



**SUPER VAC**

THE VENTILATION SPECIALISTS



*Product Catalog* [www.supervac.com](http://www.supervac.com)

# Super Vac features



FOR MORE INFORMATION  
ON ELECTRIC AND GAS FANS  
TURN TO PAGES 18-19



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Shroud tilt mechanism inside the frame adjustable to four angle positions (20°, 10°, 0° & -10°)



Step brake positively locks both wheels into position for a solid footprint.



Full roll cage frame design (all working components are inside the roll cage frame). Hammer Tone Powder coat finish for durability

Optional Gas Fan Exhaust extension that clears exhaust emissions out and away from the PPV's Air Flow.



Optional Exhaust Extension Coil Glove to protect personnel from exhaust Coil burns. Fire Industry Exclusive



Solid cushion tires. No more maintenance or flat tires.

Optional Chevron decals for added visibility.



# Electric & Gas PPV

## Models 16", 18", 20" & 24"



Precision spun steel shroud for maximum air movement and durability.

Heavy gauge steel grill for added safety. Baked-on powder coat paint for a long lasting finish.

The heart of these units is the cast aluminum seven airfoil blade... Aluminum holds up better than plastic in high radiant heat of structure fires.



Optional Light Kit available on both gas and electric units. Flips into position when folding handle is raised and tucks down into roll cage for storage.



Only Super Vac Variable Speed fans run on a 15 Amp GFCI circuit "No Problem"

"Plug Cord & Click On"



VR3



EXP

Select from three electric motor versions



E2

Select a 3.5 to 13 H.P. gasoline engines from Honda or Briggs & Stratton



P.P.V. C.F.M.  
Output Range from 6,740 to 26,730 C.F.M.  
See charts Page 4-5



Super Vac fans are warranted for five years from date of purchase. Electric motors and gasoline engines have separate two year manufacturer's warranty.

Frame/Wheel design makes easy work over Large Diameter Hose, up stairs, or over curbs.

SCAN CODE WITH YOUR iPhone, ANDROID DEVICE, OR BLACKBERRY TO SEE VIDEO



**SUPER VAC**  
THE VENTILATION SPECIALISTS [www.supervac.com/general](http://www.supervac.com/general)



## Models E2 / EXP / VR3

## Electric PPV fans allow clean air, low noise

See Page 14 for Accessories



See Page 15 for Duct

MODEL#	MOTOR	START	<WATT>RUN	HEIGHT	,WIDTH, DEPTH	WEIGHT	RPM	SET BACK	ANGLE	CFM
716E2	1Hp Std	4000	1500	20.00"	x 20.50" x 16.00"	67#	1750	6'	18°	6,740
716EXP	1Hp Haz	4000	1500	20.00"	x 20.50" x 16.00"	70#	1750	6'	18°	6,740
716VR3	1.25Hp VarR	2000	1500	20.00"	x 20.50" x 16.00"	64#	2500	6'	18°	9,950
718E2	1Hp Std	4000	1500	22.00"	x 23.50" x 19.50"	86#	1750	6'	18°	8,140
718EXP	1Hp Haz	4000	1500	22.00"	x 23.50" x 19.50"	91#	1750	6'	18°	8,140
718VR3	1.25Hp VarR	2000	1500	22.00"	x 23.50" x 19.50"	83#	2400	6'	18°	12,820
720E2	1Hp Std	4000	1500	25.50"	x 26.00" x 19.50"	87#	1750	6'	18°	10,190
720EXP	1Hp Haz	4000	1500	25.50"	x 26.00" x 19.50"	92#	1750	6'	18°	10,190
720VR3	1.25Hp VarR	2000	1500	25.50"	x 26.00" x 19.50"	84#	2400	6'	18°	15,110
724E2	1Hp Std	4000	1500	28.00"	x 29.50" x 21.00"	102#	1750	6'	18°	13,320
724EXP	1Hp Haz	4000	1500	28.00"	x 29.50" x 21.00"	107#	1750	6'	18°	13,320
724VR3	1.25Hp VarR	2000	1500	28.00"	x 29.50" x 21.00"	107#	2400	6'	18°	16,370

### Standard Electric Motor

The E2 models feature a tough, no frills method of supplying clean air to a structure. Perfect for the department buying their first electric PPV or when budgets are tight.

*"All Super Vac Electric PPV fans can be wired for 220 Volt operation on request."*



FOR MORE INFORMATION ON V-ATTACK VENTILATING WITH FANS TURN TO PAGE 18

### Variable Speed VR3

The VR3 Models provide precise control of air movement and up to 35% more air flow than single speed electric PPVs. The VR3 is the only Variable Speed fan in the industry that will run on GFCI circuits and new hydraulic generators without surging at high speed.



[www.supervac.com/vr3](http://www.supervac.com/vr3)

### Hazardous Location

The EXP models feature an intrinsically safe explosion proof motor with an explosion proof switch for the highest level of explosion protection in the industry. Perfect for the department that wants to be able to use their electric PPV for all types of ventilation situations.



You can easily take the PPV up stairs or over large diameter hose when the wheels are to the back (engine side) of the fan. Also, as you arrive at the ventilation point of the structure, you do not have to turn your back on the fire while positioning the fan.



## Model 716G4 Space saving ... Fits Small Compartments on any Apparatus

MODEL#	H.P.	HEIGHT, WIDTH, DEPTH	WEIGHT	RPM	SET BACK	ANGLE	CFM
716GC	5.0	20.00" x 20.50" x 16.00"	62#	3520	6'	18°	10,230
716G4-H	4.0	20.00" x 20.50" x 16.00"	62#	3575	6'	18°	11,740
716G4-B	3.5	20.00" x 20.50" x 16.00"	60#	3450	6'	18°	9,940

H = Honda GX  
GC = Commercial Engine by Honda  
B = Briggs & Stratton



See Page 14 for Exhaust Extension & Glove Heat Shield

Portable and versatile for small to medium residential ventilation. The 716 is designed to compact dimensions that fit the tightest pumper compartments. An excellent choice when light weight and low cost are critical in your district.

## Models 718G4/ 720G4/ 724G4 The 18" is the most popular PPV fan in the Fire Service

MODEL#	H.P.	HEIGHT, WIDTH, DEPTH	WEIGHT	RPM	SET BACK	ANGLE	CFM
718G4-B	6.5	22.00" x 23.50" x 19.50"	79#	3770	8'	18°	15,350
718G4-H	6.5	22.00" x 23.50" x 19.50"	82#	3535	6'	18°	15,590
718GC	5.0	22.00" x 23.50" x 19.50"	74#	3360	6'	18°	14,810
720G4-B	6.5	25.50" x 26.00" x 19.50"	89#	3385	6'	19°	18,060
720G4-H	6.5	25.50" x 26.00" x 19.50"	92#	3350	6'	19°	18,580
720GC	5.0	25.50" x 26.00" x 19.50"	84#	3185	6'	19°	17,650
724G4-B	10	28.00" x 29.50" x 21.00"	119#	3245	6'	18°	21,100
724G4-H	9	28.00" x 29.50" x 21.00"	133#	3435	8'	18°	20,920

H = Honda GX  
B = Briggs & Stratton  
GC = Commercial Engine by Honda



Honda GX



Commercial Engine by Honda



Briggs & Stratton

The most popular sizes in the industry and the perfect combination of small size and high power. They feature the highest horsepower in their class for maximum airflow. Perfect for the department with a mixture of residential and small commercial structures in their district.

