

# Confined Space Ventilation Solutions for the Brewery Industry

## Reduce Down Time While Meeting OSHA Regulations!

Confined spaces are some of the most dangerous and potentially life-threatening work environment at breweries. This danger is often overlooked as it's not an everyday occurrence or if a specific safety team is not available. Proper selection and training with approved safety equipment can reduce the potential for accidents or worse, loss of life.

Addressing safety is paramount to making work environments safer for both micro and national breweries. The Brewers Association has written a **Best Management Practice Guide for Confined Spaces** to communicate the importance of safely dealing with confined spaces. The Guide describes the most common confined spaces found in breweries and covers frequently asked questions.

[www.brewersassociation.org/best-practices/safety/confined-spaces/](http://www.brewersassociation.org/best-practices/safety/confined-spaces/)

### How Can Air Systems International Assist Breweries in Meeting OSHA Standards?

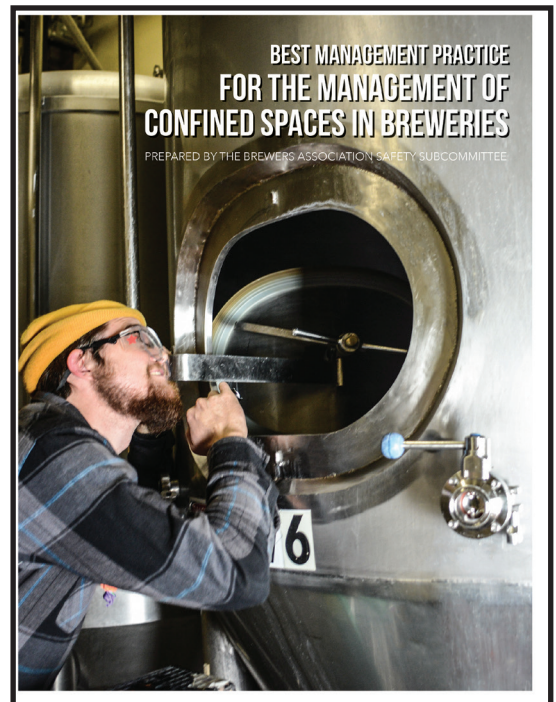
As an industry leader, we offer numerous ventilation solutions for most situations for confined spaces and an experienced customer service team to assist selecting the correct fan or blower option for the job. From cleaning kettles to ventilating a tank while welding repairs are done, we have any ventilation need covered.

**Example:** During the fermentation process, a lack of oxygen can occur, or there may be dangerous levels of carbon dioxide present. Either situation can cause an exposed employee to collapse, creating an emergency situation. Forced ventilation can also cool a vat down faster, reducing the down time before the vat can be entered for inspection, cleaning, or maintenance. The atmosphere inside the vat remains stable by continually forcing fresh air in during the entry procedure.

Air Systems International manufactures a full line of ventilation fans and blowers to meet the needs of the brewing industry. We have had firsthand experience in seeing the need for such equipment to allow breweries to meet OSHA standards, reduce downtime, and “**Brew Responsibly.**”

### Confined Space Examples:

- Bright tanks
- Fermenters
- Mash tuns
- Kettles
- Yeast propagation tanks
- Liquor tanks
- Silos
- Grain bins
- Sump pits
- Utility vaults
- Water treatment tanks



Best Management Practice Guide for Confined Space from The Brewers Association

### Additional References:

<https://www.brewersassociation.org/wp-content/uploads/2014/09/Confined-Space-Power-Hour.pdf>  
<http://www.equippedbrewer.com/finance-and-legal/osha-your-craft-brewery-confined-space-safety>

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

# Confined Space Ventilation Solutions for the Brewery Industry

Properly Ventilate Confined Spaces to Meet OSHA Regulations



CVF-BREW



SVB-BREW



SV-189T



## 8" Brewery Ventilation Kits

| Item No. | Description   |
|----------|---|
| CVF-BREW | CVF-8AC axial fan, 8" Saddle Vent®, 15 and 6 foot duct, duct canister     |
| SVB-BREW | SVB-E8 centrifugal fan, 8" Saddle Vent®, 15 and 6 foot duct, duct carrier |

## 8" Economy Axial Fan & Ventilation Kits

| Item No.   | Description                              |
|------------|--|
| CVF-8AC    | 8" AC axial fan - 1/3 HP, 115 VAC, 60 Hz |
| CVF-15ACAN | CVF-8AC axial fan with 15' duct canister |
| CVF-25ACAN | CVF-8AC axial fan with 25' duct canister |

12" Economy Axial Fan and Kits Available

## Centrifugal Electric Blowers & Kits

| Item No. | Description   |
|----------|---|
| SVB-E8   | 3/4 HP electric motor, TEFC, 115 VAC, 10.8 amp, 60 Hz, GFI power cord, 52 lbs.          |
| SVB-E8-2 | 3/4 HP, 2-speed electric motor, TEFC, 115 VAC, 11.5 amp, 60 Hz, GFI power cord, 53 lbs. |

Full line of confined space ventilation products, including explosion-proof fans and kits, may be found at: [www.airsystems.com](http://www.airsystems.com)

## Ventilation Accessories

| Item No.                | Description   |
|-------------------------|---|
| <b>The Saddle Vent®</b> |   |
| SV-189                  | The 8" Industrial Saddle Vent® - orange   |
| SV-189T                 | Tank Saddle Vent® - grey. For tank applications. Fits small round/oval entry ports 20" and smaller. |
| <b>Standard Ducting</b> |   |
| SVH-6                   | 8" Diameter, 6 foot length - yellow   |
| SVH-15                  | 8" Diameter, 15 foot length - yellow  |
| SVH-25                  | 8" Diameter, 25 foot length - yellow  |

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*The Industry Leader in Breathing Air Filtration & Portable Ventilation*