

SUPERVAC



Time Tested, Firefighter Proven

supervac.com

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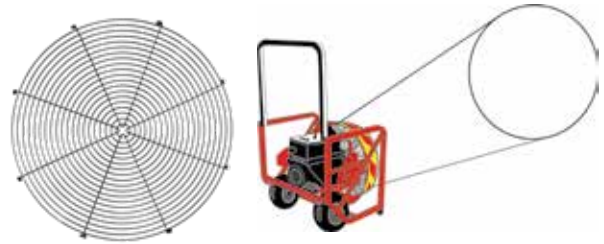
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Super Vac's Air Cone Guard

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 6'
- ◊ Perfect for:
 - High-flow situations
 - Small front porches
 - Stoops
 - Urban residential areas with numerous steps that limit space
 - Narrow walkways in hotels, apartment complexes, etc.
 - Hallways in hospitals, office buildings, etc.
 - Rear entrances with decks
- ◊ Slightly less expensive and less weight
- ◊ Great for use in V-Attack
- ◊ Super Vac quality, backed with a 5-year warranty

StreamShaper Guard

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

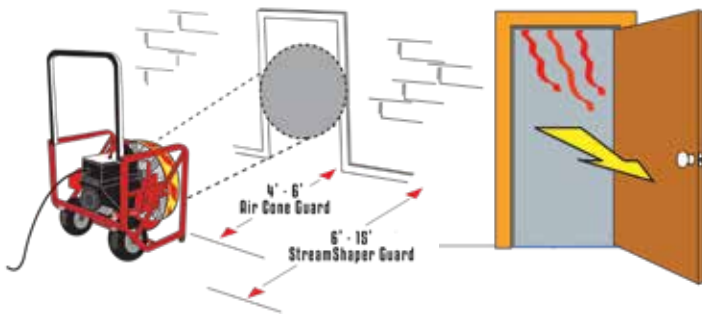
Standard on all Valor Series PPVs



Advantages of the StreamShaper Guard

- ◊ Farther setup:
 - Setback distance up to 15'
- ◊ Perfect for:
 - High-pressure situations
 - High-rise buildings
 - Homes with multiple small rooms
 - Buildings with fewer entrance steps
- ◊ More room for operations at entrances
- ◊ Creates less noise
- ◊ Provides slightly higher airflow
- ◊ Great for use in V-Attack
- ◊ Super Vac quality, back with a 5-year warranty

FAN PLACEMENT INSTRUCTIONS

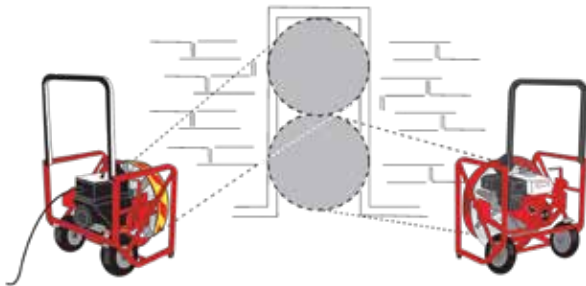


Single-Fan Attack

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

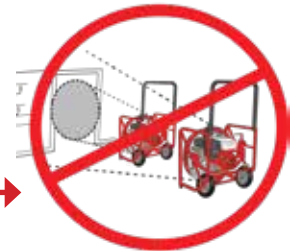
The SmokeBlockAid (Page 16) can also be hung in the doorway to control oxygen to the fire.

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

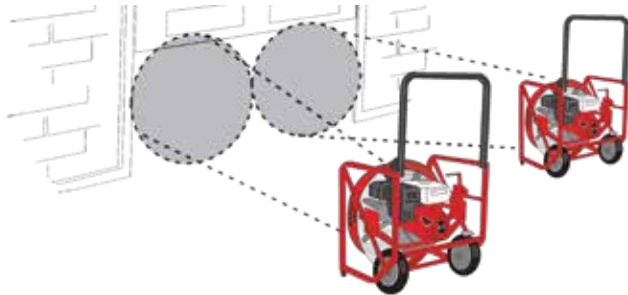


Doorway V-Attack

The design of the V-Attack is such that the door is sealed top to bottom with the units at 45° angles. This leaves a straight shot for attack lines.



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



Garage Door V-Attack

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

Extension Cords

Extension cords work in much the same way as a fire hose — the longer the extension cord, the less voltage at its workable end. Simply put, more pressure is required for 100 gpm at the end of a 400 foot 1-1/2" hose than for 100 gpm at the end of a 50 foot 1 1/2" hose. To overcome this issue, use extension cords with heavier wires, which conduct more electricity and result in lower voltage drop. Note: An undersized cord can cut the smoke ejector's performance below motor nameplate specifications.