## Model 730G4H The Workhorse for Large Warehouses

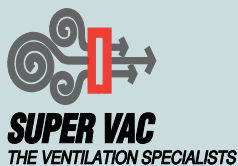
MODEL#	H.P.	HEIGHT, WIDTH, DEPTH	WEIGHT	RPM	SET BACK	ANGLE	CFM
730G4H	13	39.00" x 37.00" x 27.50"	163#	3220	10'	9°	26,730

H = Honda GX

The most powerful portable fan in the fire service. This fan is a serious workhorse to make quick work of ventilating larger occupancies. Perfect for the department with large commercial structures in their district.



Available in Honda Engine only.





## Models P124, P164, P200, P244

## World Famous Super Vac Smoke Ejectors



The Most Popular Model P164

See Page 15 for Duct

MODEL#	*MOTOR	H.P.	START < WATTS >	RUN	HEIGHT, WIDTH, DEPTH	WT.	SHROUD<C.F.M.>	VENTURI
P124S	TEAO	1/2	2000	800	15.50" x 15.00" x 13.00"	40#	2750	3700
P124SE	HAZ	1/2	2000	800	15.50" x 15.00" x 13.00"	42#	2750	3700
P164S	TEAO	1/3	2000	700	19.25" x 18.75" x 13.00"	44#	3200	5200
P164SE	HAZ	1/3	2000	700	19.25" x 18.75" x 13.00"	49#	3200	5200
P200S	TEAO	1	4000	1500	25.50" x 24.75" x 16.25"	85#	6700	9500
P200SE	HAZ	1	4000	1500	25.50" x 24.75" x 16.25"	93#	6700	9500
P244S	TEAO	1-1/2	6000	2100	28.50" x 28.00" x 18.75"	110#	8600	10800
P244SE	HAZ	1-1/2	6000	2100	28.50" x 28.00" x 18.75"	115#	8600	10800

The P164 is the most popular unit in the fire/rescue service. It is the perfect combination of high airflow and easy to handle size. **The single most popular fan in the history of the fire service.**

The P200 is capable of bigger ventilation tasks and higher airflows. At 1 horsepower it will run on standard 15 amp household circuits. Perfect for the department that has a mix of residential and commercial buildings in their jurisdiction.

The \*P244 is the largest smoke ejector available. Perfect for the department that has a mix of large residential and mid-sized commercial buildings in their response area. \*Note: Requires a 20 amp circuit to start and run.

The P124 is designed for high powered air movement in a compact size. Turning at 3500 rpm the fan is small but mighty. Perfect for the department that wants to eject smoke and have a small unit for confined space ventilation.

*"All Super Vac Smoke Ejectors can be wired for 220 Volt operation on request."*

## Model HF164

## Most Powerful 16" fan in the Industry



MODEL#	*MOTOR	H.P.	START < WATTS >	RUN	HEIGHT, WIDTH, DEPTH	WT.	SHROUD<C.F.M.>	VENTURI
HF164	TEAO	1-1/2	6000	2100	19.50" x 18.75" x 16.00"	59#	4950	9620
HF164E	HAZ	1-1/2	6000	2100	19.50" x 18.75" x 16.00"	63#	4950	9620

The \*HF164 is the most powerful 16" fan in the industry and can easily be used for negative or positive pressure ventilation. Running at 3500 rpm, it has the power to force or pull air deep into a structure or underground vault.

\*Note: Requires a 20 amp circuit to start and run.



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

## Model GP164S

## Gas Super Vac Smoke Ejector



MODEL#	H.P.	HEIGHT, WIDTH, DEPTH	WEIGHT	RPM	SET BACK	ANGLE	CFM
GP164S	4	19.50" x 19.00" x 15.50"	55#	3,500	6'	10°	9,250



The GP164 is the smallest gasoline powered fan in the industry. The versatile design features the ability to attach duct to the inlet or outlet side of the fan. An excellent choice when size and versatility are required in your district.

## Model SVU Series

## A Mighty Blowing Power... Weighing in at 250,000 CFM

MODEL#	POWER SOURCE	H.P.	HEIGHT , WIDTH, DEPTH	C.F.M.
SVU	Gas, Diesel, Hydraulic	50 to 200	70" x 70" x 42"	20,000 to 250,000

With its variety of configurations and multiple uses, the SVU is the most versatile Large Scale PPV in the industry. From ventilating large warehouses, commercial structures, high rise buildings, mass rehabilitation areas, the SVU is ready for the task. Available on a custom trailer, skid unit, truck and flatbed mount, the SVU is loaded with optional features including: scissor lift, rotation/tilt platform, misting system, and lighting package.



*Got a specific ventilation application your department is challenged with? Need a custom piece of ventilation equipment designed and built? Let Super Vac's industry leading experience go to work and provide a solution to your ventilation equipment needs. Whether it is a complete mobile ventilation apparatus or a skid mounted fan, Super Vac has the Know How and Expertise to fulfill your Custom requirements.*



See more Product SVU & BFF photos Turn to Back Cover

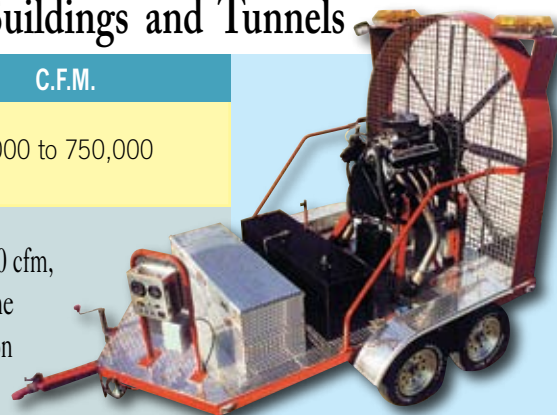
## Model BFF Series

## Blow Up a Storm for Large Buildings and Tunnels

MODEL#	POWER SOURCE	H.P.	HEIGHT , WIDTH, DEPTH	C.F.M.
BFF	Gas, Diesel	200 to 600	88" x 84 "x 60"	70,000 to 750,000



With capabilities of over 750,000 cfm, the BFF series ventilators are the solution to the largest ventilation challenges. Large warehouses, shopping malls, sports complexes, tunnels and retail super stores are typical of the situations faced by today's emergency service providers.



