 749 mm x 533 mm

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

- 1 Full Roll-Cage Frame:** Protects key components
- 2 4-Position Tilt Frame with Lever:** Provides -10°, 0°, 10°, 20°
- 3 Flat-Proof Rubber Tires:** Eliminates flat tires; rolls up stairs/curbs easily
- 4 Single-Piece Cast Aluminum Blade:** Holds up better than plastic in high heat
- 5 Precision-Spun Steel Shroud:** Provides durability with max airflow
- 6 Air Cone Guard:** Creates maximum airflow; StreamShaper Guard optional



- 7 Optional Chevron Decal:** Improves visibility of fan by adding a reflective Chevron Decal, available in NFPA 1901 red/yellow and red/white
- 8 Optional Tiny Tach:** Easily install a digital tachometer/hourmeter

**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

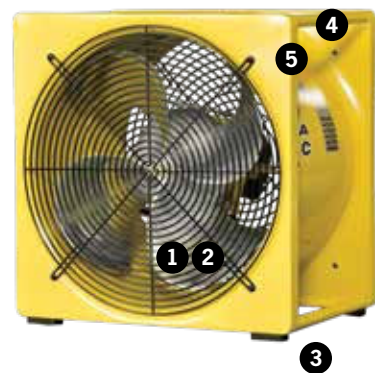
# CONFINED SPACE

## F SERIES

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.

**5-YEAR WARRANTY**

- 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

### 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

### 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	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 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	1,054 cfm 1,790 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, 115V AC	1,054 cfm 1,790 cmh	Available as kit with 15' or 25' conductive duct

\* Available in 50Hz, 220V by adding "-220" to model number; available in 12V DC by adding "-12V" to model number

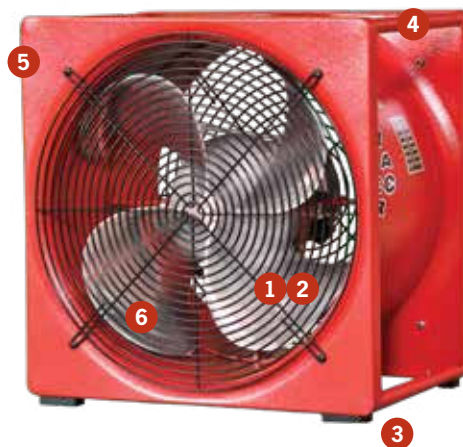
See Page 18-19 for confined space ducts.

# 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.

- 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 Class 1 Group D, 1/2 HP, 60Hz, 115/230V	3,450	2000 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 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, 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, 50/60Hz, 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 Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC	1,725	4,000 w 15-amp circuit	1500 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 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

# 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 GX200	196 cc	3,500	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

**1-YEAR  
WARRANTY**



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:**

- 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)

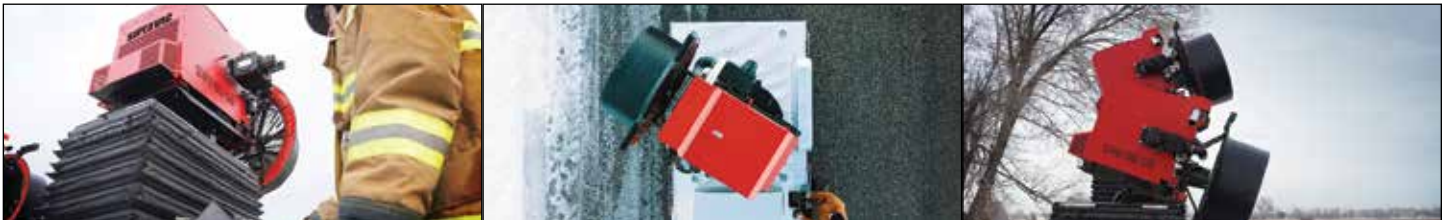
**48" Blade in Diesel** - H x W x D: 82" x 70" x 42" - 2,082 mm x 1,778 mm x 1,066 mm

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

**48" Blade in Gas** - H x W x D: 70" x 70" x 42" - 1,778 mm x 1,778 mm x 1,066 mm

Model	Weight*	Engine	Displacement	RPM	Setback	Output
SVU-50	1,540 lbs 703 kg	Subaru 2.5L 4 Cylinder	2.5L	4,200	30 ft 9 m	200,000 cfm 339,800 cmh

\* Without trailer



**3 Rotate, Raise and Tilt:** The Electric Turntable rotates the fan up to 270°; the Scissor Lift extends the SVU up to 65" in the air and tilts 20° up and down



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



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

# BFF



**1-YEAR  
WARRANTY**

The BFF is the largest mobile 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.

- 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.