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

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

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



Cord Reels

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

ELECTRIC PPVs

VALOR

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

**5-YEAR
WARRANTY**



Frame Features

- 1 **Full-Roll Cage Frame:** Features a tough, tubular aluminum frame to protect key components; delivers a lightweight design (15% lighter than steel frames)
- 2 **7-Position Tilt Frame with Step Pad:** Provides positive/negative angles; allows for fan placement on stairs; allows tall firefighters to easily move fan
- 3 **Fold-Down Ergonomic Handle:** Folds down into frame for compact storage; features full-width handle for easy grip with heavy-duty gloves
- 4 **Flat-Proof Rubber Tires:** Eliminates flat tires; rolls up stairs and curbs easily; tires are placed on the back of the frame so that firefighters never have to put themselves between the PPV and the fire during setup

Fan Features

- 5 **Single-Piece Cast Aluminum Blade:** Holds up better than plastic in high heat
- 6 **Precision-Spun Steel Shroud:** Provides durability with maximum airflow
- 7 **StreamShaper Guard:** Standard guard, designed for farther setback; Air Cone Guard available by request
- 8 **AMCA Licensed Airflow:** Ratings listed below are based on tests in accordance with Air Movement Control Association (AMCA publication 211) and comply with the AMCA certified ratings program



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

Model	Weight	Motor	RPM	Start	Run	Setback	Angle	Output
V18-ES	80 lbs 36.5 kg	Leeson, single speed, TEAO, 1Hp, 60/50hz, 115/230V	1,750	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 Group 1 Class D, 1Hp, 60/50hz, 115/230V AC	1,750	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	Bluffton, Variable speed 1.5HP 60/50HZ 115/230V AC	2,400	2,000 w 15-amp circuit	1,500 w	9 ft 2.7 m	14°	10,744 cfm 18,254 cmh

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

Model	Weight	Motor	RPM	Start	Run	Setback	Angle	Output
V20-ES	82 lbs 37 kg	Leeson, single speed, TEAO, 1Hp, 60/50hz, 115/230V	1,750	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 Group 1 Class D, 1Hp, 60/50hz, 115/230V AC	1,750	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	Bluffton, variable speed 1.5HP 60/50 HZ 115/230V AC	2,400	2,000 w 15-amp circuit	1,500 w	9 ft 2.7m	11°	13,788 cfm 23,426 cmh



**5-YEAR
WARRANTY**

7 SERIES

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

Features

- 1 **Full-Roll Cage Frame:** Protects key components
- 2 **4-Position Tilt Frame with Lever:** Provides -10°, 0°, 10°, 20°
- 3 **Fold-Down Ergonomic Handle:** Folds down into frame for compact storage; features full-width handle for easy grip with heavy-duty gloves
- 4 **Flat-Proof Rubber Tires:** Eliminates flat tires; rolls up stairs/curbs easily
- 5 **Single-Piece Cast Aluminum Blade:** Holds up better than plastic in high heat
- 6 **Precision-Spun Steel Shroud:** Provides durability with max airflow
- 7 **Air Cone Guard:** Classic design for maximum airflow; StreamShaper Guard optional

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

Model	Weight	Motor	RPM	Start	Run	Setback	Angle	Output
716-E2	68 lbs 31 kg	Leeson, single speed, TEAO, 1Hp, 60/50hz, 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 Group 1 Class D, 1Hp, 60/50hz, 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	Bluffton, variable speed, 1.5 Hp, 60/50hz, 115/230V AC	2,500	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" - 559mm x 597mm x 495mm

Model	Weight	Motor	RPM	Start	Run	Setback	Angle	Output
718-E2	82 lbs 37 kg	Leeson, single speed, TEAO, 1Hp, 60/50hz, 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 Group 1 Class D, 1Hp, 60/50hz, 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	Bluffton, variable speed, 1.5 Hp, 60/50hz, 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
Model	Weight	Motor	Run Time			Setback	Angle	Output
718-B	68 lbs 31 kg	Leeson, variable speed, 1 Hp, 24V Lithium Ion Battery Battery adds 31 lbs (14 kg)	30 min - 120 min - 1,000 cycles can be plugged into 115V AC			6 ft 1.8 m	18°	8,699 cfm 14,780 cmh

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

Model	Weight	Motor	RPM	Start	Run	Setback	Angle	Output
720-E2	88 lbs 40 kg	Leeson, single speed, TEAO, 1Hp, 60/50hz, 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 Group 1 Class D, 1Hp, 60/50hz, 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	Bluffton, variable speed, 1.5 Hp, 60/50hz, 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" - 711mm x 749mm x 533mm

Model	Weight	Motor	RPM	Start	Run	Setback	Angle	Output
724-E2	104 lbs 47.5 kg	Leeson, single speed, TEAO, 1Hp, 60/50hz, 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 Group 1 Class D, 1Hp, 60/50hz, 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	Bluffton, variable speed, 1.5 Hp, 60/50hz, 115/230V AC	2,400	2,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	16,370 cfm 27,815 cmh

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

VALOR

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



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

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

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

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

Frame Features

- 1 Full-Roll Cage Frame:** Features a tough, tubular aluminum frame to protect key components; delivers a lightweight design (15% lighter than steel frames)
- 2 7-Position Tilt Frame with Step Pad:** Provides positive/negative angles; allows for fan placement on stairs; allows tall firefighters to easily move fan
- 3 Fold-Down Ergonomic Handle:** Folds down into frame for compact storage; features full-width handle for easy grip with heavy-duty gloves
- 4 Flat-Proof Rubber Tires:** Eliminates flat tires; rolls up stairs and curbs easily; tires are placed on the back of the frame so that firefighters never have to put themselves between the PPV and the fire during setup

