

# **SUPERVAC**



**i-Line Industrial Fans & Accessories**

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

## Blowers/Exhausters

F Series.....	4
HF Series.....	5
VF Series.....	5
AF Series.....	5

## PPVs

Electric.....	6
Gas.....	7

## Specialty

Custom Fans.....	8
Nano Series.....	8
Mister Fan.....	8
Aircraft Brake Cooling Fan.....	9

## Mounting and Accessories .....9

## Ducts and Adapters

Ducts.....	10-11
Adapters.....	11

# TIME-TESTED INDUSTRIAL VENTILATION

- ✓ Airports
- ✓ Chemical Plants
- ✓ Refineries
- ✓ Steel Mills
- ✓ Ship Hulls
- ✓ Utility Companies

Ventilation is important in most every industrial environment. By exhausting contaminated air away from the work area and replacing it with clean air, companies can control the exposure of flammable vapors and airborne toxic chemicals to their crews. Machine and workplace cooling is also important in maintaining expensive equipment, controlling workable environments and reducing overhead costs.

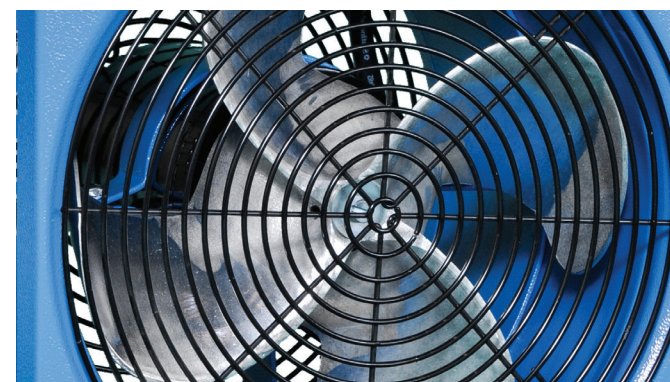
With more than 50 years of experience in the industrial ventilation industry, Super Vac manufactures time-tested, industrial-quality products. We offer a full line of ventilation fans and environmental controlling products with accessories, as well as custom products built for your specific ventilation needs.

### The Super Vac Advantage

What sets Super Vac apart? The answer — our blades. The blade is arguably the most important component of cooling and ventilation products, and for that reason, Super Vac has its own foundry where we create our own patented blade, designed to ensure ejected air and toxic fumes will not re-enter the workspace. Our blades use only the toughest aircraft alloys to ensure they are second to none.



## WHICH FAN IS RIGHT FOR YOU?



Choose from our Blower/Exhausters (Page 4-5) OR select from the Super Vac PPV lineup (Page 6-7)



**Blower/exhausters** have a more concise, direct air flow thanks to Super Vac's patented spiraled blade. These fans can perform both negative and positive pressure ventilation ideal for:

- ✓ Confined space ventilation
- ✓ Ducted ventilation
- ✓ Cooling machines or workplace areas

Available motors: TEAO, 3-Phase, Hazardous Location, Variable Speed and Compressed Air

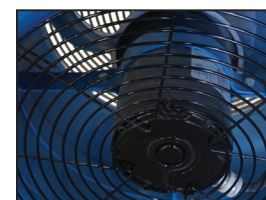


**PPVs** feature a chopper blade, which can push a wider mass of air. These fans are able to place the right amount of pressure in the area to let contaminated air escape through strategically placed exit points as clean air enters the space. PPVs are ideal for:

- ✓ General and large area ventilation

Available motors/engines: TEAO, Hazardous Location, Variable Speed and Gas Engines

## WHICH MOTOR/ENGINE IS RIGHT FOR YOU?



### TEAO Motors

TEAO (Totally Enclosed Air Over) motors are designed to be used solely in the air stream of the fan or blower they are driving, which in turn cools the motor. TEAO motors have a dust-tight cover and an aerodynamic body. Super Vac offers single, three-phase and variable speed TEAO.