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



## Models NANO P8S & P8XE

## New Technology for Confined Spaces



MODEL#	MOTOR	H. W. D.	WT.	CFM
P8S	1/3 Hp, Standard	11.5" x 10.75" x 16"	20#	1037
P8XE	1/3 Hp, Haz. Location	11.5" x 10.75" x 16"	22#	1037
NanoPac15	P8S Blower & 15 feet of duct for Standard Ventilation			
NanoPac25	P8S Blower & 25 feet of duct for Standard Ventilation			
NanoPacXE15	P8XE Blower & 15 feet of duct for Hazardous Ventilation			
NanoPacXE25	P8XE Blower & 25 feet of duct for Hazardous Ventilation			
Free Air CFM Shown-with 1-90°Bends airflow is 817 cfm				
Free Air CFM Shown-with 2-90°Bends airflow is 723 cfm				



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

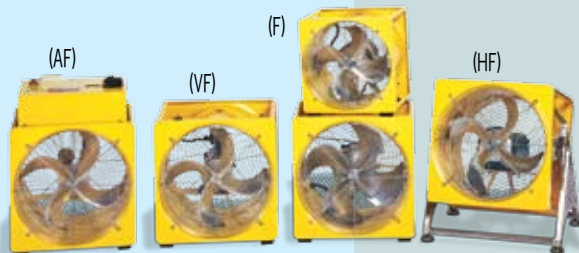
Super Vac's Nano is the perfect, cost effective solution to confined space ventilation challenges. The rugged Nano can be used for either supply air or exhaust ventilation, delivering the highest airflow in its class. It comes in your choice of standard or static dissipating Hazardous Location options. Also available in a kit with ducting, the NanoPac's include both the fan and your choice of 15 or 25 feet of bag-o-duct that easily attaches to the inlet or outlet of the fan.



Comes with each model. Model P8XE has black duct, electrostatic resistance. Model P8S has yellow duct. Flame Resistant ducting available. See page 15.

## Models AF, F, HF & VF Series

## Confined Space Fans 12", 16", 20" & 24"



The F series is the perfect combination of a low noise, high output design. The larger sizes are perfect for your bigger requirements including machine cooling, and larger spaces. All sizes are available in both standard and Hazardous Location styles. Note: F244 and F244E require a 20 amp circuit to start and run.

Combined with the optional tilt frame attachment, (shown on the HF164 in the left photo) becomes the most versatile ventilation system in the industry.

The VF models provide precise control of the air movement and up to 30% more air flow than single speed electric fans. Full control of fan speed, compatible with GFCI circuits, make these units highly versatile.

The AF series are the most effective air powered fans available. Complete with their own filter, gauge, and oiler, they have everything you need for lots of air movement without a lot of air usage.

The HF series are the most powerful fans that can easily be used for negative or positive pressure ventilation. Running at 3500 rpm, they have the power to force or pull air deep into a structure or underground vault. Available in Hazardous Location style.

Note: HF164 and HF164E require a 20 amp circuit to start and run.

MODEL#	*MOTOR	VOLTAGE**	AMPS	RPM	WT.	SHROUD<C.F.M.>	VENTURI
AF124	.50Hp Air	80psi	20cfm	3500	39	2800	3800
AF164	1.75Hp Air	100psi	70cfm	3600	45	5100	9600
AF200	1.75Hp Air	100psi	70cfm	1900	60	6700	9800
AF244	5.00Hp Air	100psi	175cfm	2500	105	9700	14200
F124	.33Hp TEAO	115/230	5.8/2.9	1725	40	1380	2500
F164	.50Hp TEAO	115/230	5.8/2.9	1725	44	3200	5200
F200	1.00Hp TEAO	115/230	12/6	1725	85	6700	9500
F244	1.50Hp TEAO	115/230	20/10	1725	110	8600	10000
HF124	.50Hp TEAO	115/230	8/4	3450	40	2750	3700
HF164	1.50Hp TEAO	115/230	17/9	3450	44	4950	9620
VF124	1Hp Variable	115/230	12/6	0-2400	48	1900	3100
VF164	1Hp Variable	115/230	12/6	0-2400	52	3500	5900
VF200	1Hp Variable	115/230	12/6	0-1900	88	6900	9800

\*F and HF Series available in Hazardous Location Motor listed for Class 1, Group D.

Add an E to model (F244E), may add to weight slightly.

\*\*F and HF Series available in 3 phase versions also.





## Model WT Water Power “The Ventilation Specialists” has all kinds of Energy Efficient Fans

MODEL#	POWER SOURCE	H.P.	HEIGHT ,WIDTH,DEPTH	WT.	C.F.M.
718WT	Water, 100-250psi	5.5	22.00" x 23.50" x 19.50"	76#	16,830
720WT	Water, 100-250psi	5.5	25.50" x 26.00" x 19.50"	78#	19,650
724WT	Water, 100-250psi	12	28.00" x 29.50" x 21.00"	88#	22,470
730WT	Water, 100-250psi	12	39.00" x 37.00" x 27.50"	102#	24,800



The WT series water powered fans are powerful units for extreme conditions. These units are perfect for districts that include docks, shipping facilities, and large commercial structures that may require the ventilation of hazardous atmospheres.

## Model # Mister Fan F164M Great for Summer Training and Rehab

MODEL#	START <WATTS>	RUN	REQUIREMENTS	HEIGHT, WIDTH, DEPTH	WT.	SHROUD <C.F.M.>	VENTURI
F164M	2000	700	2 gph, water	19.75" x 18.75" x 13.00"	41#	3200	5200

The F164M produces a cooling mist that reduces air temperature through evaporation. Unlike other misting units that can only be used a few times, the F164M is tough as nails for years of reducing the effects of heat. Perfect for increasing comfort and reducing the effects of heat stress during extended summertime operations.



## Model-Battery Powered Fans 18" PPV, 718b & 16" Smoker Ejector, P164b

MODEL#	POWER SOURCE	H.P.	HEIGHT ,WIDTH,DEPTH	WT.	C.F.M.
718b	IonPac2.0 or 110VAC	1	22.00" x 23.50" x 19.50"	68#	11,140
P164b	IonPac2.0 or 110VAC	1	19.50" x 18.75" x 13.00"	35#	3,200

The 718b combines fast, no generator set-up and high airflow with a zero emission airstream. P164b fans will run up to 45 minutes on a single IonPac2.0 for your smoke ejection needs.



