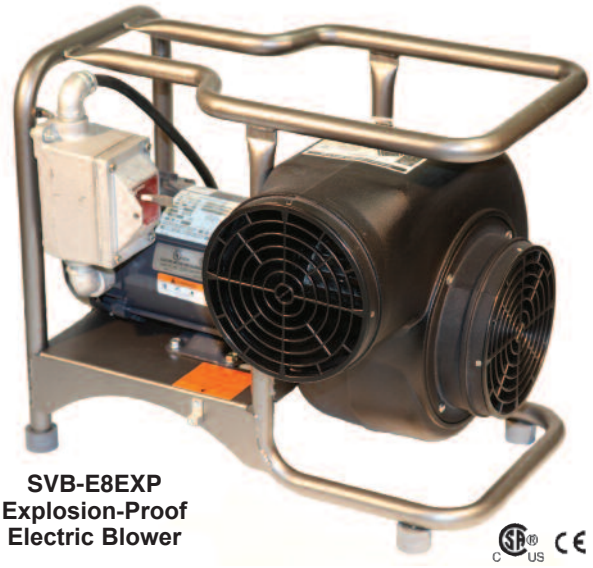
Confined Space Ventilation Safety

8” Centrifugal Blowers and Kits
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 “electical 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-E8EXP
Explosion-Proof
Electric Blower

SVB-A8CUP
Pneumatic Blower Kit

Blower CFM

Model No.	Free Air	25' 1-90° Bend	25' 2-90° Bends
SVB-E8EXP	1570 CFM	1047 CFM	873 CFM
SVB-A8 High	3000 CFM	1725 CFM	1295 CFM
SVB-A8 Low	1500 CFM	1040 CFM	870 CFM

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

For Use In Hazardous Locations

www.airsystems.com

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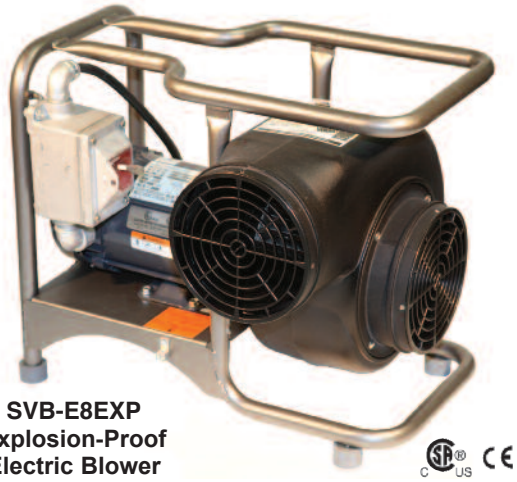

SVB-E8EXP
Explosion-Proof
Electric Blower

For Use In Hazardous Locations

SVB-A8
Pneumatic Blower
Intrinsically Safe

8” Centrifugal Blowers for Hazardous Locations

Description	ASI Part #
8” Explosion-Proof Electric Blower: 3/4 HP explosion-proof electric motor, 115VAC, 12.6 amp, Plug not included, 67 lbs.	SVB-E8EXP
8” Pneumatic Blower: 4 HP pneumatic motor, operates from 5-80 psi, 48 lbs.	SVB-A8

8” Centrifugal Blower Kits for Hazardous Locations

Description	ASI Part #
8” Explosion-Proof Electric Blower Kit: SVB-E8EXP blower and SV-CUPCND Conductive Saddle Vent® Ventilation Kit	SVB-E8XCUP
8” Pneumatic Blower Kit: SVFB-A8 blower and SV-CUPCND Conductive Saddle Vent® Ventilation Kit	SVB-A8CUP
8” Conductive Saddle Vent® Ventilation Kit: Conductive Saddle Vent®, 90° elbow, 6 and 15 ft conductive duct, duct canister, and universal mount	SV-CUPCND

MADE in the USA

VIDEO ONLINE

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

www.airsystems.com

SVB-E8XCUP
Explosion-Proof
Electric Blower Kit

For more information contact Air Systems Customer Service
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