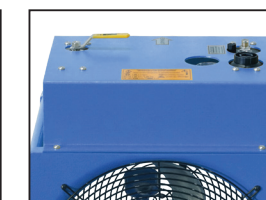
### EVS (Variable Speed)

The EVS variable-speed provides precise control of air movement and up to 35% more airflow than single-speed electric motors. The EVS is the only variable-speed fan in the industry that will run on GFCI circuits and new hydraulic generators without surging at high speed.



### Hazardous Location

Super Vac offers an electric hazardous location motor on both PPVs and blowers/exhausters. These units feature the industry's highest level of protection and is listed for Class 1 Group D environments, pairing an explosion-proof motor with an explosion-proof switch.



### Pneumatic

Also ideal for hazardous locations, Super Vac offers a pneumatic motor in the AF Series blowers/exhausters (Page 5). These units feature a compressed air motor, making these fans intrinsically safe for environments. This motor comes with its own filter, gauge and oiler.



### Gas Engines

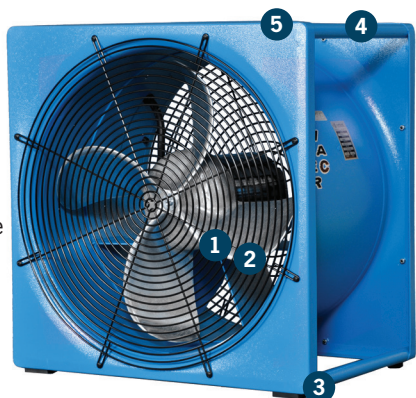
The Super Vac PPV is available with a Honda or Briggs & Stratton gas engine, ranging in horsepower from 3.5-10 HP. This gas option is ideal for industrial organizations that may not have electricity easily or readily available to power their ventilation fan.



## INDUSTRIAL BLOWERS / EXHAUSTERS

Super Vac's F industrial blowers/exhausters provide unmatched durability. The entire frame is constructed of steel, and the patented 4-tip recurved aluminum blade is precision balanced for maximum output. Available motors: single speed, single high speed, variable speed and pneumatic.

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



**5-YEAR WARRANTY**

### F SERIES Single-Speed Motor

The F Series is a popular ventilation choice thanks to its low-noise, high-output industrial design. The F Series comes in four different sizes; the larger 20" or 24" are perfect for cooling machines or ventilating large spaces. Hazardous-location and three-phase motors are available.

Model	Blade Size	Weight	Motor	RPM	Start	Run	Output
F124i	12"	40 lbs 18 kg	Bluffton, single speed, TEAO, 1/3 HP, 50/60Hz, 115/230V AC	1,725	2,000 w 15-amp circuit	800 w	2,100 cfm 3,570 cmh
F164i	16"	44 lbs 20 kg	Bluffton, single speed, TEAO, 1/3 HP, 50/60Hz, 115/230V AC	1,725	2,000 w 15-amp circuit	700 w	5,200 cfm 8,835 cmh
F200i	20"	85 lbs 38.5 kg	Bluffton, single speed, TEAO, 1 HP, 50/60Hz, 115/230V AC	1,725	4,000 w 15-amp circuit	1,500 w	9,500 cfm 16,140 cmh
F244i	24"	110 lbs 50 kg	Bluffton, single speed, TEAO, 1-1/2 HP, 50/60Hz, 115/230V AC	1,725	6,000 w 20-amp circuit	2,100 w	11,800 cfm 20,050 cmh

Model	Blade Size	Weight	Motor	RPM	Start	Run	Output
F124Ei	12"	42 lbs 19 kg	Bluffton, single speed, hazardous location rated for Class 1 Group D, 1/3 HP, 50/60Hz, 115/230V AC	1,725	2,000 w 15-amp circuit	800 w	2,100 cfm 3,570 cmh
F164Ei	16"	49 lbs 22 kg	Bluffton, single speed, hazardous location rated for Class 1 Group D, 1/3 HP, 50/60Hz, 115/230V AC	1,725	2,000 w 15-amp circuit	700 w	5,200 cfm 8,835 cmh
F200Ei	20"	93 lbs 42 kg	Bluffton, single speed, hazardous location rated for Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC	1,725	4,000 w 15-amp circuit	1,500 w	9,500 cfm 16,140 cmh
F244Ei	24"	115 lbs 52 kg	Bluffton, single speed, hazardous location rated for Class 1 Group D, 1-1/2 HP, 50/60Hz, 115/230V AC	1,725	6,000 w 20-amp circuit	2,100 w	11,800 cfm 20,050 cmh

