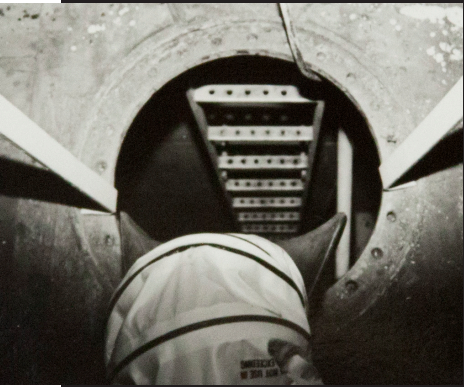


The Saddle Vent[®] & Ventilation Kits

Confined Space Entry
Do it Right The First Time!



The Saddle Vent[®]



The Tank
Saddle Vent[®]



The Conductive
Saddle Vent[®]



Air Systems International, Inc.

Email: sales@airsystems.com

Catalog Request: catalog@airsystems.com

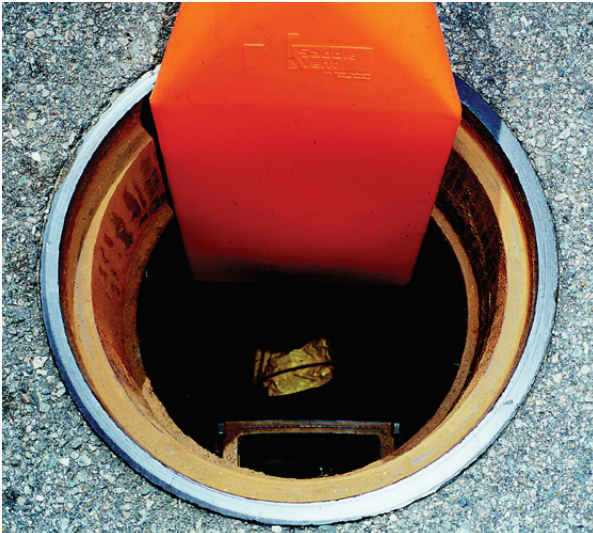
Leading The Safety Industry Since 1984

www.AirSystems.com

The 8" Industrial Saddle Vent®

Approved for use in Non-Hazardous Environments

The Saddle Vent® was developed by Air Systems and has been in use around the world for over 25 years to make it easier and safer for workers to enter and exit a confined space. The Saddle Vent® takes up only 3 inches in a manhole opening and functions as a fresh air conduit to the workers in the confined space. With the Saddle Vent® System in place, continuous ventilation is supplied to the workers by eliminating the need to remove the air duct each time a worker needs to enter or exit a confined space, **increasing safety and productivity.**



The Saddle Vent® allows unrestricted entry and exit and improves ambient light in a confined space opening

Saddle Vent® is the Registered Trademark of Air Systems International

Industrial Saddle Vent®

Model: 8"
 Length: 43.5"
 Width: 14.5"
 Depth: 3.5"
 Top O.D.: 8"
 Bottom O.D.: 8"

- Flow Loss: Less than 1%
- Construction: Polyethylene
- Temperature Rating:
 +220°F Melt Temp.
 -158°F Brittleness Temp.



SV-189



SV-UM

The Industrial Saddle Vent®

| Model No. | Description |
|------------|---|
| SV-189 | The 8" Industrial Saddle Vent® - orange |
| SV-18912-O | The 12" Industrial Saddle Vent® - orange |
| SV-90 | 90° elbow - orange. Fits 8" Saddle Vent® |
| SV-UM | Universal Saddle Vent® mounting bracket - steel |

Standard Ducting

| Model No. | Description |
|-----------|-------------------------------|
| SVH-3 | 8" Diameter, 3 foot - yellow |
| SVH-6 | 8" Diameter, 6 foot - yellow |
| SVH-15 | 8" Diameter, 15 foot - yellow |
| SVH-25 | 8" Diameter, 25 foot - yellow |



Standard Ducting



SV-90

For Non-Hazardous Locations

The 8" Conductive Saddle Vent®

Approved for use in Hazardous Environments Saddle Vent® Safety Improvements

The original Saddle Vent® was constructed of standard polyethylene which carries the potential of static electricity build-up on its surface. Static electricity is a source of ignition for fire and explosions. Air Systems developed and patented an improved Saddle Vent® System to safely remove potential static electricity charges from the ventilation system. The conductive Saddle Vent® System is unique in the fact that it can be field tested for conductivity to ensure static charges are being safely removed from the longest piece of duct to the electric ground on the explosion-proof fan or blower.



