

# SUPERVAC

Time Tested. Firefighter Proven.

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

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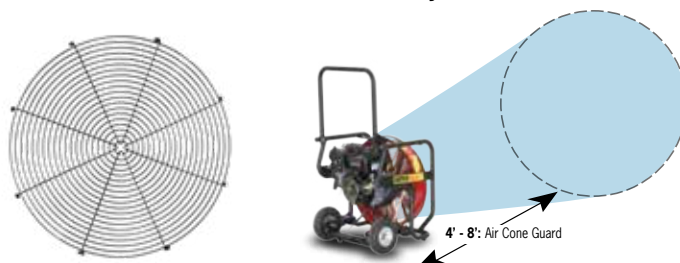
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## Super Vac's Air Cone Guard

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

Standard on all 7 Series PPVs + Smoke Ejectors



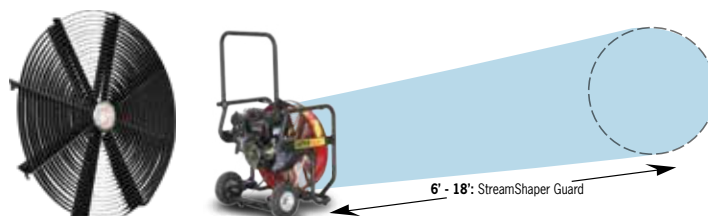
### Advantages of the Air Cone Guard

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

## StreamShaper Guard

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

Standard on all Valor Series PPVs



### Advantages of the StreamShaper Guard

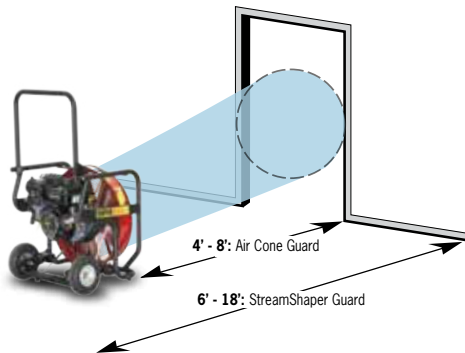
- ◊ Farther setup:  
Setback distance up to 18'
- ◊ Perfect for:  
High-pressure situations  
High-rise buildings  
Homes with multiple small rooms  
Buildings with fewer entrance steps
- ◊ More room for operations at entrances
- ◊ Creates less noise
- ◊ Provides slightly higher airflow
- ◊ Great for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



# FAN PLACEMENT INSTRUCTIONS

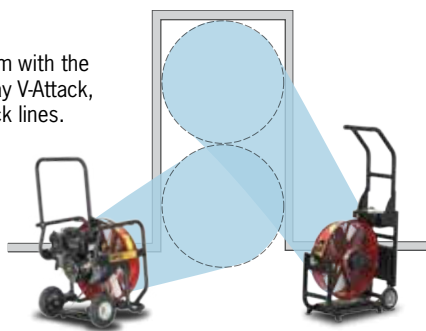
## Single-Fan Attack

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



## Doorway V-Attack

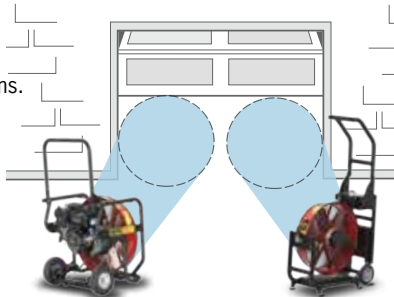
The door is sealed top to bottom with the units at 45° angles in a doorway V-Attack, leaving a straight shot for attack lines.



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

## Garage Door V-Attack

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



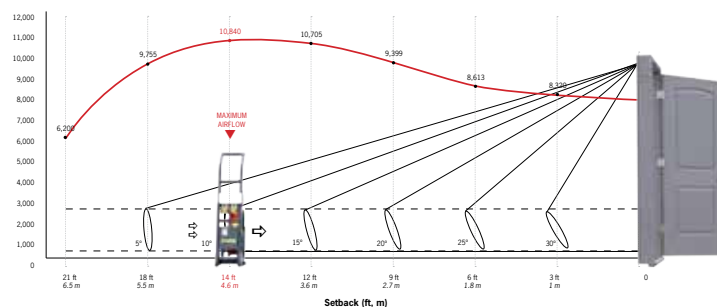
Do not block the air supply by standing behind the fan.

## Fan Setback

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

AMCA-Certified Airflow (cfm)

V18-BD certified airflows at various setback distances



## Extension Cord Use

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

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

| SUPER VAC<br>HP | QTY | STARTING<br>WATTAGE<br>REQUIRED | MAXIMUM CABLE EXTENSION LENGTHS |    |     |     |     |     |     |     |
|-----------------|-----|---------------------------------|---------------------------------|----|-----|-----|-----|-----|-----|-----|
|                 |     |                                 | Feet                            | 50 | 100 | 150 | 200 | 250 | 300 | 350 |
| 1/3"            | 1   | 2000                            | 14 GA                           |    |     |     |     |     |     |     |
| 1/2"            | 1   | 2000                            | 12 GA                           |    |     |     |     |     |     |     |
|                 | 2   | 4000                            | 14 GA                           |    |     |     |     |     |     |     |
|                 | 3   | 6000                            | 12 GA                           |    |     |     |     |     |     |     |
| 1*              | 1   | 4000                            | 10 GA                           |    |     |     |     |     |     |     |
|                 | 2   | 8000                            | 8 GA                            |    |     |     |     |     |     |     |
| 1 1/2           | 1   | 6000                            | 10 GA                           |    |     |     |     |     |     |     |
|                 | 2   | 12000                           | 8 GA                            |    |     |     |     |     |     |     |

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



## AMCA Certified Airflows

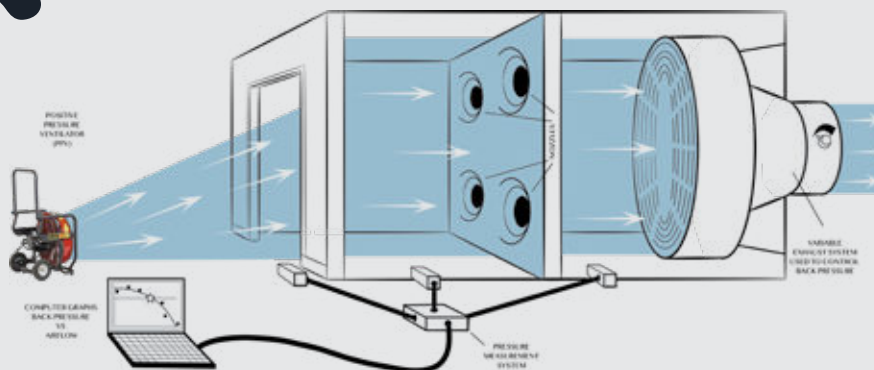
For more than 100 years, AMCA (the Air Movement and Control Association) has been a recognized authority for the development and measurement of airflow.

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 measurements that include the effects of entrained air.