Model	Blade Size	Weight	Motor	RPM	Start	Run	Output
F164Gi	16"	44 lbs 20 kg	RAE, TEAO, variable speed, 1/3 HP, 50/60Hz, 230/460V AC	1,750	2,000 w 15-amp circuit	800 w	5,900 cfm - 10,025 cmh
F164Ti	16"	49 lbs 22 kg	Bluffton, variable speed, hazardous location rated for Class 1 Group D, 1/3 HP, 50/60Hz, 230/460V AC	1,750	2,000 w 15-amp circuit	700 w	5,900 cfm - 10,025 cmh
F200Gi	20"	85 lbs 38.5 kg	RAE, TEAO, variable speed, 1 HP, 50/60Hz, 230/460V AC	1,750	4,000 w 15-amp circuit	1,500 w	9,500 cfm - 16,140 cmh
F200Ti	20"	115 lbs 52 kg	Bluffton, variable speed, hazardous location rated for Class 1 Group D, 1 HP, 50/60Hz, 230/460V AC	1,750	4,000 w 15-amp circuit	2,100 w	9,500 cfm - 16,140 cmh
F244Gi	24"	110 lbs 50 kg	RAE, TEAO, variable speed, 1.5 HP, 50/60Hz, 230/460V AC	1,750	6,000 w 20-amp circuit	2,100 w	11,800 cfm - 20,050 cmh
F244Ti	24"	115 lbs 52 kg	Bluffton, variable speed, hazardous location rated for Class 1 Group D, 1.5 HP, 50/60Hz, 230/460V AC	1,750	6,000 w 20-amp circuit	2,100 w	11,800 cfm - 20,050 cmh



### HF SERIES Single-Speed Motor

The HF Series is the most powerful single-speed fan on the industrial market and can easily be used for negative or positive pressure ventilation. Running at 3,450 RPM, the HF Series has the power to force or pull air deep into a structure or underground vault. This series is available in a hazardous location model.

Model	Blade Size	Weight	Motor	RPM	Start	Run	Output
HF124i	12"	40 lbs 18 kg	Bluffton, single speed, TEAO, 1/2 HP, 50/60Hz, 115/230V AC	3,450	2,000 w 15-amp circuit	800 w	3,700 cfm 6,285 cmh
HF164i	16"	59 lbs 27 kg	Bluffton, single speed, TEAO, 1-1/2 HP, 50/60Hz, 115/230V AC	3,450	6,000 w 20-amp circuit	2,100 w	9,620 cfm 16,345 cmh

Model	Blade Size	Weight	Motor	RPM	Start	Run	Output
HF124Ei	12"	42 lbs 19 kg	Bluffton, single speed, hazardous location rated for Class 1 Group D, 1/2 HP, 50/60Hz, 115/230V AC	3,450	2,000 w 15-amp circuit	800 w	3,700 cfm 6,285 cmh
HF164Ei	16"	63 lbs 28.5 kg	Bluffton, single speed, hazardous location rated for Class 1 Group D, 1-1/2 HP, 50/60Hz, 115/230V AC	3,450	6,000 w 20-amp circuit	2,100 w	9,620 cfm 16,345 cmh

Note: HF164i requires a 20-amp circuit to start and run on 115V.

### VF SERIES Variable-Speed Motor

The VF Series provides precise air control thanks to its variable-speed motor. The VF Series moves 30% more air flow than single-speed electric fans. Featuring full digital controls, fan speeds can be adjusted easily and reversed. The VF Series is compatible with GFCI circuits, making these units highly versatile.

