Hazardous Location Catalog

AIR SYSTEMS INTERNATIONAL

Innovative Safety Products

Breathing Air Filtration

Breathing Air Compressors

Breathing Air Carts

Confined Space Ventilation

HEPA Vacuums

www.airsystems.com

Intrinsically Safe Breather Box®

High Performance Portable Grade-D Breathing Air Filtration System

The Breather Box® portable air filtration system is designed to filter incoming air from a compressor to provide respirator users Grade-D quality air while monitoring for CO and/or O_2.

Filtration efficiency is 99.99% @ 0.01 micron.

Specifications
- **Intrinsically Safe**
- **Filter Change Indicators on All Filters**
- **Incoming Air Plug ½" Industrial Interchange**
- **2 Automatic Drains with Discharge Tubes**
- **Carbon Monoxide (CO) Monitor Standard**
- **Remote Alarm Receptacle**
- **External Warning Lights and Alarm**
- **Safety Relief Valve**
- **Visual Air Flowmeter to Monitor**
- **CO/O_2 Monitor Available for Additional Charge**

Custom Designed Breather Box® Options
- Clear View Windows
- Independent Regulators
- Fully Automated Reserve Air System
- Low Pressure Alarms
- Large Portable Systems up to 175 cfm

Contact Customer Service for Details

MADE in the USA

2 YEAR WARRANTY ON CO SENSOR & MONITOR

For Use In Hazardous Locations

BB50-COIS

Portable Grade-D Air Filtration with Intrinsically Safe (IS) CO Monitor

Item No.	Description
BB15-COIS	15 cfm Breather Box®, Intrinsically Safe, 48 cfm flow capacity,1 coupling
BB30-COIS	30 cfm Breather Box®, Intrinsically Safe, 48 cfm flow capacity, 3 couplings
BB50-COIS	50 cfm Breather Box®, Intrinsically Safe, 79 cfm flow capacity, 4 couplings
BB100-COIS	100 cfm Breather Box®, Intrinsically Safe, 123 cfm flow capacity, 4 couplings

CSA® Approved for Class I, Division 1, Groups C and D environments (9 VDC operation only)

Please specify 1/4" Hansen style or Schrader style fittings when ordering. Other fittings available for an additional charge. See Master Catalog for Individual Replacement Filters.
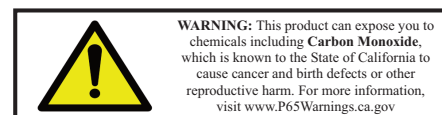
Calibration Kits & Replacement Filters May Be Found on Pages 21-22 of Our Master Catalog

CO Monitor Calibration Kit - Small Cylinders

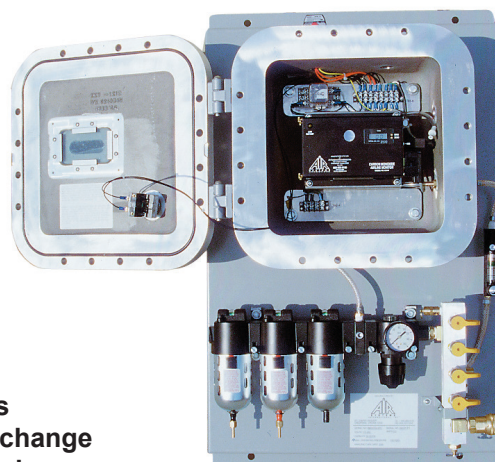| Item No.	Description
BBK-20	CO monitor calibration kit - 20 ppm CO, zero air, regulator, tubing, and hard case. 17 liter size disposable cylinders
BBK-10	CO monitor calibration kit - 10 ppm CO, zero air, regulator, tubing, and hard case. 17 liter size disposable cylinders. For Canadian CO monitor settings.

VIDEO ONLINE

Breather Box® with 4 Independent Regulators BB50-CO4R

Breathing Air Panels
for Permanent Mounting Applications

Panel Mounted air filtration systems are designed to filter incoming air from a compressor to provide respirator users Grade-D quality air while monitoring for CO and/or O_2.

Filtration efficiency is 99.99% @ 0.01 micron.

BB100-COPM

Specifications
• Filter Change Indicators on All Filters
• Incoming Air Plug ½" Industrial Interchange
• 2 Automatic Drains with Discharge Tubes
• Carbon Monoxide (CO) Monitor Standard
• Powered by two (2) 9-Volt batteries
• External Warning Lights and Alarm
• Safety Relief Valve
• Visual Air Flowmeter to Monitor
• AC Remote Alarm Connection
• Manifold Drain Valve
• High Intensity Audible Alarm, 120 dBA
• Steel Wall Panel, Powder Coat White

Custom Panels Available Including Explosion-Proof Enclosures

Panel Mounted Grade-D Air Filtration with Intrinsically Safe CO Monitor

Item No.	Description
BB15COPMIS	15 cfm Grade-D breathing air panel, 48 cfm flow capacity, 1 coupling
BB30COPMIS	30 cfm Grade-D breathing air panel, 48 cfm flow capacity, 2 couplings
BB50COPMIS	50 cfm Grade-D breathing air panel, 79 cfm flow capacity, 4 couplings
B100COPMIS	100 cfm Grade-D breathing air panel, 123 cfm flow capacity, 4 couplings

2 YEAR WARRANTY ON CO SENSOR & MONITOR

For Use In Hazardous Locations

CSA Approved for Class I, Division 1, Groups C and D environments (9 VDC operation only)

Calibration Kits & Replacement Filters May Be Found on Pages 21-22 of Our Master Catalog

CO-91PMIS

Panel Mounted CO Monitor
for Fixed Systems Continuous Sampling of CO and/or O_2 Levels

The carbon monoxide (CO) airline monitor panel can be ordered to retrofit any existing Grade-D breathing air system and also availabe with CO / O_2 sensors. **Grade-D air filtration is required to operate the monitor.**

For monitor specifications, please consult page 4 in our Master Catalog

Panel Mounted Airline Monitors for Grade-D Air Filtration

Item No.	Description
CO-91PMIS	Panel mounted intrinsically safe CO monitor, 9 VDC only, approved for Class I, Division 1, Groups C and D environments, audible alarm, visual lights, flow meter, quick connect calibration fitting, LCD display, CSA certified

CSA Approved for Class I, Division 1, Groups C and D environments.
9 VDC operation only.

Portable CO/O$_2$ Monitoring

Our portable airline monitor connects easily to a breathing air filtration source or ambient air pumps and monitors the air for CO or CO/O$_2$ levels. The audible alarm (95 dBA) and light will activate when the CO level exceeds 10 ppm (5 ppm Canadian). External alarm and lights allow for the unit to be used in the closed position and eliminates damage and contamination of the internal components.

Specifications
- **Includes ¼" industrial interchange coupling supplied on 5' hose**
- **Use in the closed position**
- **Standard alarm jack allows for connection to remote alarm devices**
- **High intensity alarm available for an additional charge**
- **Operates on 9-volt batteries, 8-16 VDC, and/or 115 VAC**

Applications
- Portable Filter Pots
- Filtration Systems
- Ambient Air Pumps
- Equipment Rentals
- Retro-Fit Old Style Compressors

CO91-14IS

Portable CO Monitors - Intrinsically Safe

Item No.	Description
CO91-14IS	Portable Intrinsically Safe CO monitor, 9 VDC only, audible alarm, visual lights, flow meter, connect hose, LCD display
CO291-14IS	Portable Intrinsically Safe CO/O$_2$ monitor, 9 VDC only, audible alarm, visual lights, flow meter, connect hose, LCD display

Approved for Class I, Division 1, Groups C and D environments. 9 VDC operation only.