**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	Setback	Output
BFF	3,600 lbs 1,630 kg	Gas or diesel engine options (200-600 HP)	40 ft 12 m	750,000 cfm 1,250,000 cmh



# SPECIALTY AIRCRAFT BRAKE COOLING FAN

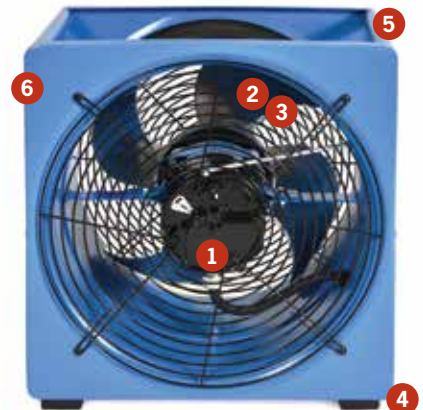
Super Vac's Brake Cooling Fan is a specialized unit designed to pull air over the brakes of commercial aircraft. The special seal contacts the wheel of the plane, while the powerful fan pulls cooling air past the brake pads.

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 HP Hazardous Location Motor
724BCH	103 lbs 47 kg	4 HP Honda Engine
724BCB-	86 lbs 39 kg	1 HP, Variable-Speed DC

# 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-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

\*RPM is at 60Hz – for 50Hz – RPM and output should be multiplied by 5/6

# RESCUE SAWS

**PATENT PENDING**

## BATTERY-POWERED CHAIN SAW CONVERSION KIT

Super Vac's all-new Chain Saw Conversion Kits turn ordinary 16" wood-cutting Makita, DeWalt or Milwaukee battery-powered chain saws into heavy-duty rescue saws for the fire industry. These battery-powered saws are usually only ideal for cutting wood, but this kit equips the saw with a carbide-tipped chain designed to cut through wood, nails, asphalt, shingles and light metal, as well as residential and commercial roofing — all with ease to the firefighter while not damaging the chain.






### Kit Components

- 1 Carbide-Tipped Chain:** Converts select battery-powered chain saws into a rescue saw capable of cutting 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 repeat and heavy use; the bar is slotted to work with Super Vac's Quick Silver depth gauge
- 3 Optional Quick Silver Depth Gauge:** Prevents the blade from cutting too deep during roof ventilation

**2-YEAR  
COMPONENT  
WARRANTY**

### 16" Bar

Component / Model No.	Weight	Materials	Battery-Powered Saw Compatibility
Chain / SV375-16 	6.4 oz 182 g	Chisel chain; carbide tipped (super grade for better impact resistance); loop for 16" bar, 3/8 x .050; single-raker design	Makita: XCU07, XCU04, XCU03 DeWalt: DCCS670B, DCCS670X1 Milwaukee: 2727-20, 2727-21HD
Bar / SV530-16 	22.3 oz 632 g	Flame-hardened rails to 60 Rockwell C; precision-honed groove and replaceable roller nose for smoother operation/longer life	
Depth Gauge (Optional) / SV780-16 	15.8 oz 448 g	Billet aluminum for lightweight strength; CNC machined for precision; open design prevents clogging of debris	

## SVC4 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**

- 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



## SV3 CHAIN SAW

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 Gauge for reduced weight and ease of use.



Full-Depth Guard



Quick Silver Depth Gauge

**2-YEAR WARRANTY**

### 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

### 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					

## SAW MAINTENANCE KITS



Model: SVC4-14-KIT-AL

### SVC4 Cutoff Saw Kit

- 1 Saw with Tiger Tooth Blade
- 1 Spare Tiger Tooth Blade
- 1 Pair Safety Glasses
- 1 Pair of Ear Plugs
- 1 Pair of Gloves
- 1 Bottle of 2 Cycle Oil
- 1 One Gallon Gas Can
- 1 Treadplate Storage Box
- 1 Drive Belt
- 1 Fuel Cap
- 1 Starter Cord
- 1 Air Filter
- 1 Spark Plug



Models:  
SV3-16-KIT-AL  
SV3-20-KIT-AL

### SV3 Chain Saw Kit

- 1 Saw with D-Ring Handle
- 1 Spare Carbide Chisel Chain
- 1 Pair of Ear Plugs
- 1 Pair of Gloves
- 1 Bottle of 2 Cycle Oil
- 1 One Gallon Gas Can
- 1 Treadplate Storage Box
- 1 Drive Belt
- 1 Fuel Cap
- 1 Starter Cord
- 1 HD Air Filter Cartridge
- 5 Pre Filters
- 1 Spark Plug

# DUCTS AND ADAPTERS

## THE MOST COMPACT DUCT FOR CONFINED SPACES THE LFR-BF CONFINED-SPACE DUCT



Patent Pending

Features flame-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



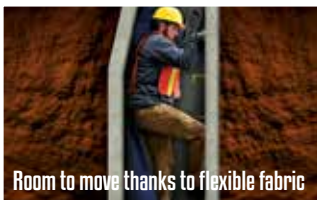
Utilizes a quick-release buckle/strap to secure the duct when folded



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, ballistic para-aramid and 2% anti-static fiber. Arc resistant and UL certified to NFPA. (Fabric is not conductive or static dissipating.)

