

Axial Ventilators

Approved & Accredited by
WorkSafeGEAR.com
A Division of Heigtech Safety Systems



Model	1320	1420
Power:	Electric - 1/6 HP 120 VAC, 1.4 Amps	Electric - 1/4 HP 12 VDC, 15 Amps
Certifications:	CSA, CEESI	CEESI
Dimensions: (L x W x H)	12" L x 8.5" W x 12.5" H (30.5 x 21.5 x 31.7 cm)	12" L x 8.5" W x 12.5" H (30.5 x 21.5 x 31.7 cm)
Weight:	15 lbs. (6.8 kg)	17 lbs. (7.7 kg)
Free Air (certified):	809 cfm (22.9 cmm)	719 cfm (20.3 cmm)
w/ one 90° bend:	617 cfm (17.4 cmm)	502 cfm (13.5 cmm)
w/ two 90° bends:	505 cfm (14.3 cmm)	425 cfm (13.5 cmm)



Model	1325P	1400P
Power:	Electric - 1/3 HP 120 VAC, 3 Amps	Electric - 1/4 HP 12 VDC, 15 Amps
Certifications:	CSA, CEESI	CEESI
Dimensions: (L x W x H)	18" L x 14" W x 15" H (35.5 x 38 x 45.7 cm)	18" L x 14" W x 15" H (35.5 x 38 x 45.7 cm)
Weight:	17 lbs. (7.7 kg)	17 lbs. (7.7 kg)
Free Air (certified):	921 cfm (26.1 cmm)	814 cfm (23 cmm)
w/ one 90° bend:	675 cfm (16.2 cmm)	478 cfm (13.5 cmm)
w/ two 90° bends:	546 cfm (15.4 cmm)	479 cfm (13.5 cmm)



Model	1325D	1400D
Power:	Electric - 1/3 HP 120 VAC, 3 Amps	Electric - 1/4 HP 12 VDC, 15 Amps
Certifications:	CSA, CEESI	CEESI
Dimensions: (L x W x H)	14.5" L x 13" W x 14.5" H (36.8 x 33 x 36.8 cm)	14.5" L x 13" W x 14.5" H (36.8 x 33 x 36.8 cm)
Weight:	19.5 lbs. (8.8 kg)	16.5 lbs. (7.5 kg)
Free Air (certified):	1075 cfm (30.4 cmm)	922 cfm (26.1 cmm)
w/ one 90° bend:	668 cfm (18.9 cmm)	541 cfm (15.3 cmm)
w/ two 90° bends:	585 cfm (16.5 cmm)	518 cfm (14.6 cmm)



Model	1375D & 1385D	1475D & 1485D
Power:	Electric - 1/3 HP 120 VAC, 3 Amps	Electric - 1/4 HP 12 VDC, 15 Amps
Certifications:	CSA, CEESI	CEESI
Dimensions: (L x W x H)	37" L x 13" W x 14.5" H (94 x 33 x 36.8 cm)	37" L x 13" W x 14.5" H (94 x 33 x 36.8 cm)
Weight:	40 lbs. (18 kg)	40 lbs. (18 kg)
Certified Air Flow:	(15' hose) / (25' hose)	(15' hose) / (25' hose)
one 90° bend: (cmm)	668 cfm (18.9) / 588 cfm (16.6)	541 cfm (15.3) / 492 cfm (13.9)
two 90° bends: (cmm)	585 cfm (16.5) / 553 cfm (15.6)	518 cfm (14.6) / 490 cfm (13.8)



Model	1380D	
Power:	Electric - 1/3 HP 120 VAC, 3 Amps	The supplied 12" x 8" hose that surrounds the blower unit features great cfm performance during purging. Once purging is complete a smaller 8" diameter hose (taking up less space than the 12") can be attached for continuous ventilation while working.
Certifications:	CSA, CEESI	
Dimensions: (L x W x H)	14.5" L x 13" W x 16.75" H (36.8 x 33 x 42.5 cm)	
Weight:	32.75 lbs. (14.8 kg)	
Free Air (certified):	1077 cfm (30.5 cmm)	
w/ one 90° bend:	917 cfm (25.9 cmm)	

Super Axial Ventilators



Model

Super 12

Super 12 EX

Power:	Electric - 1/2 HP 115 VAC, 8 Amps	Electric - 1/2 HP 115 VAC, 8 Amps
RPM:	3450	3450
Dimensions: (D x W x H)	13.25"D x 15"W x 15.5"H (33.6 x 38.1 x 39.3 cm)	13.25"D x 15"W x 15.5"H (33.6 x 38.1 x 39.3 cm)
Weight:	46 lbs. (20.8 kg)	48 lbs. (21.7 kg)
Shroud CFM:	2750 cfm	2750 cfm
Venturi CFM:	3700 cfm	3700 cfm