Fan Features

- 5 Single-Piece Cast Aluminum Blade:** Holds up better than plastic in high heat
- 6 Precision-Spun Steel Shroud:** Provides durability with max airflow
- 7 StreamShaper Guard:** Standard guard, designed for farther setback; Air Cone Guard available by request
- 8 AMCA Licensed Airflow:** Ratings listed below are based on tests in accordance with Air Movement Control Association (AMCA publication 211) and comply with the AMCA certified ratings program



**5-YEAR
WARRANTY**



7 SERIES

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

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

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

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

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 and 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" - 648mm x 660mm x 495mm

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 and 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" - 711mm x 749mm x 533mm

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	Briggs and Stratton	306 cc	3,245	6 ft 1.8 m	18°	21,100 cfm 35,850 cmh

Features

- 1 Full-Roll Cage Frame:** Protects key components
- 2 4-Position Tilt Frame with Lever:** Provides -10°, 0°, 10°, 20°
- 3 Fold-Down Ergonomic Handle:** Folds down into frame for compact storage; features full-width handle for easy grip with heavy-duty gloves
- 4 Flat-Proof Rubber Tires:** Eliminates flat tires; rolls up stairs/curbs easily
- 5 Single-Piece Cast Aluminum Blade:** Holds up better than plastic in high heat
- 6 Precision-Spun Steel Shroud:** Provides durability with max airflow
- 7 Air Cone Guard:** Classic design for maximum airflow; StreamShaper Guard optional

**5-YEAR
WARRANTY**



BATTERY AND WATER TURBINE PPVs

VALOR

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

Frame Features

- 1 Full-Roll Cage Frame:** Features a tough, tubular aluminum frame to protect key components; delivers a lightweight design (15% lighter than steel frames)
- 2 5-Position Tilt Frame with Step Pad:** Provides positive/negative angles; allows for fan placement on stairs; allows tall firefighters to easily move fan
- 3 Fold-Down Ergonomic Handle:** Folds down into frame for compact storage; features full-width handle for easy grip with heavy-duty gloves
- 4 Flat-Proof Rubber Tires:** Eliminates flat tires; rolls up stairs and curbs easily; tires are placed on the back of the frame so that firefighters never have to put themselves between the PPV and the fire during setup

16" Blades - H x W x D: 23.5" x 23" x 22" - 600mm x 560mm x 585mm

Model	Weight	Motor	RPM	Run Time	Setback	Angle	Output
V18-B	95 lbs 43kg	Leeson, variable speed, 24VDC	2,477	25 minute battery continuous 120VAC	9 ft 2.7m	10°	8,699 cfm 14,780 cmh



Fan Features

- 5 Single-Piece Cast Aluminum Blade:** Holds up better than plastic in high heat
- 6 Precision-Spun Steel Shroud:** Provides durability with max airflow
- 7 StreamShaper Guard:** Standard guard, designed for farther setback; Air Cone Guard available by request
- 8 AMCA Licensed Airflow:** Ratings listed below are based on tests in accordance with Air Movement Control Association (AMCA publication 211) and comply with the AMCA certified ratings program
- 9 5-YEAR WARRANTY**

WT SERIES

5-YEAR WARRANTY

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.



Features

- 1 Full-Roll Cage Frame:** Protects components
- 2 4-Position Tilt Frame with Step Brake:** Provides -10°, 0°, 10°, 20°; brake locks fan in place during use
- 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 max airflow; StreamShaper Guard optional

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

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

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

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" - 648mm x 648mm x 476mm

Model	Weight	Power	Consumption	Output
720WT	78lbs 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" - 705mm x 737mm x 533mm

Model	Weight	Power	Consumption	Output
724WT	88lbs 40kg	12 hp water turbine 100-250 psi	150 gpm	22,470 cfm 38,175 cmh

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

Model	Weight	Power	Consumption	Output
730WT	102 lbs 46.5 kg	12 hp water turbine 100-250 psi	150 gpm	24,800 cfm 42,135 cmh



LIGHT KITS for Valor PPV Handles

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



LIGHT KITS 12-Watt Spot/Combo LED

This LED light kit adds a 12-watt spot/combo LED to any electric- or Honda GX200-powered PPV. These LEDs are mounted to the fold-down handle and add 1/2" (13mm) height to the stowed dimensions.



PPV DUCT

You won't find a more durable, long-lasting duct than our PPV Spiral Ducts, ideal for moving large quantities of air into hard-to-reach places using positive pressure. All ducts come with a built-in storage bag for easy transportation, and hot-melt wear strips cover the helix for added durability.

Standard Duct

Model	Diameter	Length
16x20BC1	16" - 406mm	20' - 6.1m
20x20BC1*	20" - 508mm	20' - 6.1m
24x20BC1	24" - 610mm	20' - 6.1m

Hazardous Location Duct

Model	Diameter	Length
16x20HZ1	16" - 406mm	20' - 6.1m
20x20HZ1*	20" - 508mm	20' - 6.1m
24x20HZ1	24" - 610mm	20' - 6.1m

* 20" duct fits both 18 and 20" PPVs.