The fully conductive Saddle Vent® removes static electricity from the entire ventilation system when installed properly.

The Conductive Saddle Vent® System is supplied with all of our explosion-proof & pneumatic ventilation kits or it can be purchased separately to upgrade your current ventilation procedures.

The Conductive Saddle Vent®

| Model No. | Description |
|------------|--|
| SV-189CND | The 8" Conductive Saddle Vent® - black |
| SV-18912-B | The 12" Conductive Saddle Vent® - black |
| SV-90CND | Conductive 90° elbow - black. Fits 8" Saddle Vent® |
| SV-UM | Universal Saddle Vent® mounting bracket - steel |

For work in hazardous locations, read and follow recommended work procedures found in ANSI/API 2015 and 2016 prior to entering a tank or confined space.

Conductive Saddle Vent®

Model: 8"
Length: 43.5"
Width: 14.5"
Depth: 3.5"
Top O.D.: 8"
Bottom O.D.: 8"

- Flow Loss: Less than 1%
- Construction: Polyethylene
- Temperature Rating:
 - +220°F Melt Temp.
 - 158°F Brittleness Temp.

Saddle Vent® is the Registered Trademark of Air Systems International



SV-189CND



For Use In Hazardous Locations



Saddle Vent® patent information:
www.airsystems.com

For Hazardous Locations

Conductive Ducting

| Model No. | Description |
|------------|------------------------------|
| SVH-CND86 | 8" Diameter, 6 foot - black |
| SVH-CND815 | 8" Diameter, 15 foot - black |
| SVH-CND825 | 8" Diameter, 25 foot - black |

Ground wires are attached to each end of wire helix of the duct



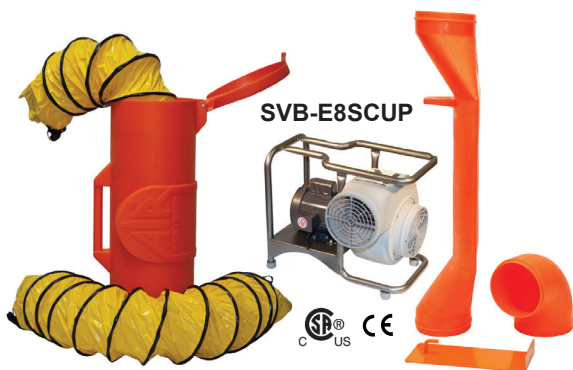
8" Saddle Vent® Ventilation Kits

Certified For Non-Hazardous Locations



8" Economy Centrifugal Blower Kit

| Model No. | Description |
|-----------|---|
| SVB-E8CUP | SVB-E8EC blower (1/2 HP) Industrial Saddle Vent®, 90° elbow, 15 foot & 6 foot duct, duct canister & universal mount |
| SV-CUP | Industrial kit only: Industrial Saddle Vent® and elbow, 6 and 15 foot duct, duct canister, and universal mount |



8" Standard Centrifugal Blower Kit

| Model No. | Description |
|------------|--|
| SVB-E8SCUP | SVB-E8 blower (3/4 HP), Industrial Saddle Vent®, 90° elbow, 15 foot duct, 6 foot duct, duct canister & universal mount |



8" 2-Speed Centrifugal Blower Kit

| Model No. | Description |
|------------|---|
| SVB-E82CUP | SVB-E8-2 blower w/high/low speed (3/4 HP) Industrial Saddle Vent®, 90° elbow, 15 & 6 foot duct, duct canister & universal mount |



8" Gasoline Blower Kits

| Model No. | Description |
|------------|--|
| SVB-G8CUP | SVB-G8 blower (4 HP), Industrial Saddle Vent®, 90° elbow, 15 foot duct, 6 foot duct, duct canister & universal mount |
| SVB-G8HCUP | SVB-G8-H blower, Industrial Saddle Vent®, 90° elbow, 15 foot duct, 6 foot duct, duct canister & universal mount |



8" Steel Axial Fan Kits

| Model No. | Description |
|-----------|--|
| SVF-8ACUP | SVF-8AC fan (1/3 HP), Industrial Saddle Vent®, 90° elbow, 15 foot duct, 6 foot duct, duct canister & universal mount |
| SVF-8DCUP | SVF-8DC fan (12 VDC), Industrial Saddle Vent®, 90° elbow, 15 foot duct, 6 foot duct, duct canister & universal mount |