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



Learn more about the AMCA Standard 240 Test [supervac.com/amca-certified-fans](http://supervac.com/amca-certified-fans)





# BATTERY PPVs

## WORKS WITH **DEWALT**

Dual 9.0Ah or 12.0Ah FLEXVOLT batteries



## **MILWAUKEE**

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



## **MAKITA**

XGT 4.0Ah or 5.0Ah batteries





**U.S. PATENT NO. 11,131,321**






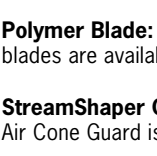

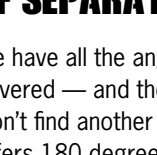
Watch us throw a battery fan off a building!  
[bit.ly/torture-test-video](http://bit.ly/torture-test-video)

## YOU PICK THE BATTERY PLATFORM. WE'LL BRING THE 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", 18" and 20" variable-speed battery fans, which operate with your choice of DeWalt®, Milwaukee® or Makita® batteries, are the most compatible PPVs on the market. Gone are the days of expensive, hard-to-source batteries that take more than half a day to charge. Finally, the industry can turn to a fan with trusted battery names that pair with Super Vac's dependable history.

See next page for specs.

### KEY FAN FEATURES

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



The 16" is also available with handle and wheels!

**5-YEAR  
WARRANTY**

3-YEAR WARRANTY  
ON MOTOR

### 180° OF SEPARATION

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



For attic attacks



For positive tilt attacks



Storage angle



For negative tilt attacks



For manhole attacks

## SPECIFICATIONS



The 16" – Two frame designs!

### 16" Blades - H x W x D: 22.75" x 23" x 12" - 585 mm x 585 mm x 305 mm

| Models                      | Weight with Batteries | Motor                                       | Runtime at Max Airflow                                 | Setback For Output Rating | Angle For Output Rating | Output                      |
|-----------------------------|-----------------------|---|--|---------------------------|-------------------------|-----------------------------|
| V16-BD-SP (DeWalt FLEXVOLT) | 45 lbs<br>20 kg       | Variable-Speed DC with Standard 120-240V AC | 9.0Ah (2) - 35 minutes<br>12.0Ah (2) - 40 minutes      | 14 ft<br>4.3 m            | 5°                      | 9,816 cfm<br>16,677 cmh     |
| V16-BL-SP (Milwaukee M18)   | 45 lbs<br>20 kg       | Variable-Speed DC with Standard 120-240V AC | XC 8.0Ah (2) - 25 minutes<br>HD12.0Ah (2) - 50 minutes | 16 ft<br>4.9 m            | 10°                     | 9,131 cfm<br>15,514 cmh     |
| V16-BW-SP (Milwaukee M28)*  | 45 lbs<br>20 kg       | Variable-Speed DC with Standard 120-240V AC | XC 3.0Ah (2) - 20 minutes<br>XC 5.0Ah (2) - 40 minutes | 14 ft<br>4.3 m            | 10°                     | 8,000 cfm<br>13,592 cmh     |
| V16-BK-SP (Makita XGT)      | 46 lbs<br>21 kg       | Variable-Speed DC with Standard 120-240V AC | 4.0Ah (2) - 35 minutes<br>5.0Ah (2) - 45 minutes       | 14 ft<br>4.3 m            | 5°                      | 8,900 cfm**<br>15,120 cmh** |

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



The 18" – Made to maneuver

### 18" Blades - H x W x D: 25.50" x 26" x 12.25" - 650 mm x 660 mm x 315 mm

| Models                      | Weight With Batteries | Motor                                       | Runtime at Max Airflow                                  | Setback For Output Rating | Angle For Output Rating | Output                      |
|-----------------------------|-----------------------|---|---|---------------------------|-------------------------|-----------------------------|
| V18-BD-SP (DeWalt FLEXVOLT) | 58 lbs<br>26 kg       | Variable-Speed DC with Standard 120-240V AC | 9.0Ah (2) - 35 minutes<br>12.0Ah (2) - 40 minutes       | 15 ft<br>4.6 m            | 10°                     | 10,840 cfm<br>18,417 cmh    |
| V18-BL-SP (Milwaukee M18)   | 58 lbs<br>26 kg       | Variable-Speed DC with Standard 120-240V AC | XC 8.0Ah (2) - 30 minutes<br>HD 12.0Ah (2) - 40 minutes | 15 ft<br>4.6 m            | 12°                     | 9,618 cfm<br>16,341 cmh     |
| V18-BW-SP (Milwaukee M28)*  | 56 lbs<br>25 kg       | Variable-Speed DC with Standard 120-240V AC | XC 3.0Ah (2) - 20 minutes<br>XC 5.0Ah (2) - 40 minutes  | 15 ft<br>4.6 m            | 10°                     | 9,000 cfm<br>15,291 cmh     |
| V18-BK-SP (Makita XGT)      | 56 lbs<br>25 kg       | Variable-Speed DC with Standard 120-240V AC | 4.0Ah (2) - 40 minutes<br>5.0Ah (2) - 50 minutes        | 15 ft<br>4.6 m            | 10°                     | 9,500 cfm**<br>16,140 cmh** |



The 20" – Maximum output!

### 20" Blades - H x W x D: 28.25" x 28.75" x 12.5" - 720 mm x 730 mm x 320 mm

| Models                      | Weight With Batteries | Motor                                       | Runtime at Max Airflow                                  | Setback For Output Rating | Angle For Output Rating | Output                       |
|-----------------------------|-----------------------|---|---|---------------------------|-------------------------|------------------------------|
| V20-BD-SP (DeWalt FLEXVOLT) | 63 lbs<br>29 kg       | Variable-Speed DC with Standard 120-240V AC | 9.0Ah (2) - 30 minutes<br>12.0Ah (2) - 40 minutes       | 15 ft<br>4.6 m            | 10°                     | 13,000 cfm<br>22,087 cmh     |
| V20-BL-SP (Milwaukee M18)   | 62 lbs<br>28 kg       | Variable-Speed DC with Standard 120-240V AC | XC 8.0Ah (2) - 35 minutes<br>XD 12.0Ah (2) - 50 minutes | 15 ft<br>4.6 m            | 10°                     | 12,550 cfm<br>21,322 cmh     |
| V20-BW-SP (Milwaukee M28)*  | 61 lbs<br>28 kg       | Variable-Speed DC with Standard 120-240V AC | XC 3.0Ah (2) - 20 minutes<br>XC 5.0Ah (2) - 35 minutes  | 15 ft<br>4.6 m            | 10°                     | 11,500 cfm<br>19,539 cmh     |
| V20-BK-SP (Makita XGT)      | 61 lbs<br>28 kg       | Variable-Speed DC with Standard 120-240V AC | 4.0Ah (2) - 40 minutes<br>5.0Ah (2) - 50 minutes        | 15 ft<br>4.6 m            | 10°                     | 11,700 cfm**<br>19,870 cmh** |

DeWalt batteries required in pairs.

Use only batteries' proprietary charging equipment to charge batteries.

120-240V AC operation is standard (with optional delete). AC (shore power) needed to run the fan = 1 kW.