Model	Blade Size	Weight	Motor	RPM	Start	Run	Output
VF124i	12"	40 lbs 18 kg	RAEO, TEAO, variable speed, 1 HP, 50/60Hz, 115/230V AC	2,500	2,000 w 15-amp circuit	800 w	3,100 cfm 5,265 cmh
VF164i	16"	52 lbs 23.5 kg	RAE, TEAO, variable speed, 1 HP, 50/60Hz, 115/230V AC	2,500	2,000 w 15-amp circuit	800 w	5,900 cfm 10,025 cmh
VF200i	20"	88 lbs 40 kg	RAE, TEAO, variable speed, 1 HP, 50/60Hz, 115/230V AC	2,500	2,000 w 15-amp circuit	800 w	9,800 cfm 16,650 cmh

### AF SERIES Compressed Air Motor

The AF Series features a pneumatic, compressed air motor, making this blower/exhauster intrinsically safe for environments with unknown gases. Complete with its own filter, gauge and oiler, the AF Series has everything you need to move lots of air without a lot of air usage.

Model	Blade Size	Weight	Motor	RPM	Run	Output
AF124i	12"	39 lbs 18 kg	Pneumatic, 1/2 HP	2,000	80 PSI - 27 cfm	3,800 cfm 6,455 cmh
AF164i	16"	45 lbs 20.5 kg	Pneumatic, 1-1/2 HP	3,600	100 PSI - 75 cfm	9,600 cfm 16,310 cmh
AF200i	20"	60 lbs 27 kg	Pneumatic, 1-1/2 HP	3,600	100 PSI - 75 cfm	9,800 cfm 16,650 cmh
AF244i	24"	105 lbs 48 kg	Pneumatic, 5 HP	2,250	100 PSI - 100 cfm	14,200 cfm 24,125 cmh

## POSITIVE PRESSURE VENTILATION

PPV stands for Positive Pressure Ventilation. This ventilation technique utilizes a wider airflow path compared to an industrial blower/exhauster. The PPV fan pushes contaminated air through strategically placed exit points, allowing clean air to enter into the space.



## ELECTRIC

Electric motors provide the ultimate output with no engine noise or exhaust fumes. These motors come in Standard, Variable Speed and Hazardous Location models. Select units are designed to provide the maximum airflow from a 1 HP motor that can safely be plugged into any standard 15-amp wall socket. All Super Vac electric fans can be wired for 220-volt operation upon request.

Model	Size	Weight	Motor	RPM	Start	Run	Setback	Angle	Output
716-E2i	16"	68 lbs 31 kg	Bluffton, single speed, 1HP, 50/60Hz, 115/230V AC	1,750	4,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	5,890 cfm 10,007 cmh
718-E2i	18"	82 lbs 37 kg	Bluffton, single speed, 1HP, 50/60Hz, 115/230V AC	1,750	4,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	6,378 cfm 10,836 cmh
720-E2i	20"	88 lbs 40 kg	Bluffton, single speed, 1HP, 50/60Hz, 115/230V AC	1,750	4,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	9,007 cfm 15,302 cmh
724-E2i	24"	104 lbs 47.5 kg	Bluffton, single speed, 1HP, 50/60Hz, 115/230V AC	1,750	4,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	13,320 cfm 22,630 cmh

Model	Size	Weight	Motor	RPM	Start	Run	Setback	Angle	Output
716-EXPi	16"	78 lbs 35.5 kg	Bluffton, single speed – hazardous location rated for Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC	1,750	4,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	5,890 cfm 10,007 cmh
718-EXPi	18"	92 lbs 42 kg	Bluffton, single speed – hazardous location rated for Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC	1,750	4,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	6,378 cfm 10,836 cmh
720-EXPi	20"	98 lbs 45 kg	Bluffton, single speed – hazardous location rated for Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC	1,750	4,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	9,007 cfm 15,302 cmh
724-EXPi	24"	114 lbs 52 kg	Bluffton, single speed – hazardous location rated for Class 1 Group D, 1 HP, 50/60Hz, 115/230V AC	1,750	4,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	13,320 cfm 22,630 cmh