[www.supervac.com/ionpac2](http://www.supervac.com/ionpac2)



## Nano Pac - 15B & 25B

MODEL#	POWER SOURCE	HEIGHT, WIDTH, DEPTH	WT.	CFMs
NanoPac	IonPac2.0 or 110VAC	11.50" x 10.75" x 16.00"	22#	1037
Model 15B = 15' Ducting				
Model 25B = 25' Ducting				

Nano Pac is a perfect cordless operation for confined space uses remote from other sources of power or when airflow is needed prior to generator setup.



U.S Patent #5941314



## Model Super Power Pro SV3 Ventilation Chain Saw

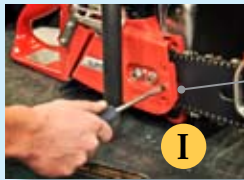
MODEL #	HP	CCs	HEIGHT	WIDTH	DEPTH	WEIGHT	BAR
SV3 -16	5.7	78	11.25" x 13.0" x 34.5"			20.8	16"
SV3 -20	5.7	78	11.25" x 13.0" x 38.5"			21.6	20"

With a powerful Dolmar 5.7 HP engine that turns at 12,800 RPM, your department can rely on the Super Vac SV3 Power Pro Saw for venting and rescue operations. With a full-wrap handle designed for maximum versatility, this saw tackles a variety of operations with ease, including cutting through residential roofing, removing downed trees, and ripping through various building materials. With a quick start compression release and an “always on” ignition, the SV3 is ready to go when you are.

*Engine is a Dolmar PS- 7910, Displacement 78cc, Output Speed 12,800 RPM, Oil Tank Capacity-13.5 oz., Fuel Tank Capacity 25.36 oz., Air Filter, Airmaster Multi Chamber filtration system. Chain, Carbide chisel.404, dual raker, .063 gauge, Full Safety Guard with Depth gauge can be quickly adjusted or removed.*



[www.supervac.com/sv3](http://www.supervac.com/sv3)



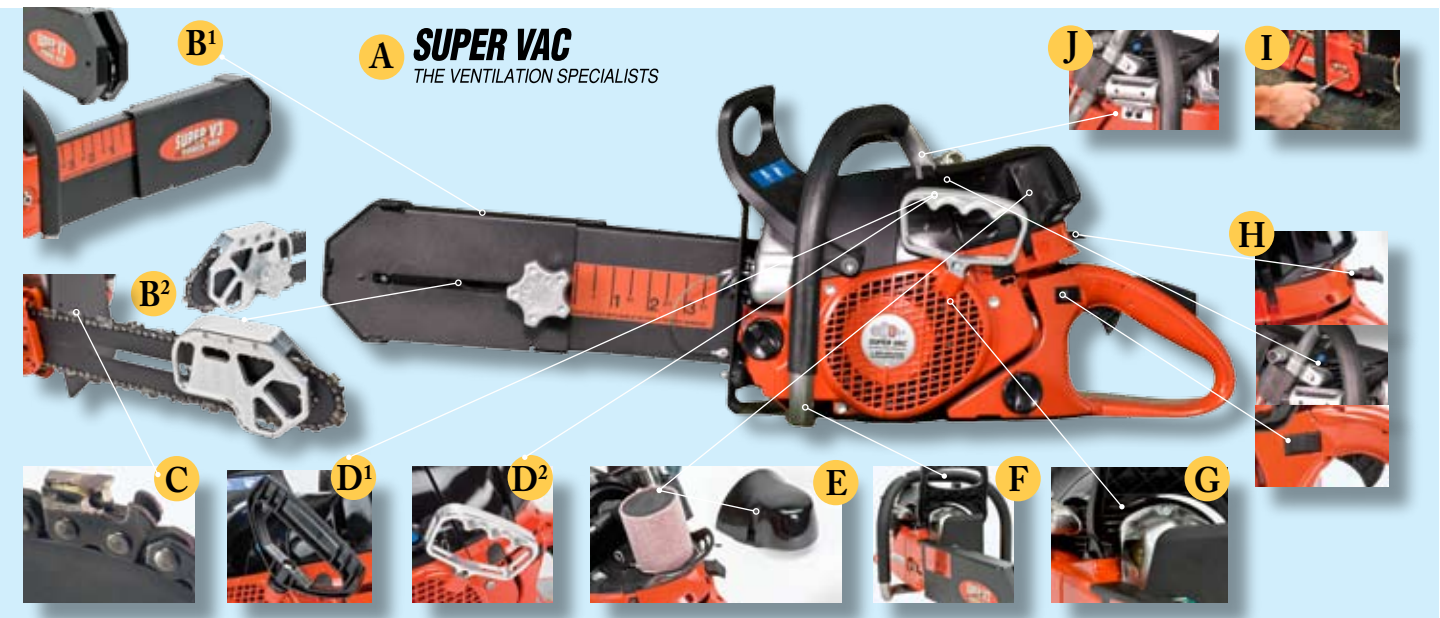
### Model # SV3-16-Kit -AL or SV3-20-Kit -AL

### Treadplate Ventilation Saw Kit



- 1- Saw with D-ring handle
- 1- Pair safety glasses
- 1- Pair ear plugs
- 1- Pair gloves
- 1- Container 2 cycle oil
- 1- 1 gallon metal safety gas can
- 1- Set manuals
- 1- Carbide Chisel Chain 16" or 20"
- 1- Dolmar service set consisting of:
  - 1- Fuel cap
  - 1- Starter cord
  - 1- Combination wrench
  - 1- Spark Plug
- 1- Dolmar filter set consisting of:
  - 1- Air filter cartridge
  - 5- Pre filters

## WHY THE SUPER VAC SV3 MAKES THE CUT



### **A** THE NAME "SUPER VAC"

Every Firefighter knows the name Super Vac. For over 50 years, Super Vac has been synonymous with expertise, innovation, and service in the fire industry. So you can bet that all of this experience went into the design of the new SV3 Ventilation Saw.

### **B<sup>1</sup>** FULL WRAP DEPTH GUARD

The Super Vac SV3 depth guard manually allows you to set the depth of cut from 0 to 8" inches deep. With a full wrap guard it protects the firefighter from the chain in rescue operations. The guard has a NEW tool-less design to remove the guard from the saw if needed.

### **B<sup>2</sup>** THE QUICK SILVER BILLET ALUMINUM DEPTH GAUGE

The new QuickSilver Billet Aluminum Depth Gauge is the lightest, easiest-to-use depth gauge on the market. The spider design eliminates excess weight, allows more area to prevent trapping debris and adds toughness for those difficult roof operations. Easily installed, it can be adjusted from one inch to six inches and eliminates the need to roll the rafters.

### **C** THE CHISEL CHAIN

This .404 carbide tooth chain chisels through layers of material, taking bigger bites and moving faster through wood and layers of asphalt shingles – just what every rescuer needs for quick rooftop operations.