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

Delete -SP from model to remove standard shorepower.

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

\*\* Airflows are pre-production estimates; please consult website for verified airflows.

# ACCESSORIES

DeWalt, Milwaukee and Makita\* batteries and chargers also available.



## Magnetic Mountain Mister

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

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



## Door Bar / Hanger

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

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

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



## Truck / Running Board Mount

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

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



## Carry Strap

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

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



## Spiral Ducts

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

| Model                          | Diameter      | Length       |
|--------------------------------|---------------|--------------|
| 16x20BC1<br>(16" Fans)         | 16"<br>406 mm | 20'<br>6.1 m |
| 20x20BC1<br>(18" and 20" Fans) | 20"<br>508 mm | 20'<br>6.1 m |

## High-Expansion Foam Adapter

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

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

Includes: Metal shroud, foam expansion netting, a 30 GPM in-line educator and 1 1/2" NH hose adapter. Please specify fan model when ordering.

For Smoke Ejector model details, please see Page 18.





## 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:** Super Vac is proud to enlist AMCA (the Air Movement and Control Association) as an independent organization to conduct third-party performance tests.



### 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<br>36.5 kg | Bluffton, single speed,<br>1 HP, 50/60Hz, 115/230V AC  | 1,783 | 4,000 w<br>15-amp circuit | 1,500 w | 9 ft<br>2.7 m | 13°   | 6,378 cfm<br>10,836 cmh  |
| V18-EX | 90 lbs<br>41 kg   | Bluffton, single speed – hazardous location rated for<br>Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC | 1,783 | 4,000 w<br>15-amp circuit | 1,500 w | 9 ft<br>2.7 m | 13°   | 6,378 cfm<br>10,836 cmh  |
| V18-EV | 84 lbs<br>38 kg   | RAE, TEAO variable speed, 1.5 HP, 50/60Hz, 115/230V AC   | 2,368 | 2,000 w<br>15-amp circuit | 1,500 w | 9 ft<br>2.7 m | 11.5° | 11,709 cfm<br>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<br>37 kg | Bluffton, single speed,<br>1 HP, 50/60Hz, 115/230V AC  | 1,758 | 4,000 w<br>15-amp circuit | 1,500 w | 9 ft<br>2.7 m | 10°   | 9,007 cfm<br>15,302 cmh  |
| V20-EX | 92 lbs<br>42 kg | Bluffton, single speed – hazardous location rated for Class 1<br>Group D, 1 HP, 50/60Hz, 115/230V AC | 1,758 | 4,000 w<br>15-amp circuit | 1,500 w | 9 ft<br>2.7 m | 10°   | 9,007 cfm<br>15,302 cmh  |
| V20-EV | 86 lbs<br>39 kg | RAE, TEAO variable speed, 1.5 HP 50/60Hz, 115/230V AC  | 3,131 | 2,000 w<br>15-amp circuit | 1,500 w | 9 ft<br>2.7 m | 11°   | 13,788 cfm<br>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
- 9 **Optional 10" Exhaust Extension and Heat Shield:** Removes emissions away from gas engine or PPV intake; shield slips over extension to prevent metal hose burns

### 16" Blades - H x W x D: 20" x 20.5" x 16" - 510 mm x 520 mm x 410 mm

| Model   | Weight            | Motor  | RPM   | Start                     | Run     | Setback       | Angle | Output                  |
|---------|-------------------|--|-------|---------------------------|---------|---------------|-------|-------------------------|
| 716-E2  | 68 lbs<br>31 kg   | Bluffton, single speed,<br>1 HP, 50/60Hz, 115/230V   | 1,750 | 4,000 w<br>15-amp circuit | 1,500 w | 6 ft<br>1.8 m | 18°   | 5,890 cfm<br>10,007 cmh |
| 716-EXP | 78 lbs<br>35.5 kg | Bluffton, single speed – hazardous location rated<br>for Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC | 1,750 | 4,000 w<br>15-amp circuit | 1,500 w | 6 ft<br>1.8 m | 18°   | 5,890 cfm<br>10,007 cmh |
| 716-EVS | 72 lbs<br>33 kg   | RAE, TEAO, variable speed,<br>1.5 HP, 50/60Hz, 115/230V AC   | 2,400 | 2,000 w<br>15-amp circuit | 1500 w  | 6 ft<br>1.8 m | 18°   | 9,950 cfm<br>16,900 cmh |

### 18" Blades - H x W x D: 22" x 23.5" x 19.5" - 560 mm x 600 mm x 500 mm

| Model   | Weight          | Motor  | RPM   | Start                     | Run     | Setback       | Angle | Output                   |
|---------|-----------------|--|-------|---------------------------|---------|---------------|-------|--------------------------|
| 718-E2  | 82 lbs<br>37 kg | Bluffton, single speed,<br>1 HP, 50/60Hz, 115/230V   | 1,750 | 4,000 w<br>15-amp circuit | 1,500 w | 6 ft<br>1.8 m | 18°   | 6,378 cfm<br>10,836 cmh  |
| 718-EXP | 92 lbs<br>42 kg | Bluffton, single speed – hazardous location rated<br>for Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC | 1,750 | 4,000 w<br>15-amp circuit | 1,500 w | 6 ft<br>1.8 m | 18°   | 6,378 cfm<br>10,836 cmh  |
| 718-EVS | 86 lbs<br>39 kg | RAE, TEAO, variable speed,<br>1.5 HP, 50/60Hz, 115/230V AC   | 2,400 | 2,000 w<br>15-amp circuit | 1,500 w | 6 ft<br>1.8 m | 18°   | 10,744 cfm<br>18,254 cmh |

### 20" Blades - H x W x D: 25.5" x 26" x 19.5" - 650 mm x 660 mm x 500 mm

| Model   | Weight          | Motor  | RPM   | Start                     | Run     | Setback       | Angle | Output                   |
|---------|-----------------|--|-------|---------------------------|---------|---------------|-------|--------------------------|
| 720-E2  | 88 lbs<br>40 kg | Bluffton, single speed,<br>1 HP, 50/60Hz, 115/230V   | 1,750 | 4,000 w<br>15-amp circuit | 1,500 w | 6 ft<br>1.8 m | 18°   | 9,007 cfm<br>15,302 cmh  |
| 720-EXP | 98 lbs<br>45 kg | Bluffton, single speed – hazardous location rated<br>for Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC | 1,750 | 4,000 w<br>15-amp circuit | 1,500 w | 6 ft<br>1.8 m | 18°   | 9,007 cfm<br>15,302 cmh  |
| 720-EVS | 92 lbs<br>42 kg | RAE, TEAO, variable speed,<br>1.5 HP, 50/60Hz, 115/230V AC   | 2,400 | 2,000 w<br>15-amp circuit | 1,500 w | 6 ft<br>1.8 m | 18°   | 13,788 cfm<br>23,426 cmh |