Model	Size	Weight	Motor	RPM	Start	Run	Setback	Angle	Output
716-EVSi	16"	72 lbs 33 kg	RAE, TEAO, variable speed, 1.5 HP, 50/60Hz, 115/230V AC	2,500	2,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	9,950 cfm 16,900 cmh
718-EVSi	18"	86 lbs 39 kg	RAE, TEAO, variable speed, 1 HP, 50/60Hz, 115/230V AC	2,400	2,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	10,744 cfm 18,254 cmh
720-EVSi	20"	92 lbs 42 kg	RAE, TEAO, variable speed, 1.5 HP, 50/60Hz, 115/230V AC	2,400	2,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	13,788 cfm 23,426 cmh
724-EVSi	24"	108 lbs 49 kg	RAE, TEAO, variable speed, 1.5 HP, 50/60Hz, 115/230V AC	2,400	2,000 w 15-amp circuit	1,500 w	6 ft 1.8 m	18°	16,370 cfm 27,815 cmh

## 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**



## GAS

Super Vac's gas-powered PPVs range in size — 16", 18", 20", 24" and 30" — and are available with a Honda GX, Honda commercial or Vanguard by Briggs & Stratton engine. Horsepower ranges from 3.5-10 HP, giving industrial crews a variety of options to find the perfect engine for the job.

Model	Size	Weight	Motor	Displacement	RPM	Setback	Angle	Output
716G4i-B	16"	68 lbs 31 kg	Vanguard by Briggs & Stratton	127 cc	3,450	6 ft 1.8 m	18°	9,940 cfm 16,890 cmh
718G4i-B	18"	84 lbs 38 kg	Vanguard by Briggs & Stratton	205 cc	3,770	6 ft 1.8 m	18°	14,860 cfm 25,247 cmh
720G4i-B	20"	94 lbs 43 kg	Vanguard by Briggs & Stratton	205 cc	3,385	6 ft 1.8 m	18°	17,235 cfm 29,282 cmh
724G4i-B	24"	120 lbs 55 kg	Vanguard by Briggs & Stratton	306 cc	3,245	6 ft 1.8 m	18°	21,100 cfm 35,850 cmh

Model	Size	Weight	Motor	Displacement	RPM	Setback	Angle	Output
716G4i-H	16"	74 lbs 34 kg	Honda GX120	118 cc	3,530	6 ft 1.8 m	18°	11,740 cfm 19,945 cmh
718G4i-H	18"	86 lbs 39 kg	Honda GX200	196 cc	3,535	6 ft 1.8 m	18°	15,168 cfm 25,770 cmh
720G4i-H	20"	96 lbs 44 kg	Honda GX200	196 cc	3,350	6 ft 1.8 m	18°	18,182 cfm 30,891 cmh
724G4i-H	24"	134 lbs 61 kg	Honda GX270	270 cc	3,435	6 ft 1.8 m	18°	20,920 cfm 35,545 cmh
730G4i-H	30"	163 lbs 74 kg	Honda GC390	389 cc	3,220	6 ft 1.8 m	18°	26,849 cfm 45,616 cmh

Model	Size	Weight	Motor	Displacement	RPM	Setback	Angle	Angle
716GCi	16"	70 lbs 32 kg	Honda GC160	160 cc	3,775	6 ft 1.8 m	18°	10,230 cfm 17,380 cmh
718GCi	18"	78 lbs 35.5kg	Honda GC160	160 cc	3,360	6 ft 1.8 m	18°	13,223 cfm 22,466 cmh
720GCi	20"	88 lbs 40 kg	Honda GC160	160 cc	3,185	6 ft 1.8 m	18°	15,499 cfm 26,248 cmh