### **D<sup>1</sup>** D-RING PULL HANDLE

The SV3's easy-to-grasp D-Ring handle is a perfect match for hands protected by multi-layered rescue gloves. No more time wasted while fumbling with hard to grasp handles. Once again, Super Vac shows they understand that every second counts during life saving operations.

### **D<sup>2</sup>** THE QUICK SILVER BILLET ALUMINUM PULL HANDLE

The new QuickSilver pull handle is the toughest pull handle on the market. Machined from one piece of 6061 aluminum, it will be the last pull handle you ever need. Quick and easy to install, it is light weight and specifically designed for the Super Vac SV3 chain saw.

### **E** THE AIRMASTER MULTI-CHAMBERED FILTRATION SYSTEM

This three chambered system designed by Dolmar stops larger particles before they reach to the secondary filter. The secondary filter stops the finest particles, without the risk of clogging by the larger splinters and debris. Consistently beats Cutters Edge in head to head testing in heavy smoke.

### **F** FULL WRAP HANDLE

The full wrap around handle makes front facing and overhead operations easier, meaning faster placement of the saw and longer cuts without repositioning. Another Super Vac feature specifically designed for the fire service.

### **G** THE ENGINE

With an unbelievable power to weight ratio, the SV3's 5.7 HP engine rips through material at 12,800 RPM, making this one of the fastest and most powerful rescue saws available. This is the saw you need to get the job done fast, when seconds count.

### **H** FAST & EASY STARTING FEATURES

With a momentary contact switch that leaves the saw in a always on position, compression release that reduces cylinder pressure by 50% and choke knob that simultaneously sets both throttle and choke. These features save critical seconds during rescue operations

### **I** LATERAL CHAIN TENSIONING

Developed by Dolmar for fast and easy on-the-spot tension adjustment. Easy to Reach Srench tool holder.

### **J** THE QUICK SILVER BILLET ALUMINUM LED HOLDER

The new QuickSilver Billet Aluminum LED holder allows you to position a small, powerful LED light source on your Super Vac SV3 chain saw or the Super Vac SVC3 cut off saw. Quick and easy to install, it protects the Streamlight LED unit while allowing easy adjustment and ON/OFF capabilities.

# SUPER SVC3 POWER PRO The Cutoff Saw that Cuts It All



## A THE NAME "SUPER VAC"

Every Firefighter knows the name Super Vac. For over 50 years, Super Vac has been synonymous with expertise, innovation, and service in the fire industry. So you can bet that all of that experience went into designing of the new SVC3 cutoff saw.

## B THE BLADE

The SVC3's Tiger Tooth diamond studded blade is designed by Super Vac for the fire and rescue industry. This blade cuts through residential and corrugated roofing, concrete, steel, rebar and aluminum. This specially designed, hi-tech blade eliminates the need to carry different blades for different materials. Perfect for your rescue needs.

## C VERSATILE CUTTING ARM

The SVC3's cutting arm shifts from the side to the center, giving rescue workers more choice during lifesaving operations. This must have feature can make all the difference when cutting in confined or hard to reach spaces that may otherwise be made inaccessible by the position of the power head.

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## D<sup>2</sup> QUICKSILVER BILLET ALUMINUM PULL HANDLE

The new QuickSilver Billet Aluminum Pull Handle is the toughest pull handle on the market. Machined from one piece of 6061 aluminum, it will be the last pull handle you ever need. Quick and easy to install, it is light weight and specifically designed for the Super Vac SV3 Chain Saw and the Super Vac SVC3 Cut Off Saw.

## E THE ENGINE

Manufactured by one of the world's most innovative makers of high performance power cutter engines, this engine packs an unbelievable power to weight ratio. Proven dependability and features for industrial operations make this engine the choice of pros around the world.

## F FAST AND EASY STARTING FEATURES

Quick placement of just one knob simultaneously sets both the throttle and choke to their optimum starting positions. An easy to spot black button activates a compression release, reducing pull rope resistance by up to 70% - a must have on this high-output engine. Both of these features save critical seconds during rescue operations.

## G QUICKSILVER BILLET ALUMINUM LED HOLDER

The new QuickSilver Billet Aluminum LED Holder allows you to position a small, powerful LED light source on your Super Vac SV3 Chain Saw or the Super Vac SVC3 Cut Off Saw. You can also use the unit to put a powerful LED light most anywhere you can use lighting help, including your existing Super Vac PPV's, Smoke Ejectors, or Smoke Machines. Quick and easy to install, it protects the Streamlight LED unit while allowing easy adjustment and on/off capabilities.

## Model Super SVC3 Power Pro

MODEL #	HP	HEIGHT	WIDTH	DEPTH	WEIGHT	DIAMETER
SVC3-14	5.1	12.5" x 13.0" x 33.5"			25.0	14"

Rescue operations demand fast and reliable cutting equipment. Super Vac's response is the SVC3 Power Pro Cutoff Saw, a high-performance saw designed for the fire and rescue service. The SVC3's rugged, light-weight engine turns an industrial diamond blade that's voracious enough to cut through a variety of materials including residential roofing, concrete and rebar, and sheet metal – all without the use of water. Fire and rescue features include a multi-position cutting arm, a blade safety shield that adjusts without having to fumble with hard-to-grasp knobs, a D-ring pull handle, and a manual compression release for quick starts. A water tube dust suppression system is standard.

*Engine is a Dolmar PC-7414, Displacement 73cc, Output/Speed 5.1 Hp/9,350 rpm, Fuel Tank Capacity-37.0 oz. Wheel diameter 14", Arbor 1", Max Cutting Depth- 4-13/16" Cutting Arm Position either in the center or at the side of the machine. Compression Release reduces the pull-rope resistance by up to 70% with a D-Ring handle design.*



[www.supervac.com/svc3](http://www.supervac.com/svc3)

## Model # SVC3-14-Kit -A1

## Treadplate Cutoff Saw Kit

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>1- Saw with Tiger tooth blade installed</li> <li>1- Spare tiger tooth blade</li> <li>1- Pair safety glasses</li> <li>1- Pair ear plugs</li> <li>1- Pair gloves</li> <li>1- Container 2 cycle oil</li> <li>1- Gallon metal safety gas can</li> <li>1- Set manuals</li> <li>1- Treadplate Storage Box with internal compartments</li> </ul> | <ul style="list-style-type: none"> <li>1- Dolmar service set consisting of:               <ul style="list-style-type: none"> <li>1- Drive belt</li> <li>1- Fuel cap</li> </ul> </li> <li>1- Starter cord</li> <li>1- Combination wrench</li> <li>1- Fuel filter</li> <li>1- Dolmar Guide Roller</li> <li>1- Spark Plug</li> <li>1- Dolmar filter set consisting of:               <ul style="list-style-type: none"> <li>1- Air filter cartridge</li> <li>5- Pre filters</li> </ul> </li> </ul> |
|--|---|



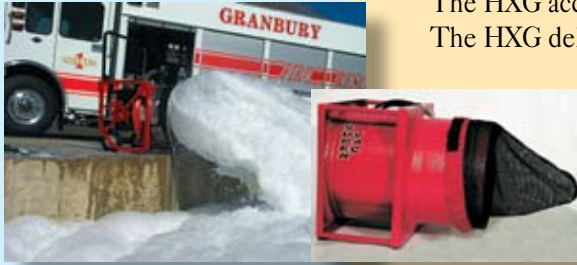
What gives the Tiger Tooth Blade cutting power?  
It's the diamond coated teeth.