### 24" Blades - H x W x D: 28" x 29.5" x 21" - 710 mm x 750 mm x 535 mm

| Model   | Weight             | Motor  | RPM   | Start                     | Run     | Setback       | Angle | Output                   |
|---------|--------------------|--|-------|---------------------------|---------|---------------|-------|--------------------------|
| 724-E2  | 104 lbs<br>47.5 kg | Bluffton, single speed,<br>1 HP, 50/60Hz, 115/230V   | 1,750 | 4,000 w<br>15-amp circuit | 1,500 w | 6 ft<br>1.8 m | 18°   | 13,320 cfm<br>22,630 cmh |
| 724-EXP | 114 lbs<br>52 kg   | Bluffton, single speed – hazardous location rated<br>for Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC | 1,750 | 4,000 w<br>15-amp circuit | 1,500 w | 6 ft<br>1.8 m | 18°   | 13,320 cfm<br>22,630 cmh |
| 724-EVS | 108 lbs<br>49 kg   | RAE, TEAO, variable speed,<br>1.5 HP, 50/60Hz, 115/230V AC   | 2,400 | 2,000 w<br>15-amp circuit | 1,500 w | 6 ft<br>1.8 m | 18°   | 16,370 cfm<br>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 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<br>38 kg | Honda GX200                   | 196 cc       | 3,535 | 6 ft<br>1.8 m | 14°   | 15,168 cfm<br>25,770 cmh |
| V18-GB | 84 lbs<br>38 kg | Vanguard by Briggs & Stratton | 205 cc       | 3,500 | 6 ft<br>1.8 m | 12°   | 14,342 cfm<br>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<br>39 kg | Honda GX200                   | 196 cc       | 3,350 | 6 ft<br>1.8 m | 12°   | 18,182 cfm<br>30,891 cmh |
| V20-GB | 86 lbs<br>39 kg | Vanguard by Briggs & Stratton | 205 cc       | 3,300 | 6 ft<br>1.8 m | 12°   | 17,064 cfm<br>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:** Super Vac is proud to enlist AMCA (the Air Movement and Control Association) as an independent organization to conduct third-party performance tests.

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" - 510 mm x 520 mm x 410 mm

| Model   | Weight          | Engine                        | Displacement | RPM   | Setback       | Angle | Output                   |
|---------|-----------------|-------------------------------|--------------|-------|---------------|-------|--------------------------|
| 716G4-H | 74 lbs<br>34 kg | Honda GX120                   | 118 cc       | 3,530 | 6 ft<br>1.8 m | 18°   | 11,740 cfm<br>19,945 cmh |
| 716G4-B | 68 lbs<br>31 kg | Vanguard by Briggs & Stratton | 127 cc       | 3,450 | 6 ft<br>1.8 m | 18°   | 9,940 cfm<br>16,890 cmh  |

## 18" Blades - H x W x D: 22" x 23.5" x 19.5" - 560 mm x 600 mm x 500 mm

| Model   | Weight          | Engine                        | Displacement | RPM   | Setback       | Angle | Output                   |
|---------|-----------------|-------------------------------|--------------|-------|---------------|-------|--------------------------|
| 718G4-H | 86 lbs<br>39 kg | Honda GX200                   | 196 cc       | 3,535 | 6 ft<br>1.8 m | 18°   | 15,168 cfm<br>25,770 cmh |
| 718G4-B | 84 lbs<br>38 kg | Vanguard by Briggs & Stratton | 205 cc       | 3,770 | 6 ft<br>1.8 m | 18°   | 14,860 cfm<br>25,247 cmh |

## 20" Blades - H x W x D: 25.5" x 26" x 19.5" - 650 mm x 660 mm x 500 mm

| Model   | Weight          | Engine                        | Displacement | RPM   | Setback       | Angle | Output                   |
|---------|-----------------|-------------------------------|--------------|-------|---------------|-------|--------------------------|
| 720G4-H | 96 lbs<br>44 kg | Honda GX200                   | 196 cc       | 3,350 | 6 ft<br>1.8 m | 18°   | 18,182 cfm<br>30,891 cmh |
| 720G4-B | 94 lbs<br>43 kg | Vanguard by Briggs & Stratton | 205 cc       | 3,385 | 6 ft<br>1.8 m | 18°   | 17,235 cfm<br>29,282 cmh |

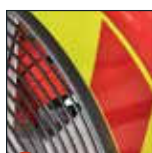
## 24" Blades - H x W x D: 28" x 29.5" x 21" - 710 mm x 750 mm x 535 mm

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

## 30" Blade - H x W x D: 39" x 37" x 27.5" - 990 mm x 940 mm x 700 mm

| Model   | Weight           | Engine      | Displacement | RPM   | Setback       | Angle | Output                   |
|---------|------------------|-------------|--------------|-------|---------------|-------|--------------------------|
| 730G4-H | 163 lbs<br>74 kg | Honda GX390 | 389 cc       | 3,220 | 6 ft<br>1.8 m | 10°   | 26,849 cfm<br>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 reflective decal, available in NFPA 1901 red/yellow and red/white
- 8 Optional 10" Exhaust Extension and Heat Shield:** Removes emissions away from gas engine or PPV intake; shield slips over extension to prevent metal hose burns

**5-YEAR  
WARRANTY**

730G4-H





# 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**



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

**16" Blades - H x W x D: 20" x 20.5" x 16" - 510 mm x 520 mm x 405 mm**

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

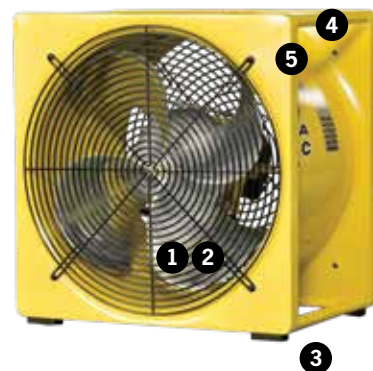
## CONFINED SPACE

## 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**

- ❶ **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
- ❷ **Precision-Balanced Blade:** Maximizes output
- ❸ **Heavy-Duty Rubber Feet:** Friction keeps fan in place
- ❹ **4 Carry Handles:** Makes transportation easy with one or two people
- ❺ **Front and Rear Guards:** Prevents accidental contact with key components



**12" Blades - H x W x D: 15.5" x 15" x 13" - 395 mm x 380 mm x 330 mm \*AF and VF models add 5" (127 mm) to Height**

| Model  | Weight          | Motor  | RPM   | Start                     | Run   | Output                 |
|--------|-----------------|--|-------|---------------------------|-------|------------------------|
| F124   | 40 lbs<br>18 kg | Bluffton, single speed, TEAO, 1/3 HP, 50/60Hz, 115/230V AC   | 1,725 | 2,000 w<br>15-amp circuit | 800 w | 2,100 cfm<br>3,570 cmh |
| HF124  | 40 lbs<br>18 kg | Bluffton, single speed, TEAO, 1/2 HP, 50/60Hz, 115/230V AC   | 3,450 | 2,000 w<br>15-amp circuit | 800 w | 3,700 cfm<br>6,285 cmh |
| F124E  | 42 lbs<br>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<br>15-amp circuit | 800 w | 2,100 cfm<br>3,570 cmh |
| HF124E | 42 lbs<br>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<br>15-amp circuit | 800 w | 3,700 cfm<br>6,285 cmh |
| VF124  | 40 lbs<br>18 kg | RAE, TEAO variable speed, 1 HP 50/60Hz, 115/230V AC  | 2,500 | 2,000 w<br>15-amp circuit | 800 w | 3,100 cfm<br>5,265 cmh |
| AF124  | 39 lbs<br>18 kg | Pneumatic, 1/2 HP  | 2,000 | 80 PSI - 27 cfm           |       | 3,800 cfm<br>6,455 cmh |