EXHAUST EXTENSION AND HEAT SHIELD

The Exhaust Extension removes the majority of exhaust emissions out of the airstream and away from the gasoline engine and PPV intake.

The Heat Shield slips over the Exhaust Extension and protects personnel from hot metal hose burns.



HIGH-EXPANSION FOAM GENERATOR

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

Includes: Metal shroud, foam expansion netting and a 30 GPM in-line educator.



CHEVRON DECAL

Improve visibility of your fan by adding a reflective Chevron Decal to any PPV. Available in NFPA 1901 red/yellow and red/white. Note: The Valor comes standard with a red/yellow chevron.



RUNNING BOARD MOUNT

These mounts allow you to securely carry a Super Vac fan on the running board of your vehicle for quick access. These mounts also can be used to lock PPVs in place within a compartment.



TINY TACH

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



VINYL COVER

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

Please specify model number when ordering.



IONPAC 2.0

Equip your 7 Series 718-B PPV with a spare battery pack. Depending on fan speed, it can last up to 1,000 cycles or 25 minutes on fast speeds and 2 hours on slower speeds. Weight: 31 lbs.

LARGE-SCALE GAS OR DIESEL PPVs

SVU

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

SVU FEATURES ▶



48" Blade in Gas or Diesel - H x W x D: 70" x 70" x 42" - 178cm x 178cm x 107cm

Model	Weight	Engine	Displacement	RPM	Setback	Angle	Output
Gas	3,800 lbs 1,725 kg	Suburu 2.5L 4 Cylinder	2.5L	4,200	30 ft 9m	0°	250,000 cfm 424,750 cmh
Diesel	4,100 lbs 1,860 kg	Isuzu 3.0 Diesel	3.0L	2,450	30 ft 9m	0°	200,000 cfm 339,800 cmh

730G4-H

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

**5-YEAR
WARRANTY**

Features

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



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

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

SVU Features

- 1 **6-Point Carbon Fiber Blade:**
Features a 48" diameter (122cm)
- 2 **Choice of Direct-Drive Engine:**
 - ◊ Subaru 4 Cylinder Gas Engine
Performance: 165 HP - 123kw
Fuel Consumption: 5 gph - 19L/hr
Fuel Tank Capacity: 10 g - 38L
 - ◊ Isuzu 3.0 Diesel Engine
Performance: 130 HP - 97kw
Fuel Consumption: 4.5 gph - 17L/hr
Fuel Tank Capacity: 18 g - 68L

- 3 **Customize to Fit Your Needs:**
 - ◊ Mistring Ring: Provides 30 GPM at 60 psi
 - ◊ Electric Turntable: Rotates fan up to 270°
 - ◊ Scissor Lift: Extends 65" in the air, tilts 20° up and down
 - ◊ LED Lighting Packages
- 4 **Mounting Options:**
 - ◊ Custom Trailer
 - ◊ Skid Unit
 - ◊ Truck or Flatbed Trailer
- 5 **1-Year Warranty**



BFF

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

Features

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



80" Blade - H x W x D: 88" x 84" x 60" - 2235mm x 2134mm x 1524mm

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

SMOKE EJECTORS

ELECTRIC

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

Features

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



**5-YEAR
WARRANTY**

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

Model	Weight	Motor	RPM	Start	Run	Output
P124S	40 lbs 18 kg	Bluffton, single speed, TEAO, 1/2 Hp, 60/50hz, 115/230V	3,450	2,000 w 15-amp circuit	800 w	Shroud: 2,590 cfm - 4,400 cmh Venturi: 3,700 cfm - 6,285 cmh
P124SE	42 lbs 19 kg	Bluffton, single speed, hazardous location rated for Group 1 Class D, 1/2 Hp, 60hz, 115/230V	3,450	2000 w 15-amp circuit	800 w	Shroud: 2,590 cfm - 4,400 cmh Venturi: 3,700 cfm - 6,285 cmh

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

Model	Weight	Motor	RPM	Start	Run	Output
P164S	44 lbs 20 kg	Bluffton, single speed, TEAO, 1/3 Hp, 60/50hz, 115/230V	1,725	2,000 w 15-amp circuit	700 w	Shroud: 3,200 cfm - 5,435 cmh Venturi: 5,200 cfm - 8,835 cmh
HF164	59 lbs 27 kg	Bluffton, single speed, TEAO, 1-1/2 Hp, 60hz, 115/230V	3,450	6,000 w 20-amp circuit	2,100 w	Shroud: 4,950 cfm - 8,410 cmh Venturi: 9,620 cfm - 16,345 cmh
P164SE	49 lbs 22 kg	Bluffton, single speed, hazardous location rated for Group 1 Class D, 1/3 Hp, 60hz, 115/230V	1,725	2,000 w 15-amp circuit	700 w	Shroud: 3,200 cfm - 5,435 cmh Venturi: 5,200 cfm - 8,835 cmh
HF164E	63 lbs 28.5 kg	Bluffton, single speed, hazardous location rated Class 1 Group D, 1-1/2 Hp, 60hz, 115/230V	3,450	6,000 w 20-amp circuit	2,100 w	Shroud: 4,950 cfm - 8,410 cmh Venturi: 9,620 cfm - 16,345 cmh
Model	Weight	Motor	Run Time		Output	
P164B	35 lbs 16 kg	Leeson, variable speed, 1 Hp, 24V Lithium Ion Battery Battery adds 31 lbs (14 kg)	60 min - 1,000 cycles can be plugged into 115V AC		Shroud: 3,200 cfm - 5,435 cmh Venturi: 5,200 cfm - 8,835 cmh	