## Model # SVC310-14 Super Vac Tiger Tooth Blade

MODEL #	HEIGHT	WIDTH	DEPTH	ARBOR	WEIGHT	DIAMETER
SVC310-14	Tiger Tooth Blade			1"	3.2	14"
SVC310-12	Tiger Tooth Blade			1"	2.8	12"



## Model # (HXG) High Expansion Foam Generator



The HXG accessory adapts to any existing or new Super Vac Smoke Ejector or PPV fan. The HXG delivers a large supply of High Expansion foam and other types of foam for confined spaces where Firefighting Personnel safety is an issue: HAZ-MAT, basements, ship engines rooms, cargo holding areas and aircraft. Includes 30 GPM inline educator, metal shroud and foam expansion netting, can produce a finished foam expansion rate from 200:1 to 1000:1. Other Flow rates are available upon request.  
*When ordering specify PPV or Smoke Ejector Model #HXG.*

## Model# Mountain Mister Attaches to Grill of Any Fan



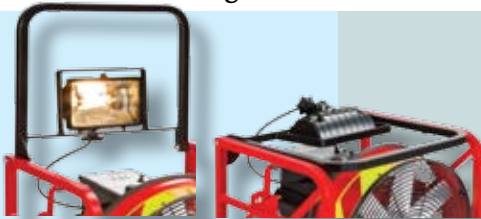
The Mountain Mister converts any fan into a cooling, rehab fan by easily attaching to the outlet guard. Water usage is only 3 gallons per hour and can be supplied via a garden hose, or from an auxiliary line from your pump panel. Saves money and space, while reducing the effects that heat stress has on your ability to effectively handle emergency situations. The Mountain Mister has also been used very effectively to help departments on medical standby prevent heat stress situations during large, public gatherings during summer months.

## Model # Exhaust Hose Extension & Exhaust Glove Heat Shield



The Super Vac Exhaust Extension has been specifically designed to get a majority of the exhaust emissions from the gasoline engine away from the intake of a PPV fan by taking the emissions out of the airstream. The Swivel provides a positive connection that is easily made. **NEW! Optional** Exhaust Glove Heat Shield slips over the Exhaust Extension Hose and protects department personnel from Hot Metal hose burns.

## Model # Handle Light Kit



The Light Kit that can turn any electric PPV into an auxiliary Light, it attaches easily to any existing electric Super Vac PPV. Saves manpower from setting up separate lighting tripods. Folds down with handle for easy storage. May change height dimension of some models. Available in LED or Quartz Halogen. *Please specify fan model number when ordering.*

## Model # QuickSilver Billet Aluminum LED Holder



These mounts provide a secure hold for the protection of your equipment and personnel.  
*Please specify fan model number when ordering.*

The QuickSilver Billet Aluminum LED holder allows you to position a small powerful LED light source on your gas or electric PPV fan. Quick and easy to install, it protects the Streamlight LED unit while allowing easy adjustment and on/off capabilities.

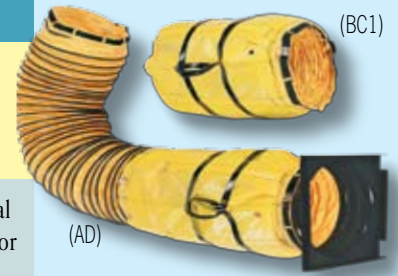


## Model #PPV Running Board Mounts

## Model # Spiral Duct

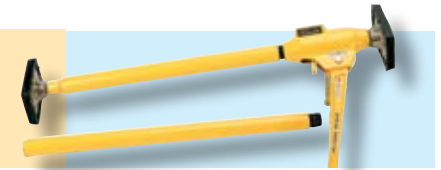
MODEL #	DIAMETER	LENGTH	MODEL #	DIAMETER	LENGTH	MODEL #	DIAMETER	LENGTH
These sizes are available with an adapter (ready to be connected to the fan) or without adapter to be used to go beyond the first length of Duct and Fan.								
12 x 20 ADwBag	12"	20 Ft	24 x 20 ADwBag	24"	20 Ft	20 x 20 BC1wBag	20"	20 Ft
16 x 20 ADwBag	16"	20 Ft.	12 x 20 BC1wBag	16"	20 Ft.	24 x 20 BC1wBag	24"	20 Ft
20 x 20 ADwBag	20"	20 Ft.	16 x 20 BC1wBag	12"	20 Ft.			

This is the highest quality duct made with heavy duty wear strips complete with storage bag and ideal for moving large quantities of air into hard to reach places. Available with an adapter as shown (AD) for negative pressure. Extension pieces also available without adapter (BC1) for positive pressure.



## Model # The Door Bar

Our Door Bar allows you to hang a Super Vac with hangers, in any doorway at the height you choose. It weighs only thirteen pounds, it's extremely easy to install, and it releases instantly with a handy trigger. Extension bar comes standard.



## Model # The Hanger

Photo shown with Door Bar and Hanger combinations.

This hanger allows you to put your Super Vac almost anywhere; on doors, ladders, windows, casements, archways, etc. Used in conjunction with the Door Bar, they permit placing at any height.



## Model # Translucent "L" Duct

MODEL #	DIAMETER	HORIZONTAL LENGTH	VERTICAL LENGTH
LD 12-3x8	12"	3ft.	8ft.
LD 16-3x8	16"	3ft.	8ft.
LD Special	Any	Max 25 ft.	Max 20 ft.

The "L" Duct is an extremely useful duct that is held open by air pressure from the fan. It folds up to take very little space when not in use. Once deployed, workers and equipment can pass by easily in cramped spaces by simply collapsing the duct. Light is able to pass through the reinforced translucent vinyl. "L"-Duct may only be used on discharge side of fan.



## Model # Flame Resistant Duct

MODEL #	DIAMETER	HORIZONTAL LENGTH	VERTICAL LENGTH
LFR 8 - 3 x 8	8"	3ft.	8ft.

The LFR Duct is similar to the "L" Duct above, with the added advantage of being constructed of a high quality flame resistant material. It allows workers and equipment to pass by easily in tight spaces by simply collapsing the duct. Once something has passed through, the duct expands back to full air capacity. The LFR may only be used on the discharge side of the fan.