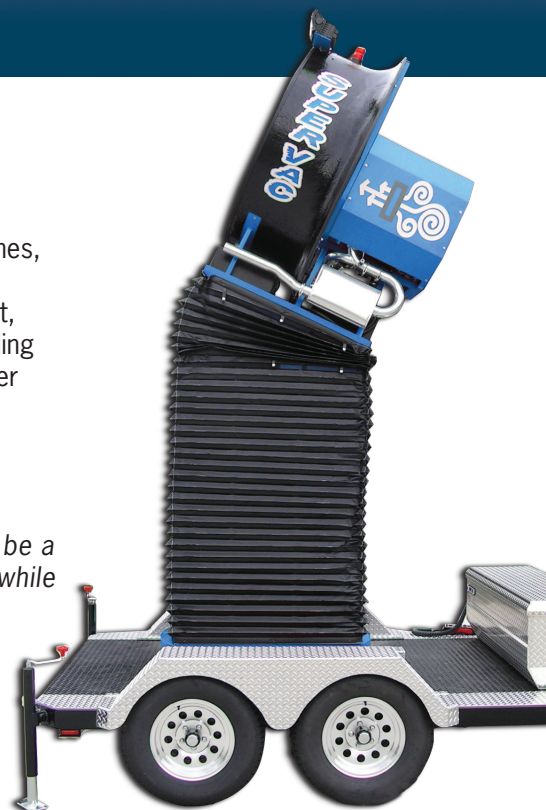
# CUSTOM, SPECIALTY AND CONFINED SPACE FANS



The TMV-40 was built to be mobile, run at a low decibel level and provide 15,000 cfm through an 18" x 25' duct at 5" static pressure.

Not all ventilation scenarios are the same, and sometimes, complex issues require custom solutions. That's where Super Vac comes in. We have our own R&D department, backed by a team of engineers, to help solve your cooling and ventilation challenges. No matter the industry, Super Vac can help develop the perfect product for you.

This custom fan (SVU-50), right, was built to be a mobile unit that could provide 250,000 cfm while misting water at 30 GPM at 60 PSI.



## NANO SERIES

The Nano Series is the perfect, cost effective solution to confined space ventilation challenges. With an 8" diameter, this rugged fan can ventilate by positive or negative pressure methods, while delivering the highest airflow in its class. Also available with a hazardous location motor.

Model	Weight	Motor	Output	Nano pacs
P8Si	20 lbs 9 kg	1/3 HP, TEAO (Totally Enclosed Air Over), 60Hz, 115V AC	1,037 cfm 1,760 cmh	Available as kit with 15' or 25' standard duct
P8XE	22 lbs 10 kg	1/3 HP, hazardous location rated for Class 1 Group D, 60Hz, 115V AC	1,037 cfm 1,760 cmh	Available as kit with 15' or 25' conductive duct

## MISTER FAN 16"

The mister fan produces a cooling mist that reduces air temperature through evaporation. Unlike other misting units that can only be used a few times, this fan continues to reduce the effect of heat for years. Perfect for increasing comfort during extended summertime operations.



Model	Weight	Motor	RPM	Start	Run	Output
F164Mi	41 lbs 18.5 kg	Bluffton, single speed, TEAO, 1/3 HP, 50/60Hz, 115/230V	1,725	2,000 w 15-amp circuit	700 w	5,200 cfm 8,835 cmh

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

## HEAT PAC 25

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 70,000 BTUs of heat for a 10-hour period.

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

## AIRCRAFT BRAKE COOLING FAN



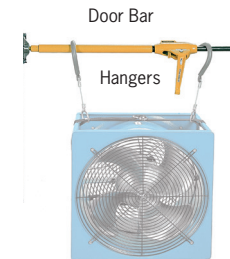
Super Vac's Brake Cooling Fan is a specialized unit designed to pull air over the brakes of commercial airliners. The special seal contacts the wheel of the plane, while the powerful fan pulls cooling air past the brake assembly.