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

Model	Weight	Motor	RPM	Start	Run	Output
P200S	85 lbs 38.5 kg	Bluffton, single speed, TEAO, 1 Hp, 60hz, 115/230V	1,725	4,000 w 15-amp circuit	1,500 w	Shroud: 5,840 cfm - 9,925 cmh Venturi: 9,800 cfm - 16,650 cmh
P200SE	93 lbs 42 kg	Bluffton, single speed, hazardous location rated for Group 1 Class D, 1 Hp, 60hz, 115/230V	1,725	4,000 w 15-amp circuit	1500 w	Shroud: 5,840 cfm - 9,925 cmh Venturi: 9,800 cfm - 16,650 cmh

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

Model	Weight	Motor	RPM	Start	Run	Output
P244S	110 lbs 50 kg	Bluffton, single speed, TEAO, 1-1/2 Hp, 60hz, 115/230V	1,725	6,000 w 20-amp circuit	2,100 w	Shroud: 7,790 cfm - 13,235 cmh Venturi: 11,800 cfm - 20,050 cmh
P244SE	115 lbs 52 kg	Bluffton, single speed, hazardous location rated for Group 1 Class D, 1-1/2 Hp, 60hz, 115/230V	1,725	6,000 w 20-amp circuit	2,100 w	Shroud: 7,790 cfm - 13,235 cmh Venturi: 11,800 cfm - 20,050 cmh

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

GAS

The smallest gas-powered fan in the industry, this Smoke Ejector can fit into tight compartments, yet has the cfm output of a 20" electrical smoke ejector thanks to its powerful Honda GX engine.

Features

- 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" - 495mm x 483mm x 394mm

Model	Weight	Engine	Displacement	RPM	Output
GP164S	55 lbs - 25 kg	Honda GX120	118 cc	3,500	Shroud: 4,750 cfm - 8,070 cmh Venturi: 9,250 cfm - 15,715 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.

Features

- 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" - 394mm x 381mm x 330mm

Model	Weight	Power	Consumption	Output
P124WT	50 lbs - 23 kg	5.5 Hp Water Turbine - 100 - 250 PSI	65 gpm	Shroud: 3,000 cfm - 5,100 cmh Venturi: 4,300 cfm - 7,305 cmh

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

Model	Weight	Power	Consumption	Output
P164WT	57 lbs - 26 kg	5.5 Hp Water Turbine - 100 - 250 PSI	65 gpm	Shroud: 5,100 cfm - 8,665 cmh Venturi: 9,950 cfm - 16,905 cmh

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

Model	Weight	Power	Consumption	Output
P200WT	88 lbs - 40 kg	5.5 Hp Water Turbine - 100 - 250 PSI	65 gpm	Shroud: 6,400 cfm - 10,875 cmh Venturi: 10,800 cfm - 18,350 cmh

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

Model	Weight	Power	Consumption	Output
P244WT	123 lbs - 56 kg	5.5 Hp Water Turbine - 100 - 250 PSI	65 gpm	Shroud: 9,500 cfm - 16,140 cmh Venturi: 14,200 cfm - 24,125 cmh

SMOKE EJECTOR ACCESSORIES

SPIRAL DUCTS

You won't find a more durable, long-lasting duct than Super Vac's Smoke Ejector Spiral Ducts, ideal for moving large quantities of air into hard-to-reach places using positive pressure. All ducts come with a built-in storage bag for easy transportation, and hot-melt wear strips cover the helix for added durability.

Available in the following:



Standard Duct with adapter

Model	Diameter	Length
12x20AD1	12" – 305mm	20' – 6.1m
16x20AD1	16" – 406mm	20' – 6.1m
20x20AD1	20" – 508mm	20' – 6.1m
24x20AD1	24" – 610mm	20' – 6.1m

For duct only (no adapter), models end with BC1



Hazardous Location Duct with adapter and featuring static-dissipating material for explosive environments

Model	Diameter	Length
12x20HZAD	12" – 305mm	20' – 6.1m
16x20HZAD	16" – 406mm	20' – 6.1m
20x20HZAD	20" – 508mm	20' – 6.1m
24x20HZAD	24" – 610mm	20' – 6.1m

For duct only (no adapter) models end with HZ1



L Duct with adapter

Perfect for ventilating manholes and other tight areas, the L Duct should only be used on the discharge side of the fan.