For Use In Hazardous Locations

Remote Air Manifolds
Point of Attachments (POA)

A remote air manifold is often called a Point-of-Attachment (POA). All of our remote air manifolds meet NIOSH requirements of the 87-116 (1989) document for point-of-attachment.

Specifications
- **Incoming Air Plug ½" Industrial Interchange**
- **User Specified Respirator Couplings with Dust Caps**
- **Solid Aluminum Manifold**
- **Adjustable Regulator**
- **Safety Relief Valve**
- **Pressure Gauge**

POA-4

Contact Customer Service to order custom POA's

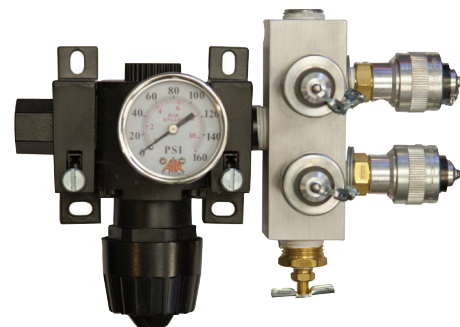## Portable Point of Attachments (POA's)

Item No.	Description
POA-2	Standard POA Box - 2 couplings
POA-4	Standard POA Box - 4 couplings
POA-4R	POA Box with 4 independent regulators & couplings
POA-4F	POA Box with final particulate filter & 4 couplings
POA-5RF	POA Box with final particulate filter and 5 independent regulators

Wall Mounted Point of Attachments (POA's)

Item No.	Description
POA-1WM	Wall mounted POA manifold - 1 coupling
POA-2WM	Wall mounted POA manifold - 2 couplings
POA-4WM	Wall mounted POA manifold - 4 couplings
POA-4FWM	Wall mounted POA manifold with final particulate filter & 4 couplings

Wall Mounted Point of Attachment POA-4WM

Please specify 1/4" Hansen style or Schrader style fittings when ordering. Other fittings available for an additional charge.

The Auto-Air™ Breather Box®
Fully Automatic Reserve Air System for Work in IDLH Environments

What Is an Auto-Air™ System?

If an Immediate Danger to Life or Health (IDLH) work environment exists, the Auto-Air™ Breather Box® option should be considered. The Auto-Air™ filtration system was developed to provide Grade-D breathing air with full automatic reserve air in the event of either electrical failure or reduced pressure from the main air source while working in hazardous environments.

Reserve air activation occurs at 60 psi and/or loss of electrical supply, the system automatically switches to the reserve air cylinder(s). Local and optional remote alarms signal the workers that the primary air system has failed and has switched to the back-up air system. This Auto-Air™ feature is offered in pneumatic versions for hazardous locations.

Always size the reserve air systems to allow an adequate safety factor for all workers to egress the environment.

For Use In Hazardous Locations

Pneumatic Auto-Air™ Breather Box®
BB50-COAAP - Intrinsically Safe

Auto-Air™ Breather Box® - with Intrinsically Safe (IS) CO Monitor Pneumatic Reserve Air System

Item No.	Description
BB30-COAAP	30 cfm Intrinsically Safe Auto-Air™ Breather Box®, 48 cfm flow capacity, 2 or 3 couplings
BB50-COAAP	50 cfm Intrinsically Safe Auto-Air™ Breather Box®, 79 cfm flow capacity, 4 couplings
BB100COAAP	100 cfm Intrinsically Safe Auto-Air™ Breather Box®, 123 cfm flow capacity, 4 couplings

CSA® **Approved for Class I, Division 1, Groups C and D environments (9 VDC operation only)**

Primary Air Line

Reserve Air Line

Please specify 1/4" Hansen style or Schrader style fittings when ordering.

Calibration Kits & Replacement Filters May Be Found on Pages 21-22 of Our Master Catalog

NIOSH requires the use of a 5 minute airline escape respirator when working in IDLH environments.

Our Auto-Air™ feature does not replace the NIOSH requirement, however, some work environments may require a 30-minute (or longer) airline escape method to safely egress the hazardous area. This situation would require the use of an Auto-Air™ Breather Box® or Auto-Air™ Cart.

Intrinsically Safe Auto-Air™ Cart
Complete Pneumatic Operation for Hazardous Locations

The Intrinsically Safe Auto-Air™ Cart provides a systems approach to breathing air filtration. The cart contains an Auto-Air™ Breather Box® Grade-D filtration unit, with a pneumatic reserve air system, and twin air cylinder storage. Choose a cart size based on the desired amount of reserve air needed to allow workers to safely egress the work area.

All lights and remote alarms are pneumatically operated and spark free. The intrinsically safe CO monitor is CSA approved and operates on 9-volt DC batteries only.

Carts can operate with 2400 to 5000 psi cylinders.

Applications
• Refineries
• Chemical and Pharmaceutical Manufacturing
• Refueling Applications
• Tank Cleaning
• Fuel Cell Entry
• Grain Silo Entry

All HTAA Series Standard Carts Hold Two 87 or 60 CF Air Cylinders. Large Cylinder Carts Pictured are for Long Duration Reserve Air Applications.

For Use In Hazardous Locations

BB50-HTAA Small Cylinder Auto-Air™ Cart

B10023HTAP

Auto-Air™ Cart - with Intrinsically Safe (IS) CO Monitor
Pneumatic Reserve Air System

Item No.	Description
BB30-HTAAP	30 cfm Auto-Air™ Cart, intrinsically safe CO monitor, 48 cfm flow capacity, 2 couplings
BB50-HTAAP	50 cfm Auto-Air™ Cart, intrinsically safe CO monitor, 79 cfm flow capacity, 4 couplings
BB100HTAAP	100 cfm Auto-Air™ Cart, intrinsically safe CO monitor, 123 cfm flow capacity, 4 couplings
B10023HTAP	100 cfm Auto-Air™ Cart, intrinsically safe CO monitor, 123 cfm flow capacity, 4 couplings

2 YEAR WARRANTY ON CO SENSOR & MONITOR

Approved for Class I, Division 1, Groups C and D environments (9 VDC operation only)

Please specify 1/4" Hansen style or Schrader style fittings when ordering.
Other fittings available for an additional charge - see page 92 for information.

Calibration Kits & Replacement Filters May Be Found on Pages 21-22 of Our Master Catalog

Explosion-Proof Auto-Air™ Compressor
Designed for use with Pressure Demand Respirators Only

Specifications:
- 110 psi output air pressure, 3 couplings supplied
- Explosion-proof electric motor - 230/460VAC, 3 phase
- Explosion-proof on/off switch
- 25 foot power cord, no plug, user wired per NEC requirements
- Optional explosion-proof plug available, see page 72 for information
- 3 worker operation - **PRESSURE DEMAND RESPIRATORS ONLY**
- Full automatic back-up air feature, up to 5500 psi capability
- Pneumatic visual indicator and audible alarm for system failure
- Grade-D, 3-stage filtration
- ASME coded Twin-Air™ tank design for cool breathing air output
- Intrinsically safe carbon monoxide monitor, CSA approved for 9VDC operation in Class 1, Div. 1, Groups C and D Environments
- Holds one back-up SCBA air cylinder, up to 4500 psi
- Air control panel with high pressure regulator
- 10" pneumatic tires
- Weight: 185 lbs.