**16" Blades - H x W x D: 19.25" x 18.75" x 13" - 490 mm x 480 mm x 330 mm \*AF and VF models add 5" (127 mm) to Height**

| Model  | Weight            | Motor  | RPM   | Start                     | Run     | Output                  |
|--------|-------------------|--|-------|---------------------------|---------|-------------------------|
| F164   | 44 lbs<br>20 kg   | Bluffton, single speed, TEAO, 1/3 HP, 50/60Hz, 115/230V AC   | 1,725 | 2,000 w<br>15-amp circuit | 700 w   | 5,200 cfm<br>8,835 cmh  |
| HF164  | 59 lbs<br>27 kg   | Bluffton, single speed, TEAO, 1-1/2 HP, 50/60Hz, 115/230V AC   | 3,450 | 6,000 w<br>20-amp circuit | 2,100 w | 9,620 cfm<br>16,345 cmh |
| F164E  | 49 lbs<br>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<br>15-amp circuit | 700 w   | 5,200 cfm<br>8,835 cmh  |
| HF164E | 63 lbs<br>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<br>20-amp circuit | 2,100 w | 9,620 cfm<br>16,345 cmh |
| VF164  | 52 lbs<br>23.5 kg | RAE, TEAO variable speed, 1 HP 50/60Hz, 115/230V AC  | 2,500 | 2,000 w<br>15-amp circuit | 800 w   | 5,900 cfm<br>10,025 cmh |
| AF164  | 45 lbs<br>20.5 kg | Pneumatic, 1-1/2 HP  | 3,600 | 100 PSI - 75 cfm          |         | 9,600 cfm<br>16,310 cmh |

## 18" Blades - H x W x D: 21.75" x 22.5" x 18.75" - 555 mm x 575 mm x 480 mm

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

## 20" Blades - H x W x D: 25.5" x 25.5" x 18.75" - 650 mm x 650 mm x 480 mm

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

## 24" Blades - H x W x D: 27.75" x 29" x 21" - 705 mm x 740 mm x 535 mm

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

## 30" Blades - H x W x D: 39" x 37" x 27.5" - 990 mm x 940 mm x 700 mm

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

## 20" Blades - H x W x D: 25.5" x 24.75" x 16.25" - 650 mm x 630 mm x 415 mm \*AF and VF models add 5" (127 mm) to height

| Model | Weight            | Motor  | RPM   | Start                     | Run     | Output                  |
|-------|-------------------|--|-------|---------------------------|---------|-------------------------|
| F200  | 85 lbs<br>38.5 kg | Bluffton, single speed, TEAO, 1 HP, 50/60Hz, 115/230V AC   | 1,725 | 4,000 w<br>15-amp circuit | 1,500 w | 9,500 cfm<br>16,140 cmh |
| F200E | 93 lbs<br>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<br>15-amp circuit | 1,500 w | 9,500 cfm<br>16,140 cmh |
| VF200 | 88 lbs<br>40 kg   | RAE, TEAO variable speed, 1 HP 50/60Hz, 115/230V AC  | 2,500 | 2,000 w<br>15-amp circuit | 800 w   | 9,800 cfm<br>16,650 cmh |
| AF200 | 60 lbs<br>27 kg   | Pneumatic, 1-1/2 HP  | 3,600 | 100 PSI - 75 cfm          |         | 9,800 cfm<br>16,650 cmh |

## 24" Blades - H x W x D: 28.5" x 28" x 18.75" - 725 mm x 710 mm x 480 mm \*AF model adds 5" (127 mm) to height

| Model | Weight           | Motor  | RPM   | Start                     | Run     | Output                   |
|-------|------------------|--|-------|---------------------------|---------|--------------------------|
| F244  | 110 lbs<br>50 kg | Bluffton, single speed, TEAO, 1-1/2 HP, 50/60Hz, 115/230V AC   | 1,725 | 6,000 w<br>20-amp circuit | 2,100 w | 11,800 cfm<br>20,050 cmh |
| F244E | 115 lbs<br>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<br>20-amp circuit | 2,100 w | 11,800 cfm<br>20,050 cmh |
| AF244 | 105 lbs<br>48 kg | Pneumatic, 5 HP  | 2,250 | 100 PSI - 100 cfm         |         | 14,200 cfm<br>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

## 8" Blades - H x W x D: 11.5" x 10.75" x 16" - 295 mm x 275 mm x 406 mm

| Model | Weight          | Motor   | Output                 | Nano Pacs  |
|-------|-----------------|---|------------------------|--|
| P8S   | 20 lbs<br>9 kg  | 1/3 HP, TEAO (Totally Enclosed Air Over), 60Hz, 115V AC             | 1,054 cfm<br>1,790 cmh | Available as kit with 15' or 25' standard duct   |
| P8XE  | 22 lbs<br>10 kg | 1/3 HP, hazardous location rated for Class 1 Group D, 60Hz, 115V AC | 1,054 cfm<br>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



**5-YEAR  
WARRANTY**

See Page 20 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" - 395 mm x 380 mm x 330 mm

| Model  | Weight          | Motor   | RPM   | Start                     | Run   | Output                 |
|--------|-----------------|---|-------|---------------------------|-------|------------------------|
| P124S  | 40 lbs<br>18 kg | Bluffton, single speed, TEAO, 1/2 HP, 50/60Hz, 115/230V AC                                      | 3,450 | 2,000 w<br>15-amp circuit | 800 w | 3,700 cfm<br>6,285 cmh |
| P124SE | 42 lbs<br>19 kg | Bluffton, single speed, hazardous location rated for Class 1 Group D, 1/2 HP, 50/60Hz, 115/230V | 3,450 | 2000 w<br>15-amp circuit  | 800 w | 3,700 cfm<br>6,285 cmh |

### 16" Blades - H x W x D: 19.25" x 18.75" x 13" - 490 mm x 480 mm x 330 mm

| Model     | Weight          | Motor  | RPM   | Start                     | Run   | Output                 |
|-----------|-----------------|--|-------|---------------------------|-------|------------------------|
| P164S     | 44 lbs<br>20 kg | Bluffton, single speed, TEAO, 1/3 HP, 50/60Hz, 115/230V AC   | 1,725 | 2,000 w<br>15-amp circuit | 700 w | 5,200 cfm<br>8,835 cmh |
| P164S-AL  | 40 lbs<br>18 kg | Bluffton, single speed, TEAO, 1/3 HP, 50/60Hz, 115/230V AC Aluminum Frame Design (vs. Steel)   | 1,725 | 2,000 w<br>15-amp circuit | 700 w | 5,200 cfm<br>8,835 cmh |
| P164SE    | 49 lbs<br>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<br>15-amp circuit | 700 w | 5,200 cfm<br>8,835 cmh |
| P164SE-AL | 45 lbs<br>21 kg | Bluffton, single speed, hazardous location rated for Class 1 Group D, 1/3 HP, 50/60Hz, 115/230V AC Aluminum Frame Design (vs. Steel) | 1,725 | 2,000 w<br>15-amp circuit | 700 w | 5,200 cfm<br>8,835 cmh |