### HOW THE LFR DUCT STACKS UP VS OTHER DESIGNS



Room to move thanks to flexible fabric

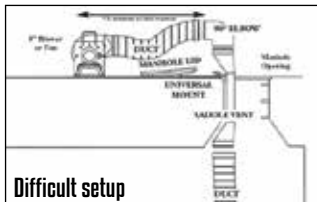


This unyielding duct consumes space

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.



Easy setup



Difficult setup

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.

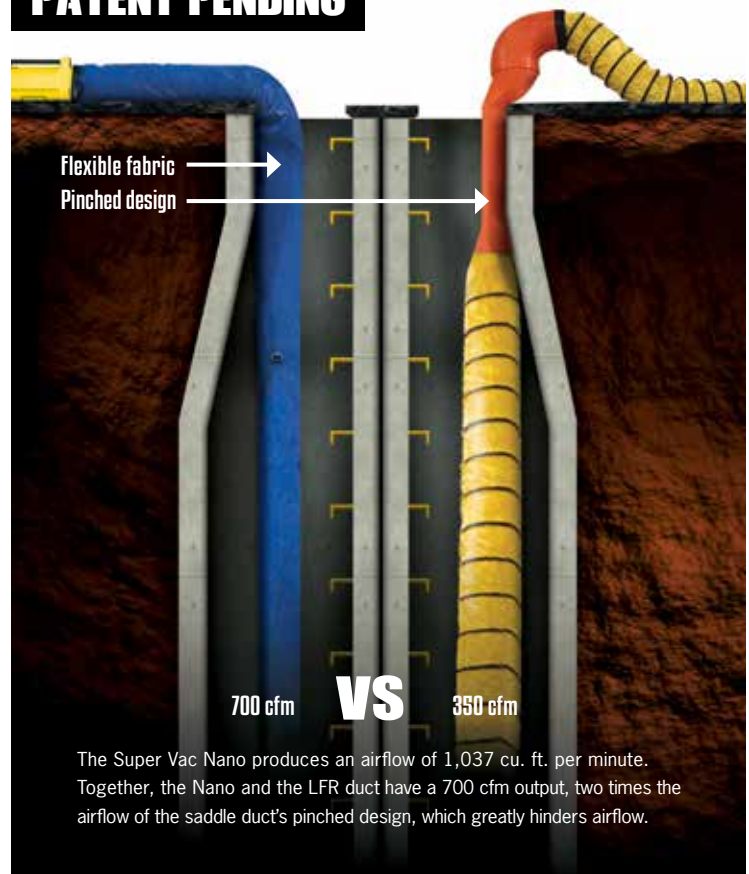


Requires <2 cu. ft. storage



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

### PATENT PENDING



Flexible fabric  
Pinched design

700 cfm

VS

350 cfm

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" 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



### 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.



## 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.



See this Product in Action  
at [bit.ly/battery-fan-with-foam](http://bit.ly/battery-fan-with-foam)

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

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. 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 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	StreamShaper Guards

# SmokeBlockAid

U.S. Patent #7810576



See this Product in Action at [bit.ly/smokeblockaid-video](http://bit.ly/smokeblockaid-video)

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		

# 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.



## 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-985	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 6x.0.6-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)

## 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 6x.0.6-Gal. Bottles (Model S-500); Oil-Based Fluid 55-Gal. Drum (Model S-505); 500-ft. Remote Control Extension (Model S-935)

## MOUNTING FOR SMOKE EJECTORS



### Door Bar / Hanger

Dual Hangers allows you to hang a smoke ejector virtually anywhere — ladders, doors, windows, basements, 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.

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

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



### 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.



RBM PPV

## FOR PPVs



TM-



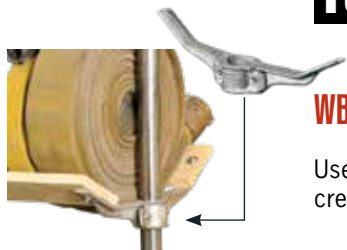
### Truck / Running Board Mount

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 TM16 or TM18).

Model	Pairs With
TM16	16" Battery Fans
TM18	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 that automatically deploy when 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 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" (13mm) height to PPV's stowed dimensions

# OTHER

## FOR PPVs AND SMOKE EJECTORS



### 10' Exhaust Extension and Heat Shield

This extension removes exhaust emissions away from the gas engine and PPV intake. The Heat Shield slips over the extension to protect 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



### 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.



## FOR ENVIRONMENTAL CONTROL

### Rapid Tent

Model:  
RT10X10RD

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

Stowed HxWxD – 10" x 10" x 88" Deployed HxWxD – 8.5' x 10' x 10'

### HeatPac 25

Pair the HeatPac 25 with the Rapid Tent to provide 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 propane tank. The supplied 25' duct allows crews to deliver 70,000 BTUs of heat for 10 hours.

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)





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