2 YEAR WARRANTY ON CO SENSOR & MONITOR

TA3-AXAF

Explosion-Proof Auto-Air™ Compressor

Item No.	Description
TA3-AXAF	Explosion-proof compressor includes: Grade-D filtration, air control panel with CO monitor, 25' power cord, user wired per NEC requirements 1-3 workers. Reserve air cylinders sold separately.
BB30-FK	Replacement filter kit for TA3-AXAF
	Reserve Air Cylinders
AC-60	60 cf CGA-346, 2216 psi, aluminum, DOT/TC/ISO/UN
AC-87	87 cf CGA-347, 4500 psi, fully wrapped carbon fiber, DOT/TC approved

Explosion-proof Plug sold separately - see page 64 for ordering information

Do not use with constant flow respirators or Vortex cooling tubes.

Optional Cylinders and Calibration Kits Below

Monitor Calibration Kits

CO Monitor Calibration Kit - Small Cylinders

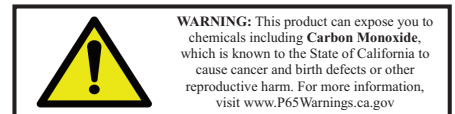| Item No.	Description
BBK-20	CO monitor calibration kit - 20 ppm CO, zero air, regulator, tubing, and hard case. 17 liter size disposable cylinders
BBK-10	CO monitor calibration kit - 10 ppm CO, zero air, regulator, tubing, and hard case. 17 liter size disposable cylinders. For Canadian CO monitor settings.

BBK-20

AC-444

AC-60   **AC-87**

Additional calibration kits, accessories, and sensors are on pages 21-22 of our Master Catalog

WARNING: This product can expose you to chemicals including **Carbon Monoxide**, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov

Breathing Air Cylinders

Air Storage Cylinders

Item No.	Description
AC-60	60 cf CGA-346, 2216 psi, aluminum, DOT/TC/ISO/UN
AC-87	87 cf CGA-347, 4500 psi, fully wrapped carbon fiber, DOT/TC approved
AC-300	300 cf CGA-346, 2400 psi, steel, DOT/TC approved
AC-444	444 cf CGA-347, 4500 psi, steel, DOT/TC/ISO/UN approved
AC-472	472 cf CGA-347, 5000 psi, steel, DOT/TC/ISO/UN approved
AC-509	509 cf CGA-702, 6000 psi, steel, DOT/TC/ISO/UN approved

Compressed Air Cylinder Testing Kits - Page 7

UNI-PAK™ SCBA Cylinder System

Marine Plastic Single Cylinder UNI-PAK™

The PAK-SFL™ is a complete single user breathing air PAK assembly designed to mount a single cylinder on a forklift while allowing the option to detach and carry as needed. The PAK-SFL™ can also be mounted on a wall for use in emergency response situations.

Cylinder Not Included

MADE in the USA

For Use In Hazardous Locations

PAK-SFL™ and optional mounting bracket

PAK-SFL AND PAK-SFLDMB

Specifications
- HDPE (Marine Board) frame
- One outlet respirator fitting - specify when ordering
- Safety relief valve, 125 PSI
- Holds one 4500 psi SCBA cylinder
- Adjustable regulator and low pressure alarm whistle
- Quick release mount bracket sold separately
- Dimensions: 34" L x 7⅖" W x 4½" H
- Weight: 7 lbs. without cylinder

Marine Board Single Cylinder UNI-PAK™

Item No.	Description
PAK-SFL	PAK-SFL™ single cylinder PAK, 4500 psi rated, 1 outlet, adjustable regulator, low pressure alarm whistle
PAK-SFLDMB	PAK-SFL™ mounting bracket

PAK-SFL™ & bracket mounted on forklift

Cylinder sold separately - see page 6

Compressed Air Cylinder Test Kit

The AQTCOO2KIT Cylinder Test Kit was designed to rapidly test rented blended cylinder's breathing air quality. Before use, obtain an immediate and accurate Oxygen (O_2) and Carbon Monoxide (CO) reading for blended high-pressure cylinder air. The meter requires two 9-volt batteries for operation and is supplied with a 10 foot high pressure hose and a 5000 psi regulator with a universal CGA-347 hand tight cylinder connection.

CO/O_2 Cylinder Test Kit

Item No.	Description
AQTCOO2KIT	Test Kit - CO/O_2 Intrinsically Safe monitor (CSA C/US Certified), 9 VDC, flow meter, high pressure 5K reducing regulator, 10 foot high pressure connect hose with CGA-347 universal hand tight cylinder connection

For calibration gas and kits, see page 6

The CO/O_2 Cylinder Test Kit has all the components to test blended breathing air cylinders.

See our Master Catalog for additional Air Quality Test Kits

AQTCOO2KIT

PORTA-PAK™ Twin Cylinder PAKs

PAK-3

PORTA-PAK™
Twin Cylinder PAK

PAK-4R™
Rescue Cart With
Removable Air Cylinder Tray

PAK-4R

PORTA-PAK™ Key Details:
• High pressure 4500 psi regulator
• Accepts 2216 psi or 4500 psi cylinders
• CGA-347 connections, universal hand tight nuts
• Low pressure alarm whistle
• In-line check valves allows independent cylinder operation
• Aluminum frame - powder coated with padded carry handles
• 4-outlet breathing air manifold with 125 psi safety relief valve

PAK-4R™ Cart Additional Details:
• Additional outlet fitting
• Secondary low pressure regulator w/relief valve
• Rear hose storage rack
• Telescoping 2 position aluminum handle
• Removable aluminum air cylinder tray

PAK-4 RESCUE

PORTA-PAK™ - Twin Cylinder

Item No.	Description
PAK-3	PORTA-PAK™ tray assembly, no cylinders
PAK-WM	PORTA-PAK™ wall mount brackets, 2 each

**Cylinders Not Included.
See Page 6.**

**For Use In
Hazardous
Locations**

PORTA-PAK™ Rescue Tray & Accessories

Item No.	Description
PAK-4	PORTA-PAK™ Rescue tray assembly includes 3-way cylinder directional valve, secondary low pressure regulator, gauge, and additional outlet fitting. **No cart, cover or cylinders.**
PAK-4R	PORTA-PAK™ Rescue Cart includes 3-way cylinder directional valve, secondary low pressure regulator, gauge, additional outlet fitting, cart with 8" wheels, rear hose storage rack. **No cover or cylinders.**
PAK-CRT	PORTA-PAK™ cart only, 8" wheels, rear hose storage rack

MULTI-PAK™ Large Cylinder Air Carts

**Large Cylinder Air Carts Available with
Cylinder Pressures 2400 PSI to 5000 PSI**

The MULTI-PAK™ series of large air cylinder carts are designed for long duration industrial applications. The entire line of carts are built for easy mobility and function.