Model	Diameter	Length
LD12-3x8	12" – 305mm	3'+8" – 0.91m+2.44m
LD16-3x8	16" – 406mm	3'+8" – 0.91m+2.44m

Option: Customize horizontal length up to 25' or vertical length up to 20'

Duct Adapter



The duct adapter helps you attach 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"-24" smoke ejectors.



DOOR BAR / HANGER

Dual Hangers allows you to hang a smoke ejector virtually anywhere — ladders, doors, windows, casements, awnings and more. Used in conjunction with the Door Bar, they permit fan placement at any height.

Door Bar Specifications:

Range: 26"– 60"

Weight: 13 lbs.

The Extension Bar comes standard. Both items can be purchased separately.



FOAM GENERATOR

This foam generator attaches easily to any 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 mining operations, ship-hold areas and scenes with flammable liquids. It can also be used with most Super Vac PPVs.

Includes: Metal shroud, foam expansion netting and a 30 GPM in-line educator. Can be ordered in either red or blue.



TILT FRAME

This bracket, which easily retrofits onto any new or existing Super Vac Smoke Ejector, will help point airflow precisely in any direction, at any angle for quick setup and effortless tilting.

Available for 12" to 16" Super Vac Smoke Ejectors



VINYL COVER

Protect your Super Vac Smoke Ejector with a vinyl fan cover. Available in red or yellow for all smoke ejectors up to 24".

Please specify model number when ordering.



RUNNING BOARD MOUNT

These mounts allow you to securely carry a Super Vac fan on the running board of your vehicle for quick access. These mounts can also be used to lock PPVs in place within a compartment.

IONPAC 2.0

Equip your P164B with a spare battery pack. Depending on fan speed, it can last up to 1,000 cycles or 25 minutes on fast speeds and 2 hours on slower speeds. Weight: 31 lbs.



CUTOFF SAWS

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

Features

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

2-YEAR WARRANTY

Kits available for any saw

- 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 Water Supply Inlet with Intake Filter:** Helps protect against dust

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

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

CHAIN SAWS

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



Full-Depth Guard



Quick Silver Depth Guard

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

2-YEAR WARRANTY

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

Model	Depth Gauge	Weight	Engine	RPM	Pitch / Gauge (in)	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 / .050	25.36 oz - .75 L
SV3-16-QS	Quick Silver					

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

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 / .050	25.36 oz - .75 L
SV3-20-QS	Quick Silver					

ENVIRONMENTAL CONTROL

SmokeBlockAid

U.S. Patent #7810576

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

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



Model	Min Width	Max Width	Height	Material	Ratchet
Standard	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
XL	36" - 91 cm	56" - 142 cm	75" - 1.9 m		

RAPID TENT

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



▲ Deployed HxWxD – 7.5' x 10' x 10'



Stowed HxWxD – 10' x 10' x 88" ▶

HEAT PAC 25

The perfect complement to the Super Vac Rapid Tent, the HeatPac25 provides fresh, warm air at a temperature rise of 80° over ambient. Featuring an 8" blower and CGA-approved heater, the unit is portable and connects to a standard propane tank. The supplied 25' duct allows crews to deliver warm air with precision.

HxWxD – 15.25" x 33" x 13.5"
 Weight – 50 lbs.
 Output – 70,000 BTUs



SMOKE MACHINES

CLOUD 9

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

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



S-975

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

Model	Weight	Outlets	Power Requirements	Fluid Tank	Fluid Consumption	Output
S-975	132 lbs - 60 kg	1	1,15V AC - 1,400 w	.67 g - 2.5 L	.33 gph - 1.25 L /hr	2,500 cfm - 4,250 cmh
S-995	132 lbs - 60 kg	2	2,30V AC - 1,400 w	.67 g - 2.5 L	.33 gph - 1.25 L /hr	5,000 cfm - 8,495 cmh

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:** Made of brass, prevents rust; connects to any garden hose or auxiliary line; design reduces ambient air stream by 30° F
- 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 **Precision-Balanced Blade:** Maximizes output
- 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**



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

Model	Weight	Motor	RPM	Start	Run	Output
F164M	41 lbs 18.5 kg	Bluffton, single speed, TEAO, 1/3 Hp, 60/50hz, 115/230V	1725	2,000 w 15-amp circuit	700 w	Shroud: 3,200 cfm - 5435 cmh Venturi: 5,200 cfm - 8835 cmh

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

MOUNTAIN MISTER

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

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



LONDON FOGGER

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

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



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

Model	Weight	Outlets	Power Requirements	Warm Up Time	Fluid Consumption	Output
S-575	26 lbs - 12 kg	1	1,15V AC - 1400 w	10 min	35 oz/hr - 1,035 ml/hr	1,800 cfm - 3,060 cmh
S-585	26 lbs - 12 kg	1	2,30V AC - 1400 w	10 min	35 oz/hr - 1,035 ml/hr	1,800 cfm - 3,060 cmh
S-595	26 lbs - 12 kg	2	2,30V AC - 1400 w	10 min	70 oz/hr - 2,070 ml/hr	3,600 cfm - 6,115 cmh