Model

Super 16

Super 16 EX

Power:	Electric - 1/3 HP 115 VAC, 5.8 Amps	Electric - 1/3 HP 115/230 VAC, 5.8/2.9 Amps
RPM:	1725	1725
Dimensions: (D x W x H)	13"D x 18.75"W x 19.25"H (33.0 x 47.6 x 48.9 cm)	16"D x 18.75"W x 19.25"H (40.6 x 47.6 x 48.9 cm)
Weight:	44 lbs. (20 kg)	49 lbs. (22.2 kg)
Shroud CFM:	3200 cfm	3200 cfm
Venturi CFM:	5200 cfm	5200 cfm



Model

Super 24

Super 24 EX

Power:	Electric - 1-1/2 HP 115/230 VAC, 18/9 Amps	Electric - 1-1/2 HP 115/230 VAC, 20/10 Amps
RPM:	1725	1725
Dimensions: (D x W x H)	18.75"D x 28"W x 28.5"H (47.6 x 71 x 72.3 cm)	18.75"D x 28"W x 28.5"H (47.6 x 71 x 72.3 cm)
Weight:	110 lbs. (50 kg)	115 lbs. (52 kg)
Shroud CFM:	8600 cfm	8600 cfm
Venturi CFM:	10,800 cfm	10,800 cfm



Model

Super 20 (GH)

Super 20 (GT)

Power:	5 HP 4 Cycle Gas Engine	5.5 HP 4 Cycle Gas Engine
Dimensions: (D x W x H)	20"D x 24"W x 24.75"H (51 x 61 x 63 cm)	20"D x 24"W x 24.75"H (51 x 61 x 63 cm)
Weight:	84 lbs. (38 kg)	86 lbs. (39 kg)
CFM:	9420 cfm (16,000 cmh)	9420 cfm (16,000 cmh)
Description:	GH = Gasoline Honda	GT = Gasoline Techumseh

Centrifugal Ventilators

Approved & Accredited by **WorkSafeGEAR.com**
A Division of Heigtech Safety Systems



Model

1000

Power:	Electric - 1/3 HP 1725 RPM, 60 Hz 120V AC, 6.2 Amps
Certifications:	CSA, CEESI
Dimensions: (L x W x H)	15.25" L x 14.63" W x 15" H (38.7 x 37 x 38 cm)
Weight:	35 lbs. (15.8 kg)
Free Air (certified):	1068 cfm (30.2 cmm)
w/ one 90° bend:	924 cfm (26.1 cmm)
w/ two 90° bends:	807 cfm (22.8 cmm)



Model

1200 (2-speed ventilator)

	Low	High
Power:	Electric - 1/9 HP 1140 RPM, 60 Hz 120V AC, 2.8 Amps	Electric - 1/3 HP 1725 RPM, 60 Hz 120V AC, 6.4 Amps
Certifications:	CEESI	
Dimensions: (L x W x H)	15.5" L x 15.5" W x 15" H (39.3 x 39.3 x 38 cm)	
Weight:	45 lbs. (15.8 kg)	
Free Air (certified):	774 cfm (21.9 cmm)	1171 cfm (33.1 cmm)
w/ one 90° bend:	581 cfm (16.4 cmm)	853 cfm (24.1 cmm)
w/ two 90° bends:	489 cfm (13.8 cmm)	761 cfm (21.5 cmm)



Model

1240 (2-speed ventilator)

	Low	High
Power:	Electric - 1/3 HP 1140 RPM, 60 Hz 120V AC, 7 Amps	Electric - 1 HP 1725 RPM, 60 Hz 120V AC, 12 Amps
Certifications:	CSA, CEESI	
Dimensions: (L x W x H)	18.5" L x 18.5" W x 17.5" H (47 x 47 x 44.5 cm)	
Weight:	63 lbs. (28.5 kg)	
Free Air (certified):	790 cfm (22.3 cmm)	1193 cfm (33.7 cmm)
w/ one 90° bend:	526 cfm (14.9 cmm)	810 cfm (22.9 cmm)
w/ two 90° bends:	506 cfm (14.3 cmm)	805 cfm (22.8 cmm)