10" In-Line Steel Axial Fan Kit

Non-Hazardous Locations

| Model No. | Description |
|------------|--|
| SVF-10ECUP | SVF-10E fan (1/3 HP), Industrial Saddle Vent®, 6 & 15 foot duct (8"), canister, 90° elbow, and universal mount |

8" Axial Saddle Vent® Ventilation Kits

| Model No. | Description |
|------------|---|
| CVF8A15KIT | CVF-8AC axial fan (1/3 HP), 6 foot duct with canister, 15 foot duct, Saddle Vent®, 90° elbow, and universal mount |
| CVF8A25KIT | CVF-8AC axial fan (1/3 HP), foot duct with canister, 25 foot duct, Saddle Vent®, 90° elbow, and universal mount |
| CVF8D15KIT | CVF-8DC axial fan (12 VDC), 6 foot duct with canister, 15 foot duct, Saddle Vent®, 90° elbow, and universal mount |
| CVF8D25KIT | CVF-8DC axial fan (12 VDC), 6 foot duct with canister, 25 foot duct, Saddle Vent®, 90° elbow, and universal mount |

International Fans with 230 VAC, 50 Hz available.
Contact Customer Service for details

8" Conductive Saddle Vent® Ventilation Kits Certified For Hazardous Locations



8" Explosion-Proof Centrifugal Blower Kit

| Model No. | Description |
|------------|---|
| SVB-E8XCUP | SVB-E8EXP blower (3/4 HP), Conductive Saddle Vent® and elbow, 6 and 15 foot conductive duct, duct canister, and universal mount |

Plug Not Included - See Master Catalog for ordering information

8" Conductive Kit Only

| Model No. | Description |
|-----------|--|
| SV-CUPCND | Conductive Saddle Vent® and elbow, 6 and 15 foot conductive duct, duct canister, and universal mount |

The Conductive Saddle Vent® is covered by US and Foreign patents.



8" Pneumatic Centrifugal Blower Kit

| Model No. | Description |
|-----------|--|
| SVB-A8CUP | SVB-A8 blower (4 HP), Conductive Saddle Vent® and elbow, 6 and 15 foot conductive duct, duct canister, and universal mount |

Intrinsically Safe Operation

For Hazardous Locations



10" In-Line Explosion-Proof Axial Fan Kit

| Model No. | Description |
|------------|--|
| SVF10EXCUP | SVF-10EXP fan (1/3 HP), Conductive Saddle Vent®, 6 & 15 foot conductive duct (8"), canister, conductive 90° elbow, and universal mount |

Plug Not Included - See Master Catalog for ordering information



8" Conductive Saddle Vent® Ventilation Kits

| Model No. | Description |
|------------|---|
| CVFEX15KIT | CVF-8EXP fan (1/3 HP), Conductive Saddle Vent®, 6 & 15 foot conductive duct, conductive canister, conductive 90° elbow, and universal mount |
| CVFEX25KIT | CVF-8EXP fan (1/3 HP), Conductive Saddle Vent®, 6 & 25 foot conductive duct, conductive canister, conductive 90° elbow, and universal mount |

Plug Not Included - See Master Catalog for ordering information

ATEX Certified Fans with 220/230 VAC, 50 Hz available. Contact Customer Service for Details

12" Saddle Vent®

Certified For Non-Hazardous Locations



CVF12CAN15



SV-UM



SV-18912

The 12" Industrial Saddle Vent®

- Length: 51"
- Width: 21"
- Depth: 5.5"
- Top Opening: 12" O.D.
- Bottom Opening: 12" O.D.
- Flow Loss: Less than 1%
- Construction: Polyethylene
- Temperature Rating:
 - +250°F Melt Temp.
 - 158°F Brittleness Temp.
- Weight: 11 lbs.