Specifications
• Solid aluminum block manifold
• In-line check valves
• High flow adjustable regulator
• Input and output pressure gauges
• Storage box with latch
• Universal hand tight nuts (CGA-347) - fits 2400 to 5000 psi cylinders
• Quick release hose rack - holds 200 feet of ⅜" hose
• 16" pneumatic tires
• Dimensions: 62" H x 25" W x 30" D with cylinders

**Front view with hose
storage rack - holds
200 feet of 3/8″ hose**

**Cylinders
Not Included**

Rear Storage Box

MP-2300ENB

**For Use In
Hazardous
Locations**

MULTI-PAK™ Large Air Cylinder Carts

Item No.	Description
MP-2300ENB	MULTI-PAK™ 2 cylinder air cart, 5000 psi, **pneumatic alarm whistle** (bell alarm available) for Hazardous Locations. 112 lbs. with no cylinders.
MP-2300HNB	MULTI-PAK™ 2 cylinder air cart, 5000 psi, **electronic alarm whistle** for Non-Hazardous Locations. 115 lbs. with no cylinders.
MP-2300C	Black nylon cart cover for 2300 series carts

Cylinders sold separately - see page 6

MULTI-PAK™ Air Cylinder Carts

The MULTI-PAK™ series of SCBA Cylinder carts are designed with portability in mind. Choose the pressure range and number of fittings required to fit the application.
Ideal for hazardous locations and emergency response.

Key Details:
• Universal hand tight nuts CGA-346/347
• Holds 2216 PSI or 4500 PSI cylinders
• Steel frame with black powder coat paint
• Intrinsically safe low pressure alarm whistle (bell alarm optional)
• Input and output pressure gauges
• Solid aluminum block manifold
• Fold down handle
• 8" semi-pneumatic tires
• Dimensions: 21" L x 16" W x 41" H (handle up), 34.5" (handle down)
• Weight: 49 lbs. (no cylinders)

MP-4H

For Use In Hazardous Locations

MP-4R

MULTI-PAK™ Rescue Cart

Specifications
• High pressure auxiliary CGA-347 inlet for continuous operation from an external air supply, e.g. truck air
• Secondary low pressure regulator to operate pneumatic tools and lift bags
• Cylinder selector valve for independent cylinder operation
• Fold down handle

MP-C

MULTI-PAK™ Small Air Cylinder Carts

Item No.	Description
MP-2L	MULTI-PAK™ 2 cylinder air cart, 2216 psi, supplied with 2 outlet manifold, CGA-346 **wrench tight nuts**
MP-2H	MULTI-PAK™ 2 cylinder air cart, 4500 psi, supplied with 2 outlet manifold, CGA-346/347 **hand tight nuts**
MP-4H	MULTI-PAK™ 2 cylinder air cart, 4500 psi, supplied with 4 outlet manifold, high flow regulator, universal CGA fits CGA-346 or 347, **hand tight nuts**
MP-4R	MULTI-PAK™ Rescue Cart, holds 2 cylinders, 4500 psi, supplied with 4 outlet manifold. Additional details on page 53.
MP-TR1	Tech-Rescue™ Cart, ¼" Hansen style or Schrader style fittings standard. Additional details on page 52.
MP-C	Cart cover - 400 denier black nylon for small MP-series carts

Cylinders sold separately - see page 6

Note: Carts available for 5500 PSI SCBA's
Contact Customer Service

Ergo-Air® Cart System

Air Systems' innovative air cylinder cart has been ergonomically designed to help prevent back injuries and facilitate mobility. The Ergo-Air® Cart features one-hand operation during raising or lowering of the air control panel and cylinders.

The Ergo-Air® Cart offers numerous options: tire type, storage cabinet, hose reel type, and length of hose to store. Let us customize an Ergo-Air® Cart for your work requirements.

Key Details:
- Air pressure regulator rated for 2400, 5000, and 6000 psi
- Steel air control panel with 4 outlet respirator manifold
- 16" semi-pneumatic or pneumatic rear tires
- Front locking swivel casters (6" or 8")
- High pressure hardware with in-line check valves
- Twin cylinder straps with padded brackets
- Cart lifting hooks
- Raising the cart takes 15 lbs. of force
- Lowering the cart takes only 35 lbs. of force
- Cart dimensions: 32" W x 41" D x 62" H - semi-pneumatic tires
- Cart dimensions: 40" W x 44" D x 62" H - pneumatic tires
- Weight: 156 Lbs. - cart only

Available with twin auto hose reels and 16" pneumatic tires

Ergo-Air® Cart
EAC-97PS2A
Pneumatic tires, upper storage cabinet, and two automatic reels.

Helps Reduce Back Injuries
Ergonomically Designed Mobile Breathing Air Cart System

Ordering Made Easy: One part number to order a standard Ergo-Air® Cart.

Basic Ergo-Air® Cart
Semi-Pneumatic Tires
EAC-97HNB

Ergo-Air® Carts - Hazardous Locations

Item No.	Description
	Pneumatic Tires, 5000 psi Regulator, & Low Pressure Whistle
EAC-97PHNB	Ergo-Air® cart, 5000 psi regulator, low pressure whistle, pneumatic tires
EAC-97PS2A	Ergo-Air® cart, upper storage box, 2 auto hose reels - holds 50 feet of ⅜" hose per reel
EAC-97PS3M	Ergo-Air® cart, upper storage box, 1 manual hose reel - holds 200 feet of ½" or 300 foot of ⅜" hose
EAC-97PSM2	Ergo-Air® cart, upper storage box, 2 manual hose reels - holds 100 feet of ⅜" hose per reel
	Semi-Pneumatic Tires, 5000 psi Regulator, & Low Pressure Whistle
EAC-97HNB	Ergo-Air® cart, 5000 psi regulator, low pressure whistle, semi-pneumatic tires
EAC-97SBA2	Ergo-Air® cart, upper storage box, 2 auto hose reels - holds 50 feet of ⅜" hose per reel
EAC-97SBM3	Ergo-Air® cart, upper storage box, 1 manual hose reel - holds 200 feet of ½" or 300 foot of ⅜" hose
EAC-97SB2M	Ergo-Air® cart, upper storage box, 2 manual hose reels - holds 100 feet of ⅜" hose per reel
EAC-C	Nylon cart cover - fits all Ergo-Air® carts

For Use In Hazardous Locations

MADE in the USA

Hose (pages 23-24) and Cylinders (page 42) Sold Separately

For hose reel options & accessories, please see our master catalog.

Ergo-Air® is a Registered Trademark of Air Systems International, Inc.

Breathing Air Transporter™

Breathing Air Where You Need It!