### 20" Blades - H x W x D: 25.5" x 24.75" x 16.25" - 650 mm x 630 mm x 415 mm

| Model     | Weight            | Motor  | RPM   | Start                     | Run     | Output                  |
|-----------|-------------------|--|-------|---------------------------|---------|-------------------------|
| P200S     | 85 lbs<br>38.5 kg | Bluffton, single speed, TEAO, 1 HP, 50/60Hz, 115/230V AC   | 1,725 | 4,000 w<br>15-amp circuit | 1,500 w | 9,800 cfm<br>16,650 cmh |
| P200S-AL  | 70 lbs<br>32 kg   | Bluffton, single speed, TEAO, 1 HP, 50/60Hz, 115/230V AC Aluminum Frame Design (vs. Steel)   | 1,725 | 4,000 w<br>15-amp circuit | 1,500 w | 9,800 cfm<br>16,650 cmh |
| P200SE    | 93 lbs<br>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<br>15-amp circuit | 1500 w  | 9,800 cfm<br>16,650 cmh |
| P200SE-AL | 78 lbs<br>36 kg   | Bluffton, single speed, hazardous location rated for Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC Aluminum Frame Design (vs. Steel) | 1,725 | 4,000 w<br>15-amp circuit | 1500 w  | 9,800 cfm<br>16,650 cmh |

### 24" Blades - H x W x D: 28.5" x 28" x 18.75" - 725 mm x 710 mm x 480 mm

| Model  | Weight           | Motor  | RPM   | Start                     | Run     | Output                   |
|--------|------------------|--|-------|---------------------------|---------|--------------------------|
| P244S  | 110 lbs<br>50 kg | Bluffton, single speed, TEAO, 1-1/2 HP, 50/60Hz, 115/230V AC   | 1,725 | 6,000 w<br>20-amp circuit | 2,100 w | 11,800 cfm<br>20,050 cmh |
| P244SE | 115 lbs<br>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<br>20-amp circuit | 2,100 w | 11,800 cfm<br>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 485 mm x 395 mm

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

**18" Blade** - H x W x D: 23.5" x 23" x 16.5" - 600 mm x 585 mm x 420 mm

| Model  | Weight          | Engine      | Displacement | RPM   | Output                   |
|--------|-----------------|-------------|--------------|-------|--------------------------|
| GP187S | 76 lbs<br>34 kg | Honda GX200 | 196 cc       | 3,500 | 10,551 cfm<br>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" - 395 mm x 380 mm x 330 mm

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

**16" Blades** - H x W x D: 19.25" x 18.75" x 13" - 490 mm x 480 mm x 330 mm

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

**20" Blades** - H x W x D: 25.5" x 24.75" x 16.25" - 650 mm x 630 mm x 415 mm

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

**24" Blades** - H x W x D: 28.5" x 28" x 18.75" - 725 mm x 710 mm x 480 mm

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

# LARGE-SCALE OR SPECIALTY PPVs<sub>s</sub>



See this product in action at [bit.ly/svu-operation](http://bit.ly/svu-operation)

**1-YEAR  
WARRANTY**



## SVU

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

### 1 6-Point Carbon Fiber Blade:

48" (1,219 mm) in diameter

### 2 Choice of Direct-Drive Engine:

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



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

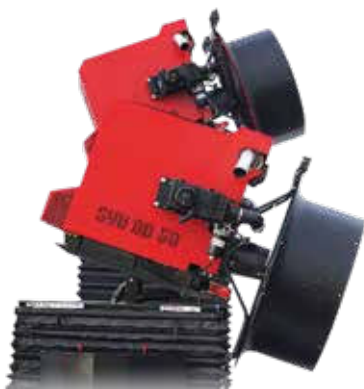


**4 Mounting Options:** Choose from Skid Unit, Custom Trailer, Truck or Flatbed



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





Cummins 3.8L Diesel Engine



Kubota 3.8L Gas Engine

**Diesel Powered** - H x W x D: 82" x 70" x 42" - 2,090 mm x 1,780 mm x 1,070 mm \* Without trailer

| Model     | Weight*             | Engine              | Displacement | RPM   | Output                     |
|-----------|---------------------|---------------------|--------------|-------|----------------------------|
| SVU-DD-50 | 1,850 lbs<br>839 kg | Cummins 3.8L Diesel | 3.8L         | 2,450 | 200,000 cfm<br>339,800 cmh |

**Gas Powered** - H x W x D: 70" x 70" x 42" - 1,780 mm x 1,780 mm x 2,720 mm \* Without trailer

| Model  | Weight*             | Engine          | Displacement | RPM   | Output                     |
|--------|---------------------|-----------------|--------------|-------|----------------------------|
| SVU-50 | 1,540 lbs<br>703 kg | Kubota 3.8L Gas | 3.5L         | 2,600 | 200,000 cfm<br>339,800 cmh |

**6 Reduce Manufacturing Downtime During a Ventilation Emergency:**  
Downtime can adversely affect a facility, costing a company \$2,500-\$5,000 per inoperable minute, or upwards of:

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

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

## Also available! UNMANNED MISTING TURBINES



Learn more about these robotic fans and see them in action at [bit.ly/unmanned-turbines](https://bit.ly/unmanned-turbines)



## 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, allowing for quicker turnover for airports with long taxis and hot weather.

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





# FOAM, LIGHT, MIST AND SMOKE GENERATION



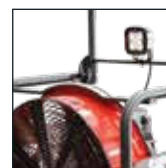
See this product in action  
at [bit.ly/battery-fan-with-foam](https://bit.ly/battery-fan-with-foam)

## HIGH-EXPANSION FOAM GENERATOR

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

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

Includes: 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.



