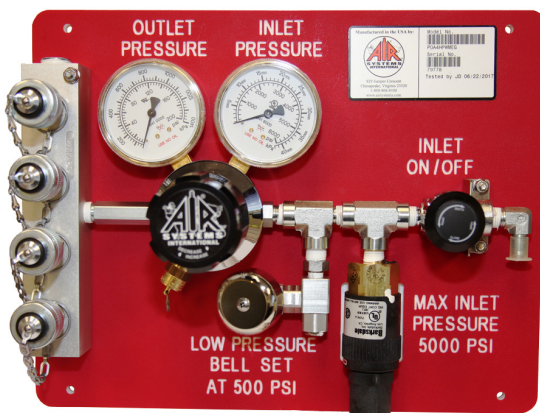




Products for the Natural Gas Industry



www.airsystems.com

The Industry Standard in Grade-D Air Filtration

Connected to a mobile or plant compressor, the Breather Box® or panel unit provides Grade-D breathing air for 1 to 8 users (based on model) and continuously monitors for Carbon Monoxide (CO). Intrinsically Safe Models are also available.



BB50-CO
50 cfm Breather Box®
79 cfm flow capacity
4 couplings

Breather Box®

Portable Grade-D Breathing Air Filtration with CO Monitor

Item No.	Description
BB30-CO	30 cfm Breather Box®, 48 cfm flow capacity, 2 couplings
BB50-CO	50 cfm Breather Box®, 79 cfm flow capacity, 4 couplings

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

Item No.	Description
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

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



BB50-COPM
50 cfm Steel Panel
79 cfm flow capacity
4 couplings

Panel Mounted Filtration

Truck & Vehicle Mounting Available

Panel Mounted Grade-D Air Filtration with CO Monitor

Item No.	Description
BB30-COPM	30 cfm Grade-D breathing air panel, 48 cfm flow capacity, 2 couplings
BB50-COPM	50 cfm Grade-D breathing air panel, 79 cfm flow capacity, 4 couplings

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

Item No.	Description
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

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

Key Details:

- Carbon Monoxide (CO) Monitor
- CO/O₂ Monitor, Intrinsically Safe versions also available
- Three Stage Filtration (99.99% efficient at 0.01 micron particle size)
- Filter Change Indicators on All Filters
- Incoming Air Plug ½" Industrial Interchange
- Two Automatic Drains with Discharge Tubes
- Remote Alarm Receptacle
- External Warning Lights and Alarm



The Breather Box® Works with ANY Airline Respirator Brand



MULTI-PAK™ Air Cylinder Carts

The MULTI-PAK™ series of cylinder carts are designed for industrial applications and built for mobility and function. The carts incorporate protected recessed controls and narrow profile for maneuverability. For use up to 5000 psi.



MULTI-PAK™ Small Air Cylinder Carts

Item No.	Description
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
MP-C	Cart cover - 400 denier black nylon for small MP-series carts

Cylinders sold separately - see below

MULTI-PAK™ Large Air Cylinder Carts

Item No.	Description
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 below

MULTI-PAKs™ & PORTA-PAKs™ can be used with ANY brand of SCBA

MULTI-PAK™ & 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
- 4-outlet breathing air manifold with 125 psi safety relief valve



PAK-3

Cylinders sold separately

PORTA-PAK™ PAK-3™ Breathing Air Cylinder Tray

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 sold separately - see below

- Dimensions: 29" L x 21" W x 6" D
- Weight: 25 lbs. (no cylinders)



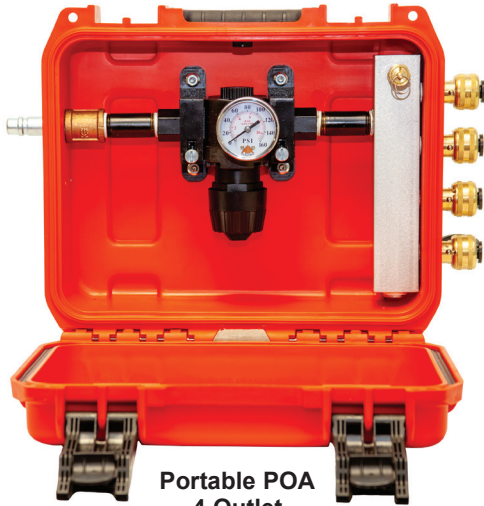
Air Storage Cylinders

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

Point of Attachment (POA) Also Known as a Remote Air Manifold

Meets NIOSH requirements of the 87-116 (1989) document for point of attachment

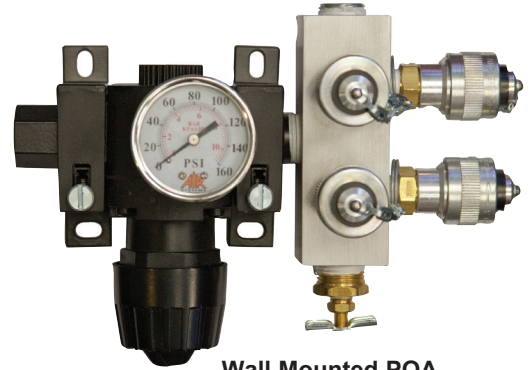
A Point of Attachment (POA) consists of a regulator, pressure gauge, safety relief valve, and fittings matching the respirator being used. The remote air manifold (POA) assembly becomes the NIOSH point for the respirator(s). POA's may be used in wet and/or hazardous locations and with mounted high pressure cylinders or filtration.