Model	Size	Weight	Motor/Engine
724BCS	24"	108 lbs 49 kg	1 HP TEAO Motor
724BCV	24"	105 lbs 48 kg	1 HP Variable Speed Motor
724BCE	24"	110 lbs 50 kg	1 HP Hazardous Location Motor
724BCH	24"	103 lbs 47 kg	4 HP Honda GX Engine
724BCB	24"	101 lbs 46 kg	1 HP Battery Powered

## TILT STAND FRAME

Super Vac's Tilt Stand Frame is perfect for elevating the fan's air stream to a higher level (positioned in 18-degree increments from blowing straight up or down). The robust design prevents tipping with its wide stance. Super Vac builds the frame for your choice of industrial fan and can be built with additional cord length, giving you a ventilation system that is truly custom for your needs.

Model	Fan Size	Cord Length	Weight
TF-124	12"	10'	38 lbs
TF-164	16"	10'	42 lbs
TS-200	20"	10'	56 lbs
TS-244	24"	10'	64 lbs



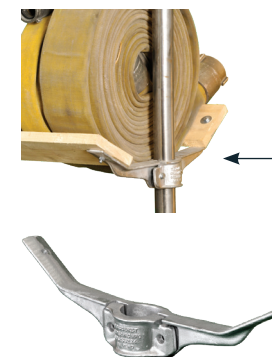
## DOOR BAR / HANGER

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

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

Model	Compatible Fans
HANGER	All F, HF, VF and AF series i-Line Fans

Model	Weight	Usable Range
DOOR BAR	13 lbs - 6 kg	26' - 60" with extensions



## VINYL COVER

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

Please specify model number when ordering.

Model	Compatible Fans
VINYL COVER	All F, HF, VF and AF series i-Line Fans

## 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" (13 mm) height to the stowed dimensions.

## WB BRACKET

Use Super Vac's WB Brackets with pipe and 2x6s to create custom storage racks.

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

Brackets can be spaced 5' apart

Model	Compatible Fans
LIGHT KIT E PPV	Electric PPVs
LIGHT KIT H PPV	Honda PPVs



Patent Pending  
**LFR-BF** THE MOST COMPACT DUCT FOR CONFINED-SPACE VENTILATION

Designed to fit Super Vac's Nano Fans

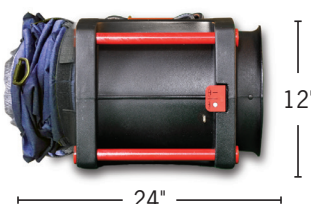


90°

Features flame-resistant, ballistic fabric

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

Requires less than 2 cu. ft. of storage space



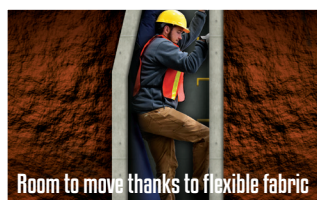
Utilizes a quick-release buckle/strap to secure the duct when folded