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

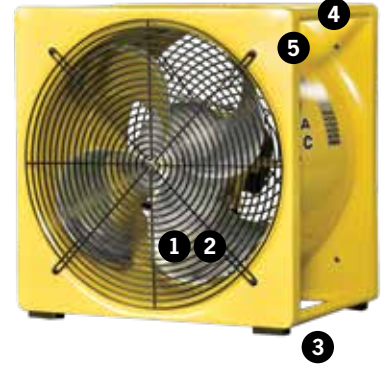
CONFINED SPACE

F SERIES

**5-YEAR
WARRANTY**

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

- 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" - 394mm x 381mm x 330mm *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, 60/50hz, 115/230V	1,725	2,000 w 15-amp circuit	800 w	Shroud: 1,300 cfm - 2,210 cmh Venturi: 2,100 cfm - 3,570 cmh
HF124	40 lbs 18 kg	Bluffton, single speed, TEAO, 1/2 Hp, 60/50hz, 115/230V	3,450	2,000 w 15-amp circuit	800 w	Shroud: 2,590 cfm - 4,400 cmh Venturi: 3,700 cfm - 6,285 cmh
F124E	42 lbs 19 kg	Bluffton, single speed, hazardous location rated for Group 1 Class D, 1/3 Hp, 60hz, 115/230V	1,725	2,000 w 15-amp circuit	800 w	Shroud: 1,300 cfm - 2,210 cmh Venturi: 2,100 cfm - 3,570 cmh
HF124E	42 lbs 19 kg	Bluffton, single speed, hazardous location rated for Group 1 Class D, 1/2 Hp, 60hz, 115/230V	3,450	2,000 w 15-amp circuit	800 w	Shroud: 2,590 cfm - 4,400 cmh Venturi: 3,700 cfm - 6,285 cmh
VF124	40 lbs 18 kg	Bluffton, variable speed, TEAO, 1 Hp, 60 hz, 115/230V	2,500	2,000 w 15-amp circuit	800 w	Shroud: 1,900 cfm - 3,230 cmh Venturi: 3,100 cfm - 5,265 cmh
AF124	39 lbs 18 kg	Pneumatic, 1/2 Hp	2,000	80 PSI - 27 cfm		Shroud: 2,800 cfm - 4,755 cmh Venturi: 3,800 cfm - 6,455 cmh

16" Blades - H x W x D: 19.25" x 18.75" x 13" - 489mm x 477mm x 330mm *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, 60/50hz, 115/230V	1,725	2,000 w 15-amp circuit	700 w	Shroud: 3,200 cfm - 5,435 cmh Venturi: 5,200 cfm - 8,835 cmh
HF164	59 lbs 27 kg	Bluffton, single speed, TEAO, 1-1/2 Hp, 60hz, 115/230V	3,450	6,000 w 20-amp circuit	2,100 w	Shroud: 4,950 cfm - 8,410 cmh Venturi: 9,620 cfm - 16,345 cmh
F164E	49 lbs 22 kg	Bluffton, single speed, hazardous location rated for Group 1 Class D, 1/3 Hp, 60hz, 115/230V	1,725	2,000 w 15-amp circuit	700 w	Shroud: 3,200 cfm - 5,435 cmh Venturi: 5,200 cfm - 8,835 cmh
HF164E	63 lbs 28.5 kg	Bluffton, single speed, hazardous location rated Class 1 Group D, 1-1/2 Hp, 60hz, 115/230V	3,450	6,000 w 20-amp circuit	2,100 w	Shroud: 4,950 cfm - 8,410 cmh Venturi: 9,620 cfm - 16,345 cmh
VF164	52 lbs 23.5 kg	Bluffton, variable speed, TEAO, 1 Hp, 60 hz, 115/230V	2,500	2,000 w 15-amp circuit	800 w	Shroud: 3,500 cfm - 5,945 cmh Venturi: 5,900 cfm - 10,025 cmh
AF164	45 lbs 20.5 kg	Pneumatic, 1-1/2 Hp	3,600	100 PSI - 75 cfm		Shroud: 5,100 cfm - 8,665 cmh Venturi: 9,600 cfm - 16,310 cmh

20" Blades - H x W x D: 25.5" x 24.75" x 16.25" - 648mm x 629mm x 413mm *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, 60hz, 115/230V	1,725	4,000 w 15-amp circuit	1,500 w	Shroud: 5,840 cfm - 9,925 cmh Venturi: 9,500 cfm - 16,140 cmh
F200E	93 lbs 42 kg	Bluffton, single speed, hazardous location rated for Group 1 Class D, 1 Hp, 60hz, 115/230V	1,725	4,000 w 15-amp circuit	1,500 w	Shroud: 5,840 cfm - 9,925 cmh Venturi: 9,500 cfm - 16,140 cmh
VF200	88 lbs 40 kg	Bluffton, variable speed, TEAO, 1 Hp, 60 hz, 115/230V	2,500	2,000 w 15-amp circuit	800 w	Shroud: 6,900 cfm - 11,720 cmh Venturi: 9,800 cfm - 16,650 cmh
AF200	60 lbs 27 kg	Pneumatic, 1-1/2 Hp	3,600	100 PSI - 75 cfm		Shroud: 6,700 cfm - 11,380 cmh Venturi: 9,800 cfm - 16,650 cmh