Designed to support the cylinders while reducing potential injuries and improving mobility.
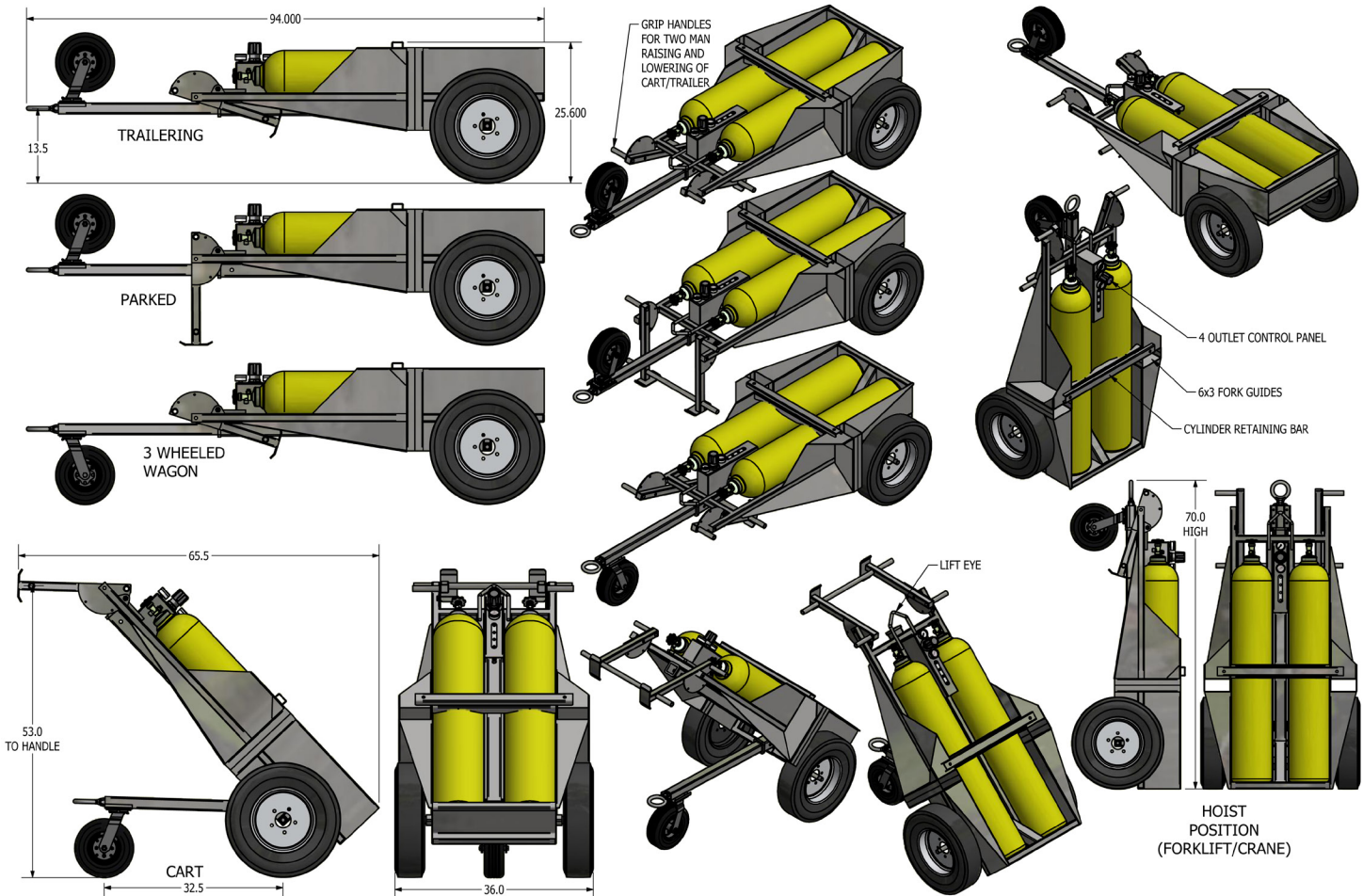

Patent Pending

Key Details:

- Steel frame with black powder coat paint
- 4 outlet manifold with regulator, relief valve, whistle alarm, and pressure gauges
- Universal CGA-346/CGA-347 wrench tight connectors allow use of 2400 psi or 4500 psi cylinders. 6000 psi connectors available.
- 45 lbs of lift required to move from horizontal to vertical position
- Lunette ring for Pintle Hitch connection
- **Pneumatic Tires:**
     21" rear tires - highway rated
     10" front swivel tire - rated for 350 lbs
- **Trailer Dimensions:** 94" L x 25" H x 36" W
- **Vertically Stored Dimensions:** 70" H
- **Weight:**
     262 lbs empty
     570 lbs with two 444 cf air cylinders

So Many Ways to Use it!

The Breathing Air Transporter™ holds two large air cylinders and contains a 4 outlet breathing air manifold. The BAT can be towed or used as a mobile push cart in several configurations. Fork lift guides and a center lift eye are included for easy transportation to where you need it.

94.000 — TRAILERING — 13.5 — 25.600

PARKED

3 WHEELED WAGON

65.5

53.0 TO HANDLE

CART — 32.5

36.0

GRIP HANDLES FOR TWO MAN RAISING AND LOWERING OF CART/TRAILER

4 OUTLET CONTROL PANEL

6x3 FORK GUIDES

CYLINDER RETAINING BAR

70.0 HIGH

LIFT EYE

HOIST POSITION (FORKLIFT/CRANE)

Breathing Air Transporter™ (BAT)
Large Air Cylinder Trailer

Item No.	Description
BAT-2B	BAT 2 cylinder air cart, 5000 psi, pneumatic alarm whistle

Cylinders sold separately - see below

Air Storage Cylinders

Item No.	Description
AC-300	300 cf CGA-346, 2400 psi, steel, DOT/TC approved
AC-444	444 cf CGA-347, 4500 psi, steel, DOT/TC/ISO/UN approved
AC-472	472 cf CGA-347, 5000 psi, steel, DOT/TC/ISO/UN approved

Breathing Air Transporter™ (BAT) Setup Brochure Available at www.airsystems.com

Other colors available. Contact Customer Service for more information.

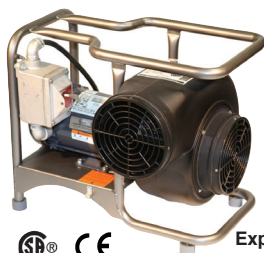# Hazardous Location Identification: Selecting Proper Equipment

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 U.S. recognized test standards, 29 CFR 1910.7."** Proper selection and training with approved hazardous location safety equipment can reduce the potential cause of 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.

Ventilation Equipment for Hazardous Locations

When a location is determined to be a hazardous location or there is the potential for a hazardous work location, it is necessary to take every precaution to guard against ignition of the hazardous atmosphere. The traditional "Combustion Triangle" is made up of three elements: 1) fuel 2) oxygen and 3) an ignition source. All three must be considered when developing a plan to ventilate hazardous or potentially hazardous environments.

Hazardous location electrical equipment, approved by a Nationally Recognized Testing Laboratory (NRTL) such as UL or CSA, is designed and constructed to eliminate the potential for ignition of the work environment.

The following is a list of equipment criteria to consider for all hazardous locations:
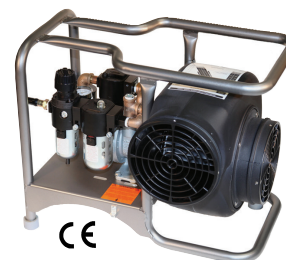
**Explosion-Proof
Electric Axial Fan
CVF-8EXP**

Explosion-Proof Electric Products - Units should have a hazard label stating Class, Group, and Division approvals listed from the approving agency, e.g. CSA or UL. Blowers should have a grounding lug to ground the unit and safely remove the build-up of static electricity to a safe grounded source. These types of electric blowers should have a metal frame and housing or a conductive plastic housing to assure a good ground to the electrical source and an aluminum non-sparking blower wheel to prevent metal sparking.

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

Intrinsically Safe Equipment - Electrical equipment should be certified as intrinsically safe due to its low voltage properties. Pneumatic or air driven equipment cannot cause a spark and do not require third party electrical approval because there are no electrical parts. Even with intrinsically safe equipment, proper grounding and non-sparking components should still be used at all times.