Model

1450

Power:	(Briggs & Stratton) Gasoline - 3.5 HP 3600 RPM
Certifications:	CEESI
Dimensions: (L x W x H)	18.5" L x 15.25" W x 16" H (47 x 38.7 x 40.6 cm)
Weight:	65 lbs. (25 kg)
Free Air (certified):	1526 cfm (43.2 cmm)
w/ one 90° bend:	1360 cfm (38.5 cmm)
w/ two 90° bends:	1255 cfm (35.5 cmm)

1453

Power:	(Honda) Gasoline - 4 HP 3600 RPM
Certifications:	CEESI
Dimensions: (L x W x H)	18.5" L x 15.25" W x 16" H (47 x 38.7 x 40.6 cm)
Weight:	55 lbs. (25 kg)
Free Air (certified):	1526 cfm (43.2 cmm)
w/ one 90° bend:	1360 cfm (38.5 cmm)
w/ two 90° bends:	1255 cfm (35.5 cmm)

Hazardous Location / Air Conditioning



MODEL	1000E
Power:	Electric - 1/3 HP 1725 RPM, 60 Hz 120V AC, 6.2 Amps
Certifications:	CEESI
Dimensions: (L x W x H)	15"L x 21"W x 15"H (38 x 53.3 x 38 cm)
Weight:	45 lbs. (20.4 kg)
Free Air (certified):	1068 cfm (30.2 cmm)
w/ one 90° bend:	924 cfm (26.1 cmm)
w/ two 90° bends:	807 cfm (22.8 cmm)



Model	1240E
Power:	Electric - 3/4 HP 1725 RPM, 60 Hz 120V AC, 11.4 Amps
Certifications:	CEESI
Dimensions: (L x W x H)	17"L x 17"W x 17"H (43 x 43 x 43 cm)
Weight:	55 lbs. (25 kg)
Free Air (certified):	1277 cfm (36.1 cmm)
w/ one 90° bend:	1024 cfm (28.9 cmm)
w/ two 90° bends:	880 cfm (24.9 cmm)

Hazardous location ventilators are constructed utilizing explosion-proof electrical components. The hazardous location ventilator power supply is designed to be user-wired. This design is intended to make the end user aware that appropriate electrical fittings dictated by the location parameters must be used. A unit supplied with a particular plug may allow the unit to be connected in a manner that is not approved for hazardous locations. Such a scenario can result in a spark.

An unwired unit enables the end user to properly integrate the ventilator into any of a variety of existing explosion proof wiring systems. The ventilator unit must be properly installed according to all relevant regulations in order to ensure that the electrical components retain their hazardous location certifications. Do not limit the application or endanger your safety with a pre-wired unit!



PelAir15V / 30V Portable Air Conditioners.

For use in emergency response shelters for Fire, Police, Hazmat crew in bio-terror and mass casualty incidents. Delivers adequate ventilation for Manholes and Confined spaces where cool air is needed for sustainable work environment.

Model	PelAir15V	PelAir30V
Power:	120V AC, 60 Hz, 20 AMP	240V AC, 60 Hz, 15 AMP
Dimensions: (L x W x H)	31.50"L x 27.25"W x 46.50"H (80 x 69 x 118.5 cm)	31.50"L x 27.25"W x 46.50"H (80 x 69 x 118.5 cm)
Weight:	190 lbs. (86.2 kg)	190 lbs. (86.2 kg)
Air Flow:	avg. 423 cfm	avg. 423 cfm
w/ one 90° bend:	416 cfm	416 cfm
w/ two 90° bends:	407 cfm	407 cfm
Air Temp. Difference:	15° -25° F	20° -30° F
Cooling Capacity:	13,500 BTU	24,000 BTU (2 Ton)



Model	1690D
Power:	120 VAC, 1 Amp
Certifications:	CSA, CEESI
Dimensions: (L x W x H)	18.5" L x 13.5" W x 15.25" H (47 x 34 x 38.7 cm)
Weight:	30 lbs. (13.6 kg)
Certified Air Flow:	(coupled w/1325D)
Free Air:	639 cfm (18.0 cmm)
w/ one 90° bend:	532 cfm (15.0 cmm)
w/ two 90° bends:	498 cfm (14.1 cmm)
BTUs	70,000
Propane Usage:	2.25 lbs./hr.

Our Model 1690D, when coupled with the 1325D Axial Ventilator, provides fresh warm air for all your confined space needs. This unit is propane fired and electrically powered. Requires the model 1325D Ventilator to operate. A Remote Thermostat Control (Model 1620) is also available.



