



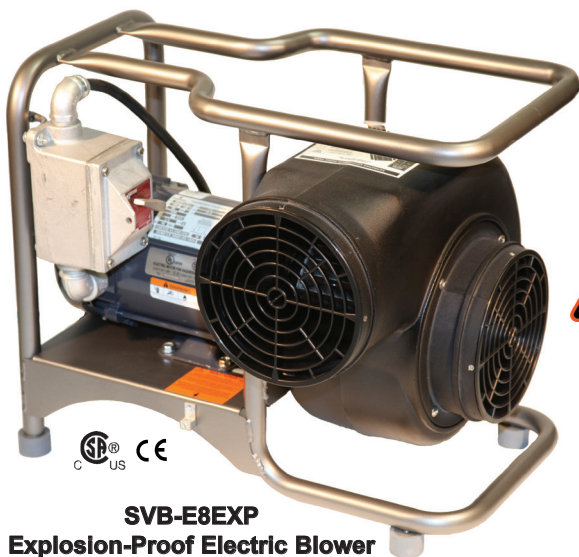
# Confined Space Ventilation Safety

## 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 "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-A8CUP**  
8" Pneumatic Saddle Vent® Kit



Model	Model No.	Speed	Free Air	25' 1-90° Bend	25' 2-90° Bends
Exp Blower (60 Hz)	SVB-E8EXP	1 Speed	1,570 CFM	1,047 CFM	873 CFM
Exp Blower (50 Hz)	SVB-E8X250	1 Speed	1,308 CFM	872 CFM	729 CFM
Pneumatic Blower	SVB-A8	High	3,000 CFM	1,725 CFM	1,295 CFM
		Low	1,500 CFM	1,040 CFM	870 CFM

Blower and Fan Selection Guide Available at  
[www.AirSystems.com](http://www.AirSystems.com)

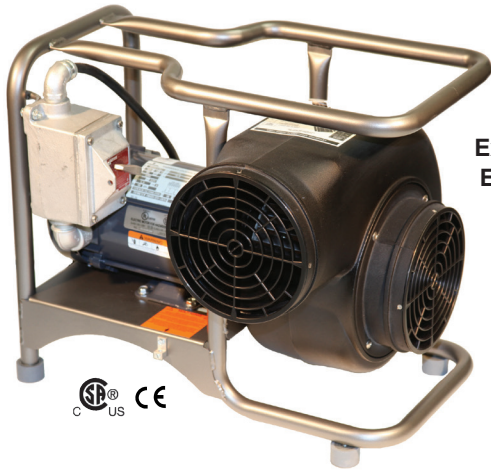
Saddle Vent® is a Registered Trademark  
of Air Systems International, Inc.





# Confined Space Ventilation Safety

## 8" Centrifugal Ventilation Blowers Hazardous Locations



**SVB-E8EXP**  
Explosion-Proof  
Electric Blower



**SVB-A8**  
Pneumatic Blower  
Intrinsically Safe



**SVB-E8XCUP**  
Explosion-Proof  
Electric Blower Kit



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

Approved for Hazardous Location Usage:

**SVB-E8EXP** - CSA C/US certified for Classes I and II, Groups C, D, E, F, and G.

**SVB-A8** - CE Registered

### 8" Centrifugal Blowers for Hazardous Locations

Item No.	Description
<b>SVB-E8EXP</b>	Explosion-proof electric blower - 3/4 HP, 115 VAC, 60 Hz, 12.6 amp. CSA C/US Certified. CE Registered. 72 lbs. <b>No plug.</b>
<b>SVB-E8X250</b>	Explosion-proof electric blower - 3/4 HP, 230 VAC, 50 Hz, 78 lbs. CE Registered. <b>No plug.</b>
<b>SVB-A8</b>	Pneumatic motor - 4 HP, operates from 10-100 psi. Includes moisture/oil separator and filter. CE Registered. 61 lbs.

Explosion-Proof Plug sold separately. See Full Line Catalog for Options

### 8" Saddle Vent® Kits - Hazardous Locations

Item No.	Description
<b>SVB-E8XCUP</b>	SVB-E8EXP explosion-proof electric blower and SV-CUPCND Conductive Kit, <b>no plug.</b>
<b>SVB-A8CUP</b> <b>SV-CUPCND</b>	SVB-A8 Intrinsically Safe pneumatic blower and SV-CUPCND Kit <b>Conductive Ventilation Kit:</b> Conductive Saddle Vent®, 90° conductive elbow, 6 and 15 foot conductive duct, duct canister, and universal mount

Explosion-Proof Plug sold separately. See Full Line Catalog for Options



[www.AirSystems.com](http://www.AirSystems.com)