Duct folds into a easy to carry duct bag.

## Model # Manhole Adapter

MODEL #	FAN SIZE	MANHOLE
MA 12-24	12"	24"
MA 12-30	12"	30"
MA 16-24	16"	24"
MA 16-30	16"	30"

These rugged, aluminum adapters sit in manhole rings to provide a stable mounting surface for the fans listed.

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





## Model # Heat Pac 25

## Temp Comfort during Frigid Rescues



MODEL#	START<WATTS>RUN	REQUIREMENTS	HEIGHT, WIDTH, DEPTH	WT.	OUTPUT
HeatPac 25	2000	700 2 lbs/hour, Propane	15.25" x 33.00" x 13.50"	50#	80° of Temp Rise @ 500 CFM

The HeatPac will provide over 70,000 BTUs of heat for over 10 hours when connected to a standard propane tank. This can heat air at a temperature rise of 80° over ambient and a flow of 500 cfm. Perfect for the department that wants to provide their customers with the utmost in comfort during difficult situations.

## Model # Rapid Tent

## Pops Up Fast for Easy Set Up



The Rapid Tent provides a spacious 100 square feet of unobstructed floor space with over 7 feet of headroom, yet can be deployed in under one minute. These units can be combined to double the floor space and come standard with a rear door. Perfect for Haz-Mat or Dive Teams in northern latitudes, and to provide quick shelter for Command Staff during an extended incident.

## Model # Tilt Frame 12" & 16" Smoke Ejectors

## Model # Smoke Ejector Running Board Mounts



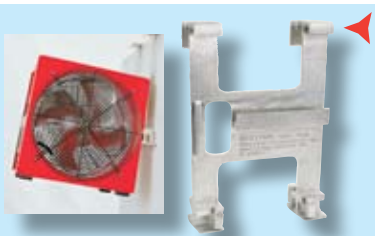
This bracket easily retrofits onto an existing 12" or 16" Super Vac smoke ejector. It allows for quick setup and the tilting of the smoke ejector in any direction. Points airflow where you want it. *Please specify 12" or 16" when ordering.*

These mounts allow you to carry a Smoke Ejector on the running board of your vehicle, for fast removal at the scene. They provide a secure, positive hold for the protection of equipment and personnel.



## Model # Saddle Bracket Door Hanger used with Leg Brackets Stack 2 or 3 Smoke Ejectors

## Model # Leg Brackets



A door hanger for a 16" Smoke Ejector Stack 3 fans by connecting 2 fans with 2 Saddle brackets and 1 set of Leg Brackets to increase CFM airflow.

The leg brackets allow the tilting and stacking of 2 or 3 16" Smoke Ejectors. Two made of cast aluminum



## Model # (WB) Brackets

## Hose Storage



By using WB Brackets with black pipe and 2 X 6s for stringers, you can make storage racks for hose and tires. Maximum 5 ft. between WB brackets. *Model: WB-Small for 1-1/2" Pipe WB-Large for 2" Pipe.*

Protect the new Super Vac with a vinyl Fan Cover. Available in Red or Yellow vinyl. When ordering, please specify the Super Vac Model # and cover color.

## Model # Fan Covers



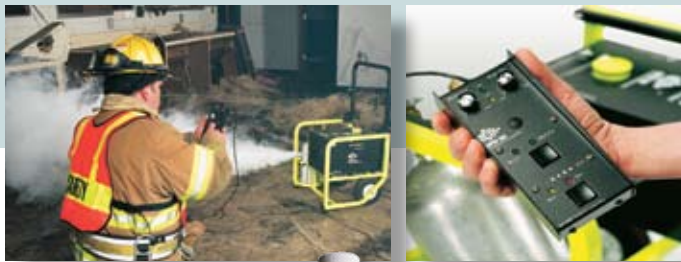


# Cloud 9 “No Other Smoke Machine Like It”

MODEL #	REQUIREMENTS	H. W. D.	WEIGHT	
Cloud 9 S-900	120 VAC. CO <sub>2</sub>	28" x 28.5" x 20.5" 6 x 2.5 Liter (0.67Gal)	132# Bottles	“Also available in 220 Volt Version”



Smoke training used to be a nightmare for instructors using glycol based smokers that frequently clogged, produced rapidly dissipating smoke that burned when inhaled, and left slippery residue on surfaces. That all changed with the introduction of Super Vac’s new self cleaning mineral oil based Cloud 9 Smoker which produces huge amounts of pure white smoke, doesn’t cause breathing discomfort, has superior hang time, and leaves no slippery residue. The Cloud 9 Smoker features the Automatic Clean Cycle ACC that kicks in every time the machine is used. Change your next training nightmare into a dream with the Cloud 9 Smoke machine from Super Vac.



nightmare into a dream with the Cloud 9 Smoke machine from Super Vac.



[www.supervac.com/cloud9](http://www.supervac.com/cloud9)

Cloud 9 Fluid  
Non-Toxic, Clear  
odorless Oil Base

2.5 Liter (0.67Gal) Bottle



*Training personnel should always wear SCBA's if they are exposed to any training smoke for long periods of time.*

London Fogger Fluid  
Water Base Fluid

2.5 Liter (0.67Gal) Bottle



# London Fogger “Big City Little Smoker”

MODEL #	REQUIREMENTS	H. W. D.	WEIGHT	
London Fogger S-500	120 VAC.	10" x 20" x 9" 6 x 2.5 Liter (0.67Gal)	26# Bottles	“Also available in 220 Volt Version”

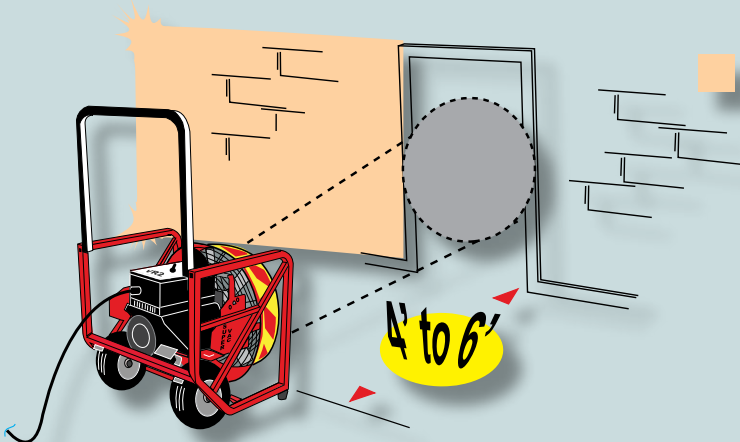
The London Fogger has been designed with safety and reliability in mind. Every unit is equipped with the exclusive Auto Extract System (AES) that extracts fluid from the heating module after smoke production. The AES prevents residual buildup, clogging and reduces incidental puffing. Each unit comes complete with a remote control on a 50 foot extension cord to make that next training exercise go extra smooth. And with the AES, you are guaranteed that the first puff of smoke won't be the last.



