



Confined Space Ventilation Safety

10" In-Line Axial Fan 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 confined space 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.

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 non-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.**



SVF-10E
10" In-Line Axial Fan

Connect Multiple Blowers in Series
to Run Long Sections of Air Duct

Standard Models	Model No.	Free Air	25' 1-90° Bend	25' 2-90° Bends
10" Blower (60 Hz)	SVF-10E	868 CFM	648 CFM	589 CFM
10" Blower (50 Hz)	SVF-10AC50	723 CFM	540 CFM	491 CFM

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SVF-10ECUP
10" Electric Fan Kit

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

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

10" In-Line Steel Axial Fans

Item No.	Description
SVF-10E	10" Electric in-line fan, continuous duty, 1/8 HP, 115 VAC, 60 Hz. CSA C/US Certified. CE Registered. 30 lbs.
SVF-10AC50	10" Electric in-line fan, continuous duty, 1/8 HP, 230 VAC, 50 Hz. CE Registered. 30 lbs.



10" In-Line Electric Ventilation Kits

Item No.	Description
SVF-10ECUP	SVF-10E fan, Industrial Saddle Vent®, 6 & 15 foot 8" duct, duct canister, 90° elbow, & universal mount



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