## LIGHT KIT

### 12-Watt Spot/Combo LEDs

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

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

Adds 1/2" (13mm) height to PPV's stowed dimensions



Pictured: MM-MAG

## 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 above: MM

| Model | Pairs With                       |
|-------|----------------------------------|
| MM    | Cone Guard PPVs / Smoke Ejectors |

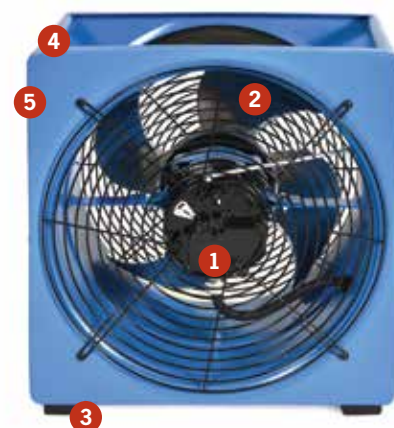
| Model  | Pairs With          |
|--------|---------------------|
| MM-MAG | StreamShaper Guards |

# 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.

- ❶ **(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
- ❷ **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
- ❸ **Heavy-Duty Rubber Feet:** Adds friction to keep fan in place
- ❹ **4 Carry Handles:** Makes transportation easy with one or two people
- ❺ **Aluminum Frame Design:** Prevents rust, reduces weight

**5-YEAR  
WARRANTY**



**16" Blades** - H x W x D: 19.75" x 18.75" x 13" - 500 mm x 480 mm x 330 mm

| Model | Weight            | Motor   | RPM   | Start                     | Run   | Output                 |
|-------|-------------------|---|-------|---------------------------|-------|------------------------|
| F164M | 41 lbs<br>18.5 kg | Bluffton, single speed, TEAO, 1/3 HP, 50/60Hz, 115/230V | 1,725 | 2,000 w<br>15-amp circuit | 700 w | 5,200 cfm<br>8,835 cmh |

# 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" - 710 mm x 725 mm x 520 mm

| Model | Weight           | Outlets | Power Requirements | Fluid Tank       | Fluid Consumption     | Output                 |
|-------|------------------|---------|--------------------|------------------|-----------------------|------------------------|
| S-975 | 132 lbs<br>60 kg | 1       | 110V AC - 1,400 W  | 0.67 gal - 2.5 L | .33 gph<br>1.25 L /hr | 2,500 cfm<br>4,250 cmh |
| S-985 | 132 lbs<br>60 kg | 1       | 230V AC - 1,400 W  | 0.67 gal - 2.5 L | .33 gph<br>1.25 L /hr | 2,500 cfm<br>4,250 cmh |
| S-995 | 132 lbs<br>60 kg | 2       | 230V AC - 1,400 W  | 0.67 gal - 2.5 L | .66 gph<br>3.79 L /hr | 5,000 cfm<br>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" - 255 mm x 510 mm x 230 mm

| Model | Weight          | Outlets | Power Requirements | Warm-Up Time | Fluid Consumption        | Output                 |
|-------|-----------------|---------|--------------------|--------------|--------------------------|------------------------|
| S-575 | 26 lbs<br>12 kg | 1       | 115V AC - 1,400 W  | 10 min       | 35 oz/hr<br>1,035 ml /hr | 1,800 cfm<br>3,060 cmh |
| S-585 | 26 lbs<br>12 kg | 1       | 230V AC - 1,400 W  | 10 min       | 35 oz/hr<br>1,035 ml /hr | 1,800 cfm<br>3,060 cmh |
| S-595 | 26 lbs<br>12 kg | 2       | 230V AC - 1,400 W  | 10 min       | 70 oz/hr<br>2,070 ml /hr | 3,600 cfm<br>6,115 cmh |

## Additional Components:

GLYCOL-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)

# DUCTS, ADAPTERS AND ACCESSORIES



## SPIRAL DUCTS

### PPVS | CONFINED SPACE | SMOKE EJECTORS

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

### 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) |
| 24x20BC1 | 24" PPVs                    | 24" (610 mm) | 20' (6.1 m) |

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

For Duct with Adapter, models end with AD

### Hazardous Location Duct

| Model     | Pairs With                  | Diameter     | Length      |
|-----------|-----------------------------|--------------|-------------|
| 8x15HZ1   | 8" Nano                     | 8" (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 DUCTS CONFINED SPACE

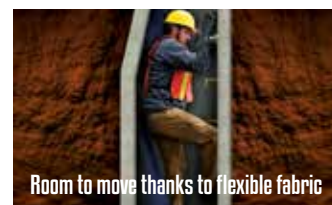
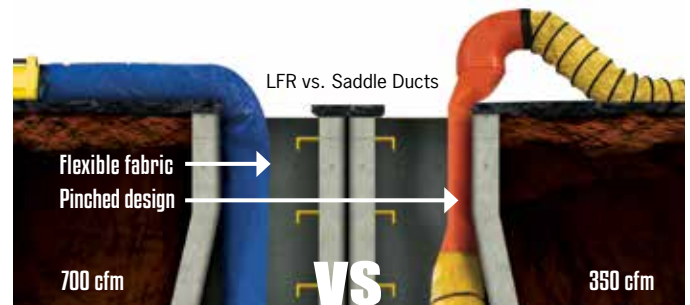


### LFR-BF Duct (for Nano and F Series)

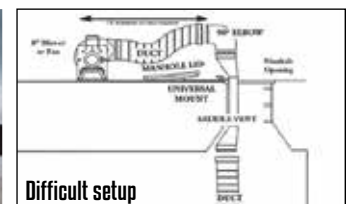
| Model  | Diameter                  | Weight      | Length                  |
|--------|---------------------------|-------------|-------------------------|
| LFR-BF | 9" - 229 mm (for 8" Nano) | Just 3 lbs. | 3' + 8' 0.91 m + 2.44 m |

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.)

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



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, including manhole lid.



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



## ADAPTERS SMOKE EJECTORS

### Manhole Adapter



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

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

Not for use if manhole is only egress.



### Belt-Cuff Duct Adapter

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

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

## ACCESSORIES MOUNTING FOR SMOKE EJECTORS

### Door Bar / Hanger

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

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



### Tilt Frame

| Model | Pairs With         | Weight          |
|-------|--------------------|-----------------|
| TF-12 | 12" Smoke Ejector* | 38 lbs<br>17 kg |
| TF-16 | 16" Smoke Ejector* | 42 lbs<br>19 kg |

\*Does not work with gas-powered smoke ejectors.

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



### Running Board Mount

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

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



## STORAGE

### WB Bracket

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

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



### Vinyl Cover

| Model       | Pairs With  |
|-------------|---|
| VINYL COVER | All PPVs and Smoke Ejectors<br>(Specify fan model when ordering.) |

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



## ENVIRONMENTAL CONTROL

### Rapid Tent and HeatPac 25

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

| Model      | Stowed / Deployed HxWxD |                  | Space  |                 |                 |   |
|------------|-------------------------|------------------|--|-----------------|-----------------|---|
| RT10X10RD  | 10" x 10" x 88"         | 8.5" x 10' x 10' | 100 sq. ft. of floor space + 7.5 ft. of headroom |                 |                 |   |
| Model      | Requirements            | Height           | Width  | Depth           | Weight          | Output                                    |
| HEATPAC 25 | Propane<br>2 lbs/hour   | 15.25"<br>387 mm | 33"<br>838 mm                                    | 13.5"<br>342 mm | 50 lbs<br>23 kg | 80° F of temp rise<br>@ 500 cfm (850 chm) |



# RESCUE SAWS

**PATENT PENDING**

## BATTERY-POWERED CHAINSAW CONVERSION KIT

**2-YEAR  
COMPONENT  
WARRANTY**

Super Vac's all-new Chain Saw Conversion Kits turn any ordinary 16" wood-cutting Makita, DeWalt, Milwaukee or Echo battery-powered chainsaw into the perfect overhaul or rapid intervention saw for firefighter operations. These battery-powered saws are usually only ideal for cutting wood, but this kit equips the saw with a carbide tip chainsaw chain capable of cutting through asphalt shingles, hurricane glass, roofing materials and more.\*



### 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

\* Heavier construction materials may cause chain wear.