**For Use In
Hazardous
Locations**

**Pneumatic Blower
SVB-A8**

**Conductive Duct
SVH-CND815**

Conductive Ducting - Choose ventilation duct that has fabric made of conductive material. This type of duct will reduce the potential build-up of static electricity on both the interior and exterior surfaces of the duct that can result from the movement of air and small dust particles during ventilation. Air Systems adds a grounding wire to the conductive duct's interior wire helix; it attaches to the blower so that any static charges can be removed to either the blower's ground lug or to Air Systems' Conductive Saddle Vent® Ventilation System.

For a detailed review on controlling static electricity in hazardous ventilation locations and confined space ventilation safety tips, please visit **www.airsystems.com** and read the
<u>**Controlling & Removing Static Electricity During Confined Space Entry Ventilation**</u> **Brochure.**

The Conductive Saddle Vent® System
Designed to Ventilate Hazardous Locations

The 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 an improved Saddle Vent® to safely remove potential static electrical charges from the ventilation system. The use of conductive polyethylene to construct the Saddle Vent®, and conductive ventilation duct, now provides the safest possible confined space ventilation procedure available.

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

Patents:
United States Patents #6,843,274
#7,467,645
#7,992,593 B2
Canadian Patents #2,561,299
#2,436,809

Conductive Saddle Vent®

Model:	8"	12"
Length:	43.5″	51"
Width:	14.5″	21"
Depth:	3.5″	5.5"
Top O.D.:	8″	12"
Bottom O.D.:	8″	12"

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

For Use In Hazardous Locations

See the Conductive Saddle Vent® System Set Up Procedure at www.airsystems.com

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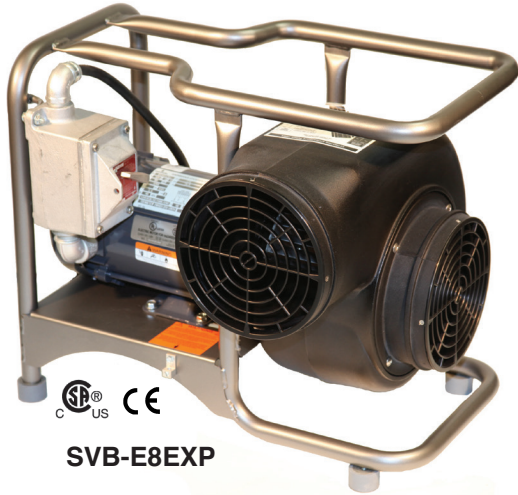
Saddle Vent® is a Registered Trademark of Air Systems International, Inc.

VIDEO ONLINE

Centrifugal Blowers
Heavy Duty, Industrial Grade, Ergonomically Designed

SVB-E8EXP

Explosion-Proof Electric Blower
• 8" intake and exhaust
• Explosion-proof switch installed and wired with 25 foot cord, no plug, user wired per NEC requirements
• Conductive polyethylene fan housing & safety guards
• Aluminum non-sparking blower wheel
• Static grounding lug installed
• Powder coated tubular steel frame, dual handles
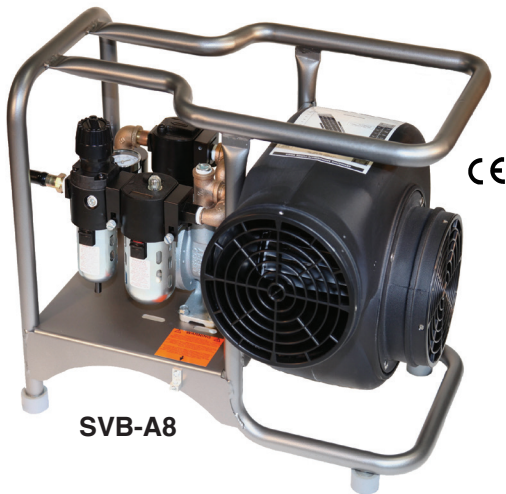• Molded conductive safety guards

Model No.	Free Air	25' 1-90° Bend	25' 2-90° Bends
SVB-E8EXP	1570 CFM	1047 CFM	873 CFM
SVB-E8X250	1308 CFM	872 CFM	729 CFM

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

SVB-A8

Pneumatic Air Powered Blower - Intrinsically Safe
• 8" intake and exhaust
• Conductive polyethylene fan housing & safety guards
• Aluminum non-sparking blower wheel
• Static grounding lug installed
• Powder coated tubular steel frame, dual handles
• Ultra-quiet operation – under 80 dBA
• Adjustable flow output regulator
• In-line moisture separator/lubricator provided as standard
• Unique noise muffler and oil coalescing filter to prevent oil discharge

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

8" Centrifugal Blowers for Hazardous Locations

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

Explosion-proof plug sold separately (page 20)

For Use In Hazardous Locations

VIDEO ONLINE

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

Conductive Saddle Vent® Ventilation Kits
for Hazardous Locations

8" Conductive Saddle Vent® Kit SVB-E8XCUP

8" Intrinsically Safe Saddle Vent® Kit SVB-A8CUP

8" Saddle Vent® Kits - Hazardous Locations

Item No.	Description
SVB-E8XCUP	SVB-E8EXP explosion-proof electric blower and SV-CUPCND Conductive Kit, **no plug.**
SVB-A8CUP	SVB-A8 Intrinsically Safe pneumatic blower and SV-CUPCND Kit
SV-CUPCND	**Conductive Ventilation Kit**: Conductive Saddle Vent®, 90° conductive elbow, 6 and 15 foot conductive duct, duct canister, and universal mount
Explosion-proof plug sold separately (page 20) +++ ++	

For Use In Hazardous Locations

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

The Saddle Vent® - Hazardous Locations

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

8" Conductive Saddle Vent® SV-189CND

12" Conductive Saddle Vent® SV-18912-B

Conductive Saddle Vent® Kit Only

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

Conductive Ducting for Hazardous Locations

Item No.	Description
SVH-CND86	8″ Diameter conductive duct, ground wires, 6 foot
SVH-CND815	8″ Diameter conductive duct, ground wires, 15 foot
SVH-CND825	8″ Diameter conductive duct, ground wires, 25 foot
SVHCND1215	12″ Diameter conductive duct, ground wires, 15 foot
SVHCND1225	12″ Diameter conductive duct, ground wires, 25 foot

Conductive Duct

Universal Mount SV-UM

**International Fans and Kits Available.
Contact Customer Service.**

8" & 12" Explosion-Proof Axial Fans

8" Explosion-Proof
Axial Fan
CVF-8EXP

12" Explosion-Proof
Axial Fan
CVF-12EXP

**For Use In
Hazardous
Locations**

Model	Model No.	Free Air	15' 1-90° Bend	15' 2-90° Bends
8" EXP Fan (60 Hz)	CVF-8EXP	987 CFM	730 CFM	648 CFM
8" EXP Fan (50 Hz)	CVF-8X220	823 CFM	655 CFM	552 CFM

Model	Model No.	Free Air	15' 1-90° Bend	15' 2-90° Bends
12" EXP Fan (60 Hz)	CVF-12EXP	2,483 CFM	1,738 CFM	1,598 CFM
12" EXP Fan (50 Hz)	CVF-12EX22	2,069 CFM	1,448 CFM	1,332 CFM

Approved for Hazardous Location Usage:
CVF-8EXP - Class I, Div I, Groups C & D; Class II, Div I, Groups E, F, & G
CVF-8X220 - ATEX and IECEx certified for II 2 G c Ex d IIB T6 Gb
CVF-12EXP - Class I, Div I, Groups C & D; Class II, Div I, Groups E, F, & G
CVF-12EX22 - ATEX certified for II 2 G Ex db h IIB T6 Gb