# POSITIVE PRESSURE VENTILATION

## FAN PLACEMENT

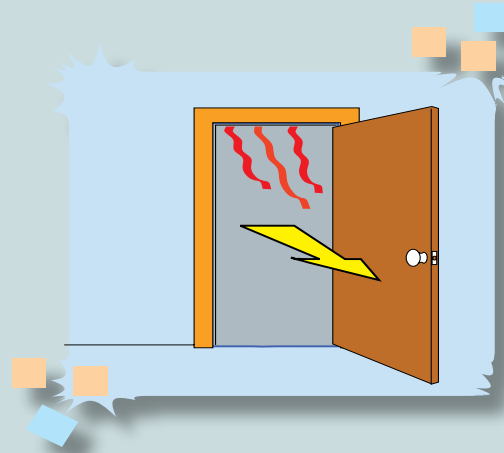
Following are guidelines as to the placement of fans for positive pressure applications. As with all such guidelines, one should follow these based on practice and experience.



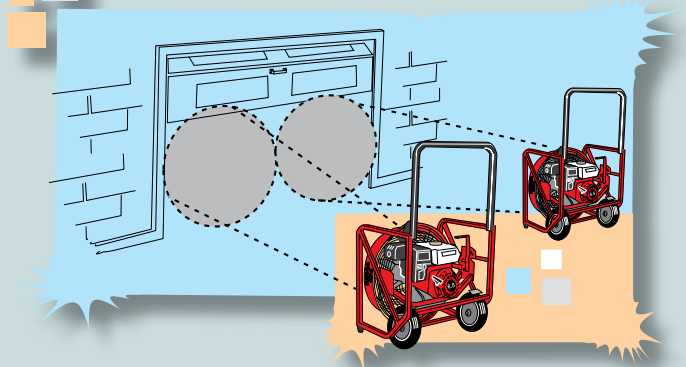
The design of the V-Attack is such that the door is sealed top to bottom with the units at 45° angles. This leaves a straight shot for attack lines.

## USE OF DOORS

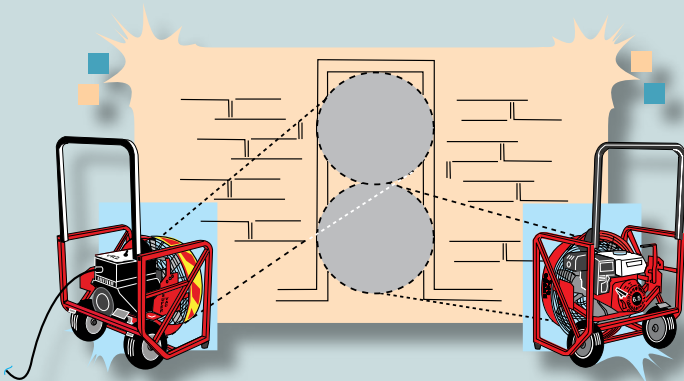
Because fans are not located directly in the doorway for positive pressure operations, the ingress/egress route is not blocked by the fan. Because fans are not in the doorway, fire fighters entering the building should be aware not to stand in the doorway as that will block the incoming air. Streamers can be hung in the doorway to indicate that it is a positive pressure ventilation inlet.



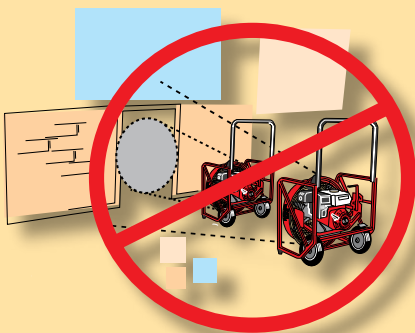
When using a garage door, open it only partway. Then using two fans, seal the doorway with the cones of air.



Do not block the air supply by standing or stooping in back of the fan.



Older Series method of using fans is not as effective as Parallel methods like the V attack.



# USE INSTRUCTIONS

## EXTENSION CORDS

Extension cords work in much the same way as fire hoses. More pressure is required for 100 G.P.M. at the end of a 400 foot 1 1/2" hose than for 100 G.P.M. at the end of a 50 foot 1 1/2" hose. The longer the extension cord, the less voltage there is at the workable end. This problem can be overcome by using extension cords with heavier wires which conduct more electricity and result in a lower voltage drop. The voltage drop caused by undersized extension cords usually cuts the performance of the smoke ejector to below the motor name plate specifications.

EXTENSION CORD REQUIREMENTS

SUPER VAC HP	QTY	STARTING WATTAGE REQUIRED	MAXIMUM CABLE EXTENSION LENGTHS										
			Meters Feet	25	50	75	100	150	200	250	300	350	
1/3*	1	2000	14 GA										
			12 GA										
			10 GA										
1/2*	1	2000	14 GA										
			12 GA										
			10 GA										
	2	4000	12 GA										
			10 GA										
			8 GA										
	3	6000	10 GA										
			8 GA										
			6 GA										
1*	1	4000	12 GA										
			10 GA										
			8 GA										
	2	8000	10 GA										
			8 GA										
			6 GA										
1 1/2	1	6000	10 GA										
			8 GA										
			6 GA										
	2	12000	8 GA										
			6 GA										
			4 GA										

\*FOR 220 VOLT-FANS, DOUBLE THE MAXIMUM LENGTH CABLE EXTENSIONS SHOWN ABOVE.

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

## CORD REELS

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



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

## SUPER VAC'S SMOKE VENTILATION TRAINING MANUAL

Free to fire departments and training institutions with Super Vac products.



The Training Manual comes complete with Chapters on Ventilation Theory, Negative Pressure Ventilation, Positive Pressure Ventilation, Special Situations (High Rise Buildings, Heavier than Air gases, Confined Space Ventilation, etc.) and General Use Instructions. It is designed to help you understand how ventilation can best work in various situations and to help you set up training scenarios that teach proper ventilation concepts. With over 50 years experience supplying quality products to the fire and rescue market, we pack real world knowledge of emergency ventilation into every page.

## WARRANTY

Super Vac fans are warranted for 5 years from date of purchase. Electric motors and gasoline engines have separate 2 year manufacturer's warranty. Saws have a separate 1 year manufacturer's warranty. Super Vacuum Manufacturing Co., Inc. reserves the right to make changes in specifications without notice.



**SUPER VAC**  
THE VENTILATION SPECIALISTS

Super Vacuum Manufacturing Co., Inc. 3842 Redman Drive, Ft. Collins, CO 80524  
Phone 1-800-525-5224 / [www.supervac.com](http://www.supervac.com)



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