### 16" Bar

| Component / Model No.             | Weight            | Materials  | Battery-Powered Saw Compatibility  |
|-----------------------------------|-------------------|--|--|
| Chain / SV375-16                  | 6.4 oz<br>182 g   | Chisel chain; carbide tipped (super grade for better impact resistance); loop for 16" bar, 3/8 x .050; single-raker design   | Makita: 18V X2 (36V) LXT Brushless Chainsaw<br>DeWalt: FLEXVOLT Cordless Chainsaw<br>Milwaukee: M18 Fuel Cordless Chainsaw<br>Echo: Echo 58V Cordless Chainsaw |
| Bar / SV530-16                    | 22.3 oz<br>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<br>448 g  | Billet aluminum for lightweight strength; CNC machined for precision; open design prevents clogging of debris                |  |
| Complete Kit / SV789-16           | See weights above | For the most economical package, consider the complete kit, which includes chain, bar and depth gauge (listed above).        |  |

## SVC4 CUTOFF SAWS

Rescue saws 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" - 390 mm x 765 mm x 280 mm**

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

### Features

- .404 Carbide Tooth Chisel Chain:** Takes big bites out of multiple layers
- 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
- Durable Aluminum Pull Handle:** Designed for thick rescue gloves
- Full-Wrap Handle:** Makes front-facing and overhead operations easier
- Airmaster Filtration System:** Three-chambered system stops large particles before they reach the secondary filter
- Lateral Chain Tensioning:** Developed for fast, on-the-go adjustments



Full-Wrap Depth Guard



Quick Silver Depth Gauge

**2-YEAR  
WARRANTY**

**16" Bar** - H x W x D: 11.25" x 13" x 34.5" - 285 mm x 330 mm x 875 mm

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

**20" Bar** - H x W x D: 11.25" x 13" x 38.5" - 285 mm x 330 mm x 980 mm

| Model     | Depth Gauge  | Weight             | Engine                                    | RPM    | Pitch / Gauge (in)              | Fuel Capacity     |
|-----------|--------------|--------------------|---|--------|---------------------------------|-------------------|
| SV3-20    | Full Wrap    | 21.6 lbs<br>9.8 kg | Makita, 2-stroke, 78.5cc 5.7 BHP – 4.3 kw | 12,800 | .404 / .063 in<br>.063 = 1.6 mm | 25.36 oz<br>.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 Bottle of 2 Cycle Oil  |
| 1 Spare Tiger Tooth Blade    | 1 One Gallon Gas Can     |
| 1 Pair Safety Glasses        | 1 Treadplate Storage Box |
| 1 Pair of Ear Plugs          | 1 Drive Belt             |
| 1 Pair of Gloves             | 1 Fuel Cap               |
|                              | 1 Starter Cord           |
|                              | 1 Air Filter             |
|                              | 1 Spark Plug             |

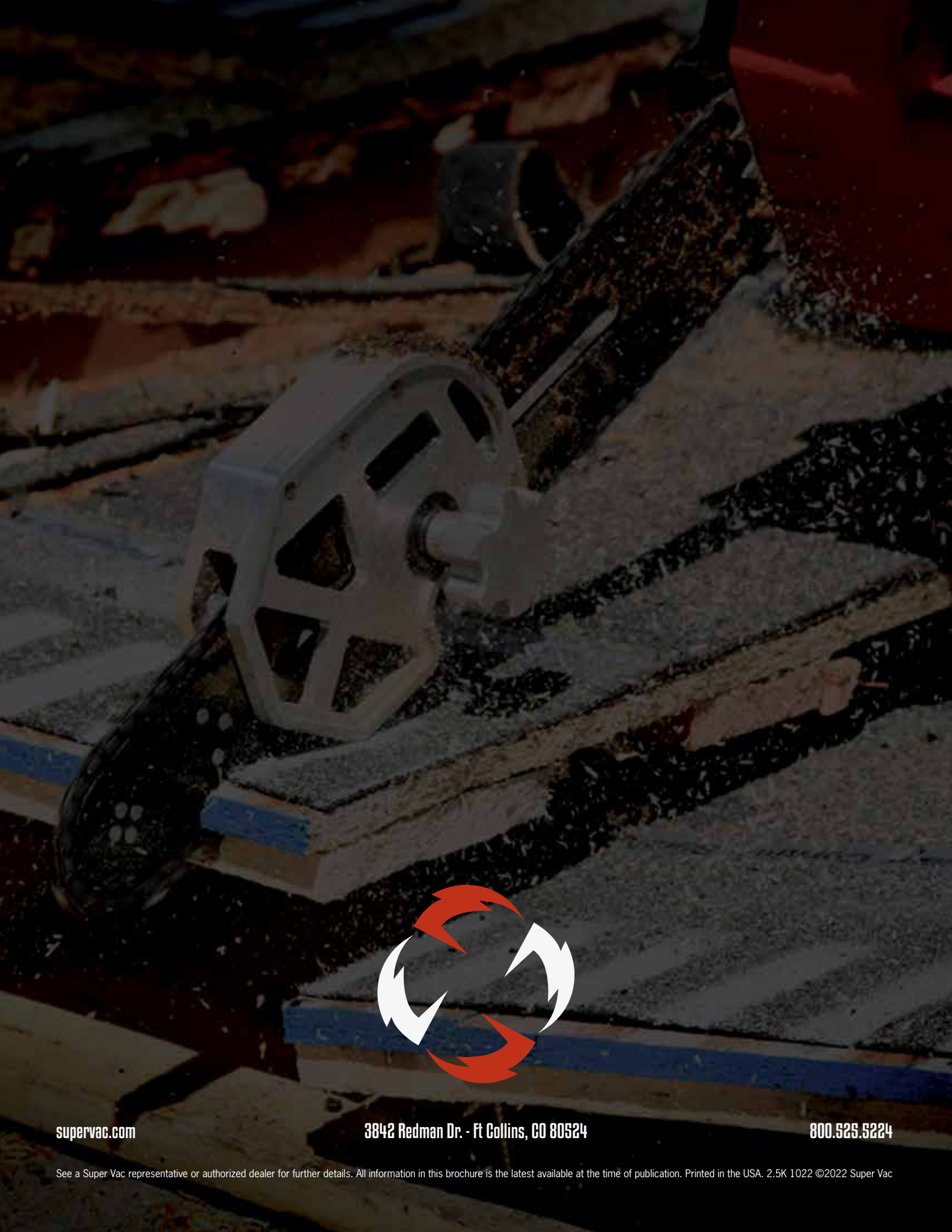


Models:  
SV3-16-KIT-AL  
SV3-20-KIT-AL

### SV3 Chain Saw Kit

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





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

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