Applications
- Hazardous Locations
- Utility Companies
- Petrochemical Tanks
- Construction & Maintenance
- Electrical Transformers
- Tank Cleaning
- Shipbuilding / Repair

8" & 12" Explosion-Proof Axial Fans

Item No.	Description
CVF-8EXP	115 VAC, 1/3 HP, 60 Hz, 1 phase, 25 foot power cord, sealed on/off switch, CSA C/US Certified. CE Registered. 23 lbs. **No plug.**
CVF-8X220	230 VAC, 1/3 HP, 50 Hz, 7.6 meter power cord, ATEX and IECEx Certified. 23 lbs. **No plug.**
CVF-12EXP	115 VAC, 1.5 HP, 60 Hz, 1 phase, 25 foot power cord, sealed on/off switch CSA C/US Certified. CE Registered. 52 lbs. **No plug.**
CVF-12EX22	230 VAC, 1.5 HP, 50 Hz, ATEX certified, 7.6 meter power cord. 52 lbs. **No plug.**

Explosion-proof plug sold separately (page 20)

8" & 12" Conductive Saddle Vent® Kits

8" Conductive Saddle Vent® Kit CVFEX15KIT

8" Conductive Electric Saddle Vent® 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

Explosion-proof plug sold separately (page 20)

8" Explosion-Proof Axial Canister Fans

Item No.	Description
CVF6CANEX	CVF-8EXP fan, 6 foot conductive duct & conductive canister, **no plug**
CVF15CANEX	CVF-8EXP fan, 15 foot conductive duct & conductive canister, **no plug**
CVF25CANEX	CVF-8EXP fan, 25 foot conductive duct & conductive canister, **no plug**
CVF-15X220	CVF-8X220 fan, 15 foot conductive duct & conductive canister, **no plug**
CVF-25X220	CVF-8X220 fan, 25 foot conductive duct & conductive canister, **no plug**

Explosion-proof plug sold separately (page 20)

For Use In Hazardous Locations

8" Explosion-Proof Axial Canister Fan CVF15CANEX

12" Explosion-Proof Axial Canister Fan CVF12EXP15

12" Explosion-Proof Axial Canister Fans

Item No.	Description
CVF12EXP15	CVF-12EXP fan, 15 foot conductive duct, conductive canister, **no plug.**
CVF12EXP25	CVF-12EXP fan, 25 foot conductive duct, conductive canister, **no plug.**
CVF12X1522	CVF-12EX22 fan, 15 foot conductive duct, conductive canister, **no plug.**
CVF12X2522	CVF-12EX22 fan, 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

Explosion-proof plug sold separately (page 20)

8" Conductive Saddle Vent® SV-189CND

12" Conductive Saddle Vent® SV-18912-B

The Saddle Vent® - Hazardous Locations

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

Universal Mount SV-UM

See Master Catalog for Full Confined Space Ventilation Product Line

Inline Axial Fan

The 10" in-line axial fan has been designed to be used as a stand alone fan or attached in series to run long lengths of ventilation duct. Intake and exhaust flanges allow for either 8" or 10" duct to be attached to either end of the blower to achieve positive or negative ventilation. The explosion-proof fan is CSA C/US or ATEX and IECEx certified for use in hazardous locations.

Saddle Vent® Ventilation™ Technology

Hook Multiple Blowers in Series to Run Long Sections of Duct

10" In-Line Explosion-Proof Fan

• Built-in on/off switch.
• Automatic reset thermal overload
• Steel frame, powder coated red with rubber base feet
• Inlet/exhaust flange made of molded conductive polyethylene
• 25 foot power cord without plug, user wired per NEC requirements

SVF-10EXP

SVF-10X220

Dual grounding lugs to remove static electricity

Model No.	Free Air	15' 1-90° Bend	15' 2-90° Bends
SVF-10EXP	1390 CFM	870 CFM	858 CFM
SVF-10X220	1158 CFM	725 CFM	715 CFM

Approved for Hazardous Location Usage Classes 1 and 2, Groups C, D, E, F, and G
ATEX: II 2 G c Ex d IIB T6 Gb

For Use In Hazardous Locations

MADE in the USA

10" Explosion-Proof Electric Ventilation Kit SVF10EXCUP

For Use In Hazardous Locations

10" In-Line Steel Axial Fans

Item No.	Description
SVF-10EXP	10" Explosion-proof electric in-line fan, continuous duty, ⅓ HP, 115 VAC, 1-phase, 60 Hz. CSA C/US Certified. CE Registered. 38 lbs.. **no plug**
SVF-10X220	10" Explosion-proof electric in-line fan, continuous duty, ⅓ HP, 230 VAC, 50/60 Hz. 7.6 meter cord. ATEX and IECEx certified. 38 lbs., **no plug**
Explosion-proof plug sold separately (page 20)	

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

10" In-Line Explosion-Proof Fan Kit

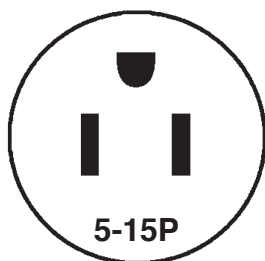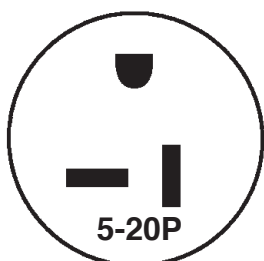| Item No.	Description
SVF10EXCUP	SVF-10EXP fan, Conductive Saddle Vent®, 6 & 15 foot conductive duct (8"), canister, conductive 90° elbow, and universal mount
Explosion-proof plug sold separately (page 20)	

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

Explosion-Proof Plugs

Conforms to NEMA configurations and can be used with hazardous or standard receptacles.
"Turn to Engage" feature locks in plug to prevent accidental disengagement.
Interchangeable with Crouse-Hinds® Ark-Gard®2 and Appleton® U-Line® plugs and receptacles.

5-15P

ELAP15231
15 AMP, 125 VAC

5-20P

ELAP20231
20 AMP, 125 VAC

Explosion-Proof Plugs - USA / Canada

Recommended for Air System Blowers and Fans: SVB-E8EXP, SVF-10EXP, CVF-8EXP, CVF-12EXP

Item No.	Description
ELAP15231	15 AMP, 125VAC, EXP plug w/quick wiring
ELAP20231	20 AMP, 125VAC, EXP Plug w/quick wiring

No Additional Charge For Installation Prior To Shipment.

For Use In Hazardous Locations

Plug Certifications for Hazardous Locations

Class I, Div. 1 & 2, Groups B®,C,D
Class I, Zones 1 & 2, Groups IIB+H_2, IIA
Class II, Div. 1 & 2, Groups F,G
Class III
NEMA 3, 7 (B,C,D), 9 (F,G)

Additional plugs available. Please see page 64 of our Master Catalog

(UL) Listed File No. E91049 and/or E53660

(SP) Certified File No. LR14667

Pneumatic Jet Fans
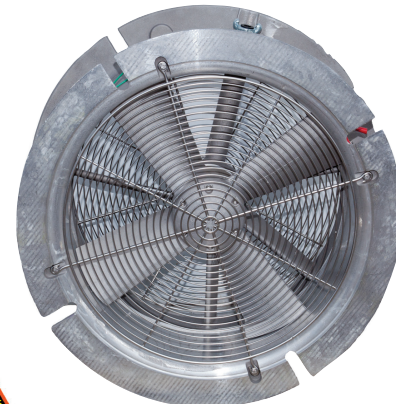## Designed for Hazardous Location Tank Ventilation

Circular Pneumatic Jet Fans

Item No.	Description
ASI-JF20	Cast Aluminum Pneumatic Jet Fan - 20" diameter
ASI-JF24	Cast Aluminum Pneumatic Jet Fan - 24" diameter

Grounding wire and Chicago fitting included.