24" Blades - H x W x D: 28.5" x 28" x 18.75" - 724mm x 711mm x 477mm *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, 60hz, 115/230V	1,725	6,000 w 20-amp circuit	2,100 w	Shroud: 7,790 cfm - 13,235 cmh Venturi: 11,800 cfm - 20,050 cmh
F244E	115 lbs 52 kg	Bluffton, single speed, hazardous location rated for Group 1 Class D, 1-1/2 Hp, 60hz, 115/230V	1,725	6,000 w 20-amp circuit	2,100 w	Shroud: 7,790 cfm - 13,235 cmh Venturi: 11,800 cfm - 20,050 cmh
AF244	105 lbs 48 kg	Pneumatic, 5 Hp	2,250	100 PSI - 100 cfm		Shroud: 9,700 cfm - 16,480 cmh Venturi: 14,200 cfm - 24,125 cmh

NANO

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

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



5-YEAR WARRANTY

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

Model	Weight	Motor	Output	NANO PACS
P8S	20 lbs - 9 kg	1/3 Hp, TEAO (Totally Enclosed Air Over), 60/50hz, 115/230V	1,037 cfm - 1,760 cmh	Available as kit with 15' or 25' standard duct
P8XE	22 lbs - 10 kg	1/3 Hp, hazardous location rated for Group 1 Class D, 60hz, 115/230V	1,037 cfm - 1,760 cmh	Available as kit with 15' or 25' static dissipating duct

DUCTS

SPIRAL DUCTS

You won't find a more durable, long-lasting duct than Super Vac's Smoke Ejector Spiral Ducts, ideal for moving large quantities of air into hard-to-reach places using positive pressure. All ducts come with a built-in storage bag for easy transportation, and hot-melt wear strips cover the helix for added durability.



Available in the following:

Standard Duct with adapter

Model	Pairs With	Diameter	Length
8x15BC1	Nano	8" - 203mm	15' - 4.6m
8x25BC1	Nano	8" - 203mm	25' - 7.6m
12x20AD1	F Series	12" - 305mm	20' - 6.1m
16x20AD1	F Series	16" - 406mm	20' - 6.1m
20x20AD1	F Series	20" - 508mm	20' - 6.1m
24x20AD1	F Series	24" - 610mm	20' - 6.1m

For duct only (no adapter), models end with BC1



Hazardous Location Duct with adapter and featuring static-dissipating material for explosive environments

Model	Pairs With	Diameter	Length
8x15HZ1	Nano	8" - 203mm	15' - 4.6m
8x25HZ1	Nano	8" - 203mm	25' - 7.6m
12x20HZAD	F Series	12" - 305mm	20' - 6.1m
16x20HZAD	F Series	16" - 406mm	20' - 6.1m
20x20HZAD	F Series	20" - 508mm	20' - 6.1m
24x20HZAD	F Series	24" - 610mm	20' - 6.1m

For duct only (no adapter) models end with HZ1

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"-24" smoke ejectors.



L DUCTS

Perfect for ventilating manholes and other tight areas, the L Duct should only be used on the discharge side of the fan.

Available in the following:

Standard L Duct with adapter (for Nano and F Series)

Model	Diameter	Length
LD8-3x8	8" - 203mm	3'+8" - 0.91m+2.44m
LD12-3x8	12" - 305mm	3'+8" - 0.91m+2.44m
LD16-3x8	16" - 406mm	3'+8" - 0.91m+2.44m

Option: Customize horizontal length up to 25' or vertical length up to 20'

NEW! LFR-BF Duct with Velcro securement

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.



Model	Diameter	Length
8x3x8LFR	8" - 203mm	3'+8" - 0.91m+2.44m

Material: Silver Bullet FR material, made from meta-aramid, ballastic para-aramid and 2% anti-static fiber. Arc resistant and UL certified and NFPA 2112 for flash fire. (Fabric is not conductive or static dissipating.)



MANHOLE ADAPTER

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

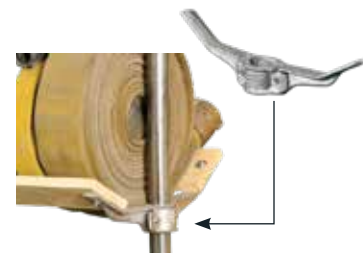
Available for 12" or 16" fans on 24" or 30" manholes.

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



WB BRACKET

Use WB Brackets with pipe along with 2x6s for stringers to create custom storage racks for hoses, tires and more. Brackets can be spaced 5' apart and are available for piping in 1.5" and 2" diameters.





SUPER VAC



supervac.com

3842 Redman Dr. - Ft Collins, CO 80524

800.525.5224

See a Super Vac representative or authorized dealer for further details. All information in this brochure is the latest available at the time of publication. Printed in the USA. 2.5K 0718 ©2018 Super Vac