Model	1590
Power:	120 VAC, 4 Amps
Certifications:	CSA, CEESI
Dimensions: (L x W x H)	27" L x 14.5" W x 14" H (68.5 x 36.8 x 35.5 cm)
Weight:	47 lbs. (21.3 kg)
Free Air (certified):	424 cfm (12.0 cmm)
w/ one 90° bend:	380 cfm (10.7 cmm)
w/ two 90° bends:	366 cfm (10.3 cmm)
BTUs	45,000
Propane Usage:	1.5 lbs./hr.

Our Model 1590, one-piece, Axial Propane Heater/Blower, provides fresh warm air. It is extremely efficient requiring only 45,000 BTU's of input to get a 125° heat rise. Certified for ventilating confined spaces with or without heated fresh air via air ducts. This model is available in both North American and European voltages.



Model	1500S
Power:	120 VAC, 7 Amps
Certifications:	CSA, CEESI
Dimensions: (L x W x H)	29.5" L x 14.5" W x 25" H (75 x 36.8 x 63.5 cm)
Weight:	86 lbs. (38.5 kg)
Free Air (certified):	419 cfm (11.8 cmm)
w/ one 90° bend:	303 cfm (8.5 cmm)
w/ two 90° bends:	297 cfm (8.4 cmm)
BTUs	54,000
Propane Usage - low:	1 lb./hr. (low setting)
Propane Usage - high:	2 lbs./hr. (high setting)

Our Model 1500S, is a one-piece centrifugal heater/blower popular for its heavy duty construction. It has two burners allowing different degrees of efficiency and performance. This model, like our other heaters, comes with a thermal switch that cuts the burners off and leaves the fan running should an upset condition occur.



Model	1557
Power:	n/a
Certifications:	CSA
Dimensions: (L x W x H)	13" L x 9.5" W x 20" H (33 x 24 x 60.8 cm)
Weight:	11 lbs. (5 kg)
BTU's:	8,000 - 16,000
Propane Usage - low:	.25 lb./hr. (low setting)
Propane Usage - high:	0.5 lbs./hr. (high setting)

The Model 1557 is a radiant style, portable, infrared construction heater. It is adjustable from 8,000 to 16,000 BTU's. This patented design provides clean, efficient heat for tents or any other ventilated space. Safety features include thermal sensor and tip over protection. No electrical power is required.

Ventilation Accessories

"HRT" Series Hose & Canister



13250 Ventilator
& 3215 HRT Hose Canister

This hose and canister attaches securely to the 1325D and 1400D ventilators. The 3215HRT includes a 15 ft (4.57 m) hose and the 3225HRT includes a 25 ft (7.62 m) hose. The 3215HRT weighs 20 lb (9.07 kg) and the 3225HRT weighs 25 lb (11.3 kg).

"AirPac" Series Hose & Canister



1325P Ventilator
& AirPac15 Hose Canister

The AIRPAC series is a molded polyethylene canister and hose combination, which attaches to the 1325P & 1400P ventilators. The AIRPAC15 includes a 15 ft (4.57 m) hose. The AIRPAC26 includes a 25 ft (7.62 m) hose.

2000 Series Ventilator Hoses

Three styles of high quality 8" dia. (20cm) ventilation hoses:
Hoses have cuff & strap at one end.



Model	Description
2015HRT	Standard Wt., 15' L (4.57 m)
2025HRT	Standard Wt., 25' L (7.62 m)
2015HD	Heavy Duty Wt., 15' L (4.57 m)
2025HD	Heavy Duty Wt., 25' L (7.62 m)
2006-N	Insulated, 6' L (1.82 m)
2015-N	Insulated, 15' L (20.57 m)
2025-N	Insulated, 25' L (7.62 m)

"SpaceMaker" Series Ventilator Hoses



Our SpaceMaker hose allows unrestricted, continuous ventilation during entry and egress of a confined space. There are no accessory parts. Stores in a regular hose canister. Hoses are 8" (20cm) diameter X 15 ft (4.57M) long. Note: not for use with heated air above 250°.

Model Spacemaker 15

"Pel Can" Hose Storage



Steel construction, and coated with a weather resistant, safety yellow powder coat finish. Model 3025A holds all HRT & 2015HD hoses. Model 3035A holds all "N" models & 2025HD hoses.

Model 3015P Hose Storage



Model 3015P - Constructed of a durable, weather resistant, high-impact polyethylene plastic, and will hold HRT model hoses only.

"Caddy" Hose Storage



Hose Caddy - (Model - Caddy)
Designed for easy moving and storage of hoses, constructed of lightweight aluminum.

