



Confined Space Ventilation Safety

8" Centrifugal Blowers and Kits Non-Hazardous Locations

Issue: Confined spaces are some of the most dangerous and potentially life-threatening work environments in industry, making ventilation, respiratory and PPE equipment an integral component of a total safety program. US OSHA states "electrical equipment must be approved by a Nationally Recognized Testing Laboratory (NRTL) " . . . and stated in 29 CFR 1910.303(a). In addition, NRTL's must approve this equipment using US recognized test standards, 29 CFR 1910.7." Proper selection and training with approved hazardous location safety equipment can reduce the cause of potential accidents and even loss of life. In order to select the proper equipment, the worker must first determine whether the location is considered a **Hazardous** or **Non-Hazardous** location. If the location is deemed to be Hazardous or Potentially Hazardous, the ventilation blower must be approved for use in the hazard location and an explosion-proof electric or pneumatic blower should be chosen.



Application: In order to stabilize the atmosphere in the confined space, continuous ventilation should be used before and during occupancy of the confined space. These blowers can be used to provide fresh air to underground vaults, tanks, open pits, and many other similar areas.

Recommendation: Once the confined space is determined to be hazardous through the use of a gas detection meter, the correct blower can be chosen to meet the working conditions and available power. Always inspect the blower for loose parts or debris that may cause harm to a worker. Make sure all electric blowers are properly grounded. Make sure all confined space workers are trained on the use and proper application of the ventilation system and all other confined space tools. **If there is potential the atmosphere in the confined space could become hazardous, select an explosion-proof or intrinsically safe blower.**



SVB-E8CUP
Standard
Blower Kit



SVB-E8-2
2-Speed Electric Blower



Blower CFM

Model	Model No.	Free Air	25' 1-90° Bend	25' 2-90° Bends
Economy Blower	SVB-E8EC	1390 CFM	1075 CFM	890 CFM
Standard Blower	SVB-E8	1570 CFM	1047 CFM	873 CFM
2-Speed Blower - High	SVB-E8-2	1570 CFM	1047 CFM	873 CFM
2-Speed Blower - Low	SVB-E8-2	750 CFM	490 CFM	425 CFM
Gasoline Blower - High	SVB-G8	3000 CFM	1725 CFM	1295 CFM
Gasoline Blower - Low	SVB-G8	1500 CFM	1040 CFM	870 CFM

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Blower and Fan Selection Guide
Available at www.airsystems.com



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SVB-E8EC
Economy
Electric Blower



SVB-E8
Single Speed
Electric Blower



SVB-E8-2
2-Speed
Electric Blower



SVB-G8
Gasoline Blower

8" Centrifugal Blowers for Non-Hazardous Locations

Description	ASI Part #
8" Economy Blower: 1/2 HP electric motor, TEFC, 115 VAC, 8 amps, 60 Hz, GFI power cord, 33 lbs.	SVB-E8EC
8" Standard Blower: 3/4 HP electric motor, TEFC, 115 VAC, 10.8 amp, 60 Hz, GFI power cord, 52 lbs.	SVB-E8
8" 2-Speed Blower: 3/4 HP, 2-speed electric motor, TEFC, 115 VAC, 11.5 amp, 60 Hz, GFI power cord, 53 lbs.	SVB-E8-2
Gasoline Blower: 127 cc Briggs & Stratton motor approx. 4 HP, 57 lbs.	SVB-G8



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8" Centrifugal Blower Kits for Non-Hazardous Locations

Description	ASI Part #
Economy Blower Kit: SVB-E8EC blower and SV-CUP Saddle Vent® Ventilation Kit	SVB-E8CUP
Standard Blower Kit: SVB-E8 blower and SV-CUP Saddle Vent® Ventilation Kit	SVB-E8SCUP
2-Speed Blower Kit: SCVB-E8-2 blower and SV-CUP Saddle Vent® Ventilation Kit	SVB-E82CUP
Gasoline Blower Kit: SVB-G8 blower and SV-CUP Saddle Vent® Ventilation Kit	SVB-G8CUP
Industrial Saddle Vent® Ventilation Kit: Industrial Saddle Vent®, 6 and 15 ft duct, Duct Canister, 90° elbow, and Universal Mount	SV-CUP

Fans meet OSHA 29 CFR 1910.303(a) and 1910.7 electric certification requirement.



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