The Saddle Vent® allows unrestricted entry and exit and improves ambient light in a confined space opening

The 12" Industrial Saddle Vent®

| Model No. | Description |
|------------|---|
| SV-18912-O | 12" Industrial Saddle Vent® - orange |
| SV-UM | Universal Saddle Vent® mounting bracket |

See Master Catalog for Full Confined Space Ventilation Product Line

12" Axial Canister Fans

| Model No. | Description |
|--|---|
| CVF12CAN15 | CVF-12AC fan (1 HP), 15 foot duct with canister |
| CVF12CAN25 | CVF-12AC fan (1 HP), 25 foot duct with canister |
| Canister Only - Fits 12" CVF Fans | |
| CVFCAN1215 | 12" Duct & canister, 15 foot duct |
| CVFCAN1225 | 12" Duct & canister, 25 foot duct |

International Fans with 230 VAC, 50 Hz available. Contact Customer Service for details

12" Standard Ducting

| Model No. | Description |
|-----------|--------------------------------|
| SVH-1215 | 12" Diameter, 15 foot - yellow |
| SVH-1225 | 12" Diameter, 25 foot - yellow |



Ducting For Non-Hazardous Locations

12" Conductive Saddle Vent® Certified For Hazardous Locations



CVF12EXP15



The 12" Conductive Saddle Vent®

Length: 51"
Width: 21"
Depth: 5.5"
Top Opening: 12" O.D.
Bottom Opening: 12" O.D.
Flow Loss: Less than 1%
Construction: Conductive Anti-Static Polyethylene
Temperature Rating:
 +250°F Melt Temp.
 -158°F Brittleness Temp.
Weight: 11 lbs.

SV-18912-B



See Master Catalog for
Full Confined Space
Ventilation Product Line

The 12" Conductive Saddle Vent®

| Model No. | Description |
|------------|---|
| SV-18912-B | The 12" Conductive Saddle Vent® - black |
| SV-UM | Universal Saddle Vent® mounting bracket - steel |

For Hazardous Locations



SV-UM

12" Explosion-Proof Axial Canister Fans and Canisters

| Model No. | Description |
|--|---|
| CVF12EXP15 | CVF-12EXP fan (1 HP), 15 foot conductive duct, conductive canister, no plug |
| CVF12EXP25 | CVF-12EXP fan (1 HP), 25 foot conductive duct, conductive canister, no plug |
| Conductive Duct Canister Only - Fits 12" CVF Fans | |
| CVCAN1215C | Conductive duct canister with 15 foot conductive duct |
| CVCAN1225C | Conductive duct canister with 25 foot conductive duct |

Plug Not Included - See Master Catalog for ordering information

12" Conductive Ducting

| Model No. | Description |
|------------|---|
| SVHCND1215 | 12" Diameter conductive duct, 15 foot - black |
| SVHCND1225 | 12" Diameter conductive duct, 25 foot - black |

12" Conductive Ducting With Ground Wires
Attached to Each End of Wire Helix

ATEX Certified Fans with
220/230 VAC, 50 Hz
available. Contact
Customer Service for Details



Ground Wire

**Conductive Ducting
For Hazardous
Locations**

The Saddle Vent® for Special Applications

The Tank Saddle Vent®

The Tank Saddle Vent® is designed to provide fresh air ventilation to any ship space. The unique shape allows its use in entry ports while not obstructing entry or egress to the ladder. Its unique design fits 18" X 20" oval openings and 20" or smaller round openings. The Tank Saddle Vent® is grey polyethylene with fire retardant additives. **DOD approved for US Navy use.**



**Custom industrial sizes available.
Contact Customer Service for more information**

The Tank Saddle Vent®

| Model No. | Description |
|-----------|--|
| SV-189T | 8" Tank Saddle Vent® - grey |
| SV-90T | 90° elbow to fit 8" Tank Saddle Vent® - grey |

Designed to fit 18"W x 20"L oval shipboard hatch openings.

The Saddlator™

Pneumatic Powered Saddle Vent® Blower

The Saddlator™ provides positive or negative pressure ventilation for confined space entry operations in large work areas or tanks and is ideal for hazardous environments.

Specifications

- Conductive 8" Saddle Vent® with Venturi blower installed
- 90° bolt-on conductive elbow, supplied
- Air operated with no moving parts
- 1/2" Industrial Interchange plug
- Static ground lug installed
- Delivers 2000 - 3000 cfm with pressures from 50 - 100 psi

The Saddlator™

| Model No. | Description |
|------------|--|
| SV189-29 | Saddlator™, positive pressure flow |
| SV189-29-N | Saddlator™, negative pressure flow |
| SV90-29 | 90° bolt-on elbow to fit Saddlator™ |
| SV189T-29 | Tank Saddlator™, with elbow, positive pressure flow |
| H-50-5 | 1/2" compressor connect hose w/O/D fitting – 50 foot |
| H-50-12 | 3/4" compressor connect hose w/O/D fitting – 50 foot |

SV189-29
Positive Pressure

SV189-29-N
Negative Pressure