Model 3003P Suction Adaptor



Our Model 3003P suction adaptor attaches to the intake side of the 1325 & 1400 series ventilators, so that you may attach an 8" (20 cm) diameter hose to provide suction.

Model 2101 Hose to Hose Connector



Our Aluminum Hose to Hose Adapter is easily installed to securely combine lengths of 8" (20 cm) diameter ventilator hose.

Accessories



Filter Regulator for Heaters



Our Model 1590-F Filter/Regulator/Gauge is a compact unit that fits into the LP gas line behind the tank valve to filter out impurities and regulate the bottle pressure to a safe working pressure. The POL Excess Flow Valve will shut down fuel flow to downstream equipment in the event of a regulator fire.

LPG Bottle Warmer



Our Model 9651 Bottle Warmer safely prevents propane bottles from freezing! It is a silicon rubber belt with interlaced heating elements. This model is equipped with a protective UL recognized thermostat & is CSA Approved. Includes a 12' (3.65 m) type HPN heater cord set. Folds for easy storage. For use on either 20 lb. (9.07 kg) or 40 lb. (18.14 kg) bottles. 375 Watts.

Remote



Remote Thermostat model 1620 for use w/1690D Heater. Allows heater to cycle on and off at user-adjusted temperatures while maintaining continuous, uninterrupted ventilation.

Conductive Ventilator Hose - 8" dia.



Statically conductive ventilation hoses are available in several lengths. Model 2015EX is 15' L (4.57 m), Model 2025EX is 25' L (7.62 m), and Model 2050EX is 50' L (15.24 m). All are 8" (20 cm) in diameter. They are supplied with cuff and attachment hardware and lug for grounding.

Super Axial Spiral Ducts



Super Axial ducts are high quality hoses made with heavy duty wear strips and two-ply construction. Ideal for moving large quantities of air into hard to reach places. Available with an adapter as shown (AD). Extension pieces also available without adapter (RC2). Each duct comes complete with it's own storage bag.

Model	Diameter	Length
12X20AD	12"	20'
16X20AD	16"	20'
24X20AD	24"	20'
12X20RC2	12"	20'
16X20RC2	16"	20'
24X20RC2	24"	20'

Super Axial Manhole Adaptors

Rugged aluminum adaptors sit in manhole rings to provide stable mounting for super axial ventilators.

Model	Fan size	Manhole
PMA16-24	16"	24"
PMA16-30	16"	30"





8" Petrol Driven Centrifugal Blower

Perfect for remote location work where electricity is not available, this 3 1/2 HP motor offers high air flow rates. The 8" ports and steel guards provide safety; the sturdy metal base gives stability and it comes with a handy carry handle. The blower includes a 10 foot metal exhaust hose and two quarts of petrol will power 2 - 3 hours of running time.

Free Air	One 90 degree bend	two 90 degree bends
2000 -3000	1500 -2500	1350 - 2350

Part No. 9505



8" Air Driven Centrifugal Blower

Ideal for work where a compressor is readily available, this air driven unit requires 30CFM at 40 PSI. It uses an aluminum fan for explosion proof requirements and includes a steel base for stability, tough polyethylene housing, 2 stage filter, regulator and lubricator. If used in hazardous environments, use with statically conductive ducting.

Free Air	One 90 degree bend	two 90 degree bends
1800	1350	900

24 kgs

Part No. 9508

VENTURI BLOWERS

Venturi Blowers are the perfect solution for moving air in refineries, utility and power plants, pulp and paper plants, marine, shipbuilding and steel industries plus in manhole operations. Anywhere that fumes may be poisonous, explosive or hazardous and need to be removed from process towers, tanks, large pipes, manholes and confined space operations. Welding fumes, hot air, gases and smoke can all be removed quickly and easily.

Venturi Blowers are also ideal for cooling heavy equipment that may be in danger of overheating or that needs to be cooled in order to carry out maintenance work. Venturi blowers are also able to cool workers in elevated temperatures with a blast of directed air creating air movement.

With no moving parts, simple design, explosion proof and static ground that is attached to the base, Venturi Blowers are suitable for use in under ground mining operations.



Air Flow Out

Sturdy Steel galvanized steel diffuser

All models include a crow's foot inlet connection

Static ground is attached to the base of all blowers

Single piece cast aluminum inlet housing

Air Flow In

Venturi Blower Small
Part No. 9518-035

Venturi Blower Medium
Part No. 9518-06

Venturi Blower Large
Part No. 9518-08