Model No.	Fits API Diameter Inch	Max Free Air CFM	Inlet Pressure PSI	Inlet Flow Required CFM	Weight Lbs.
ASI-JF20	20	10,400	40-110	60-290	95
ASI-JF24	24	16,130	40-110	76-338	132

Pneumatic Jet Fan ASI-JF24

Pneumatic Jet Fan ASI-JF20

For Use In Hazardous Locations

Portable Pneumatic Jet Fans

Item No.	Description
ASI-JF12	Cast Aluminum Pneumatic Jet Fan - 12" diameter
ASI-JF16	Cast Aluminum Pneumatic Jet Fan - 16" diameter

Grounding wire and Chicago fitting included.

Model No.	Size Outlet	Max Free Air CFM	Inlet Pressure PSI	Inlet Flow Required CFM	Weight Lbs.
ASI-JF12	12	1680-2860	40-100	55-130	41
ASI-JF16	16	2540-4200	40-110	54-128	63

Pneumatic Jet Fan ASI-JF16

Pneumatic Jet Fan ASI-JF12

Custom Mounting Adapters Available

Venturi Blowers
Often Called "Air Horns" or "Eductors"

For Use In Hazardous Locations

ASI-4100

ASI-2900

ASI-1200

ASI-1000

Specifications

• Used to ventilate hazardous vapors or fumes safely
• Operates on compressed air or steam
• Static grounding lug supplied
• Lightweight cast aluminum base
• Galvanized steel horn (replaceable)
• Steel handle
• Use in high heat locations
• Operating pressures up to 140 psi
• Larger models available up to 8000 cfm capacity
• API standard base sizes

Venturi Blowers (Air Horns)

Item No.	Description
ASI-1000	Pneumatic Air Blower, 16.31" length
ASI-1200	Pneumatic Air Blower, 32.12" length
ASI-2900	Pneumatic Air Blower, 44.00" length
ASI-4100	Pneumatic Air Blower, 46.50" length

Note: Order air inlet fitting(s) separately.

Ideal For Exhausting Hazardous Vapors From Below Ground Locations

Venturi Blower Specifications and Performance

Model	50 PSIG Total Air Flow	70 PSIG Total Air Flow	90 PSIG Total Air Flow
ASI-1000	935 CFM	1274 CFM	1422 CFM
ASI-1200	1211 CFM	1429 CFM	1580 CFM
ASI-2900	2770 CFM	3340 CFM	3752 CFM
ASI-4100	3785 CFM	4562 CFM	5041 CFM
Model	**Air Consumed**	**Air Consumed**	**Air Consumed**
ASI-1000	38 CFM	53 CFM	64 CFM
ASI-1200	38 CFM	53 CFM	64 CFM
ASI-2900	76 CFM	99 CFM	127 CFM
ASI-4100	117 CFM	152 CFM	197 CFM

Model	Overall Length	Diameter of Base	Diameter of Horn	NPT	Bolt Circle	Base Slot	Weight
ASI-1000	16.31"	7.38"	6.19"	1/2"	6.75"	0.31"	5.3 lbs
ASI-1200	32.12"	7.38"	7.37"	1/2"	6.75"	0.31"	8.1 lbs
ASI-2900	44.00"	11.16"	13.00"	1"	10.28"	0.43"	22.1 lbs
ASI-4100	46.50"	14.31"	14.37"	1"	13.18"	0.56"	32.3 lbs

Conductive Pneumatic HEPA Vacuums
Safely Remove Potential Static Electricity Build-up

Pneumatic powered vacuums are ideal for working in wet environments or where long lengths of vacuum hose are required. Air motors require no maintenance and contain no moving parts. A built-in pressure relief valve restricts water lift to 160" to prevent tank collapse. On/off flow valve and pressure gauge are included.

2 Gallon Conductive HEPA Vacuum AV-2P-CND

For Use In Hazardous Locations

15 Gallon Conductive HEPA Vacuum AV-15P-CND

Conductive Pneumatic HEPA Vacuums

Item No.	Description
AV-2P-CND	2 gallon recovery, pneumatic motor, no wheels
AV-5P-CND	5 gallon recovery, pneumatic motor, 4 wheels
AV-15P-CND	15 gallon recovery, pneumatic motor, and cart

Includes: Stainless steel tank, pneumatic spark free vacuum motor, 10 foot conductive hose (AV-H10CND), 14" aluminum floor brush (AV-6200), 3" aluminum upholstery brush (AV-3UB), and grounding wire (GRND-15)

For Use In Hazardous Locations

Replacement Bags and Filters

Item No.	Description
AV-2B	Paper recovery bags, 2 gallon - package of 5
AV-2H	HEPA filter (99.97% UL), 2 gallon - package of 1
AV-5B	Paper recovery bags, 5 gallon - package of 5
AV-5H	HEPA filter (99.97%), 5 gallon, fits AV-5 Series - package of 1
AV-5I	Intermediate filter, fits AV-2 and AV-5 Series - package of 2
AV-5H586	HEPA filter, UL-586 certified, fits AV-5 Series - package of 1
AV-15B	Paper recovery bags, 15 gallon - package of 5
AV-15H	HEPA filter (99.97%), 15 gallon, fits AV-15 & 55 Series - package of 1
AV-15H586	HEPA filter, UL-586 certified, fits AV-15 & 55 Series - package of 1
AV-15I	Intermediate Filter, 15 gallon, fits AV-15 & 55 Series - package of 2

Accessories - 1½" Hose

Item No.	Description
AV-H10CND	Conductive vacuum hose, 1½", 10 foot, with cuffs

55 Gallon Conductive HEPA Vacuums

Item No.	Description
AV-55P	Pneumatic motor 55 gallon drum lid assembly with HEPA filter, 1½″ hose connection, hose - **Order drum and dolly separately**
AV-55P-CND	Pneumatic motor 55 gallon drum lid assembly with HEPA filter, 1½" conductive 10 foot hose, steel 55 gallon drum, drum dolly, filters, accessory tools and ground wires

55 Gallon Vacuum - Drum and Accessories

Item No.	Description
AV-55DH	55 gallon drum - Black
AV-55DD	Drum dolly with wheels and handle for 55 gallon drum
AV-105	Goose neck hose adapter for 55 gallon drum lid, fits 1½" hose

55 Gallon HEPA Vacuum AV-55P-CND

Leading The Safety Industry Since 1984

Table of Contents

Grade-D Air Filtration

Breathing Air Compressors

Air Cylinder Carts

Confined Space Ventilation

HEPA Vacuums

Air Systems International, Inc.

Contact us at (800) 866-8100 or (757) 424-3967
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Catalog Request: catalog@airsystems.com

www.airsystems.com

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CATHAZ