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



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

HOW THE LFR DUCT STACKS UP VS OTHER DESIGNS



Room to move thanks to flexible fabric

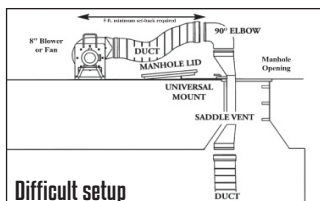


This unyielding duct consumes space

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



Easy setup



Difficult setup

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

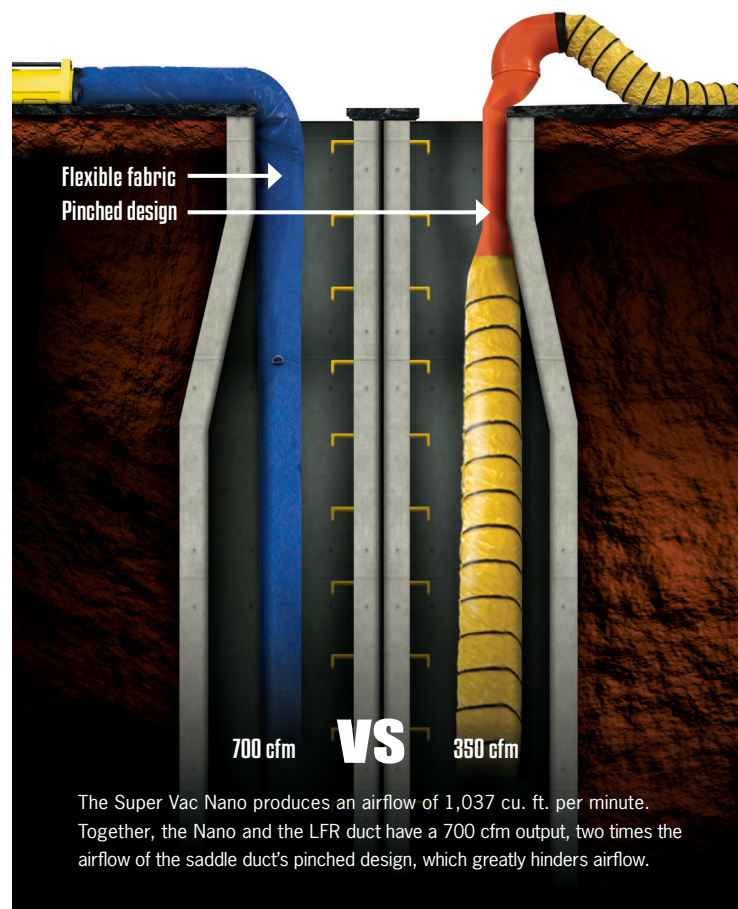


Requires <2 cu. ft. storage



Confined space? Not so much

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



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

OTHER DUCT OPTIONS

SPIRAL DUCTS

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

Available in the following:

Standard Duct

Model	Pairs With	Diameter	Length
8x15BC1	8" Nano	8" (203 mm)	15' (4.6 m)
8x25BC1	8" Nano	8" (203 mm)	25' (7.6 m)
12x20AD	12" Blowers/Exhausters	12" (305 mm)	20' (6.1 m)
12x20BC1	12" PPVs	12" (305 mm)	20' (6.1 m)
16x20AD	16" Blowers/Exhausters	16" (406 mm)	20' (6.1 m)
16x20BC1	16" PPVs	16" (406 mm)	20' (6.1 m)
20x20AD	20" Blowers/Exhausters	20" (508 mm)	20' (6.1 m)
20x20BC1	18" and 20" PPVs	20" (508 mm)	20' (6.1 m)
24x20AD	24" Blowers/Exhausters	24" (610 mm)	20' (6.1 m)
24x24BC1	24" PPVs	24" (610 mm)	20' (6.1 m)
24x20BC1	24" PPVs	24" (610 mm)	20' (6.1 m)



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

For Duct with Adapter, models end with AD

Hazardous Location Duct with conductive material

Model	Pairs With	Diameter	Length
8x15HZ1	8" Nano	8" (203 mm)	15' (4.6 m)
8x25HZ1	8" Nano	8" (203 mm)	25' (7.6 m)
12x20HZAD	12" Blowers/Exhausters	12" (305 mm)	20' (6.1 m)
12x20HZ1	12" PPVs	12" (305 mm)	20' (6.1 m)
16x20HZAD	16" Blowers/Exhausters	16" (406 mm)	20' (6.1 m)
16x20HZ1	16" PPVs	16" (406 mm)	20' (6.1 m)
20x20HZAD	20" Blowers/Exhausters	20" (508 mm)	20' (6.1 m)
20x20HZ1	18" and 20" PPVs	20" (508 mm)	20' (6.1 m)
24x20HZAD	24" Blowers/Exhausters	24" (610 mm)	20' (6.1 m)
24x20HZ1	24" PPVs	24" (610 mm)	20' (6.1 m)

For Duct-Only Belt Cuff (no adapter), models end with HZ1

For Duct with Adapter, models end with HZAD



L DUCT FOR CONFINED SPACE

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



\* With adapter

Standard L Duct (for Nano and F Series)

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



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 stable mounting for blowers/exhausters.

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

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



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" blowers/exhausters.





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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. 1K 0819 ©2019 Super Vac