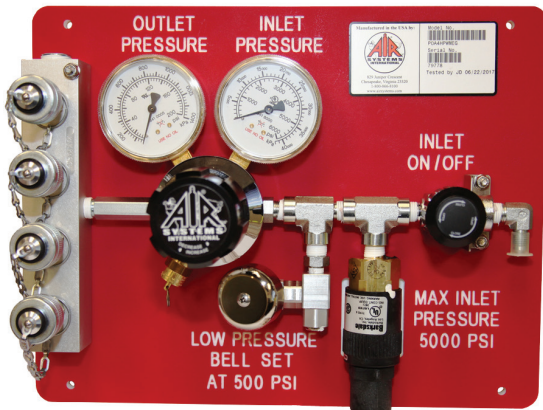
**Portable POA
4 Outlet**

Key POA Details:

- Solid Aluminum Manifold
- Adjustable Regulator
- Safety Relief Valve
- Pressure Gauge
- Intrinsically Safe
- User Specified Respirator Couplings with Dust Caps
- NIOSH Compliant



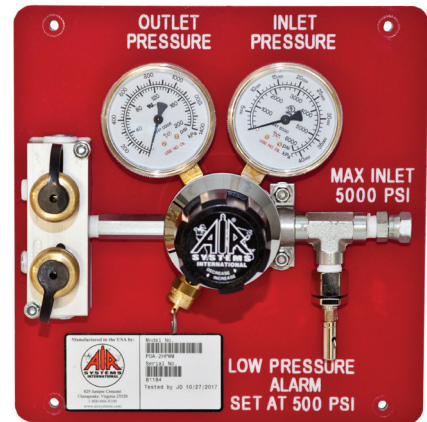
**Wall Mounted POA
4 Outlet**



**High Pressure POA
4 Outlet Truck Mount**



For Use In
Hazardous
Locations



**High Pressure POA
2 Outlet Truck Mount**

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

Contact Customer Service to order custom POA's

High Pressure Point of Attachments (POA)

Item No.	Description
POA-2HPWM	Wall mounted high pressure POA manifold, 5000 psi - 2 couplings

Contact Customer Service to order custom wall mounted POA's

Custom POA Options:

- Final filter and independent regulators
- Stainless steel or aluminum panels
- Low pressure warning alarms
- Models available for 1-8 workers
- High pressure applications
- Remote Alarm Capabilities

Cascade Breathing Air Assemblies

Air Systems' breathing air assemblies offer a complete system for use with airline respirators.



Cascade Breathing Air Assemblies

Item No.	Description
CBA3-346NB	3 cylinder breathing air assembly, CGA-346, 3000 psi
CBA3-347NB	3 cylinder breathing air assembly, CGA-347, 5000 psi
CBA3-702NB	3 cylinder breathing air assembly, CGA-702, 6000 psi

Cylinders sold separately. See below.
Please specify fittings when ordering.

Assemblies include regulator, 4-outlet manifold, low pressure alarm whistle, relief valve, and connecting whips with check valves.

AC-60 AC-87 AC-444



Additional breathing air assemblies and low pressure bell alarm options available. Contact Customer Service.

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

Fill Compressors & Fill Containment Stations



Vertical Fill Compressor



2 Position Fill Station open

**Containment Fill Stations
Designed to Meet
NFPA 1901 Standards**

Standard Features:

- All Steel Construction
- Grade-8 Steel Structural Hardware
- Vertical Blast Tubes with Liners
- Designed to Fit All Size SCBA Cylinders
- **Third Party Tested to Meet NFPA 1901**

Optional Features:

- Single or Multiple Fill Pressures
- Isolation Valves for Each Fill Position
- Color Coded Fill Lines and Labels for Each Fill Pressure and Position
- Cascade Bank Control Panels

Custom multi-bank cascade control panels are available upon request.

Fill containment stations are the ideal choice for safety performance with supply pressures up to 6000 psi and cylinder capacities from 2 to 4 positions. All fill stations have been third party tested to NFPA 1901 cylinder containment requirements and are individually tested and certified for performance prior to shipment.

Breathing Air Transporter™

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

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
- Pneumatic Tires:
 - Rear twin 21" tires - highway rated
 - Front swivel 10" tire rated for 350 lbs.
- Lunette ring for pintle hitch connection (rail hitch available)
- Trailer dimensions: length 94", height 25", width 36"
- Vertically stored dimensions: height 70"
- Weight:
 - Empty: 262 lbs.
 - With two 444 cf air cylinders: 570 lbs.



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

Air Storage Cylinders

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

Venturi Blowers

Key Details:

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



Ideal For Exhausting Hazardous Vapors From Below Ground Locations

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.

Blowers / Fans for Hazardous Locations

Designed and Approved for use in Hazardous Locations



8" Explosion-Proof Electric Blower SVB-E8EXP



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

CVF-8EXP - Class I, Div I, Groups C & D; Class II, Div I, Groups E, F,

CVF-12EXP - Class I, Div I, Groups C & D; Class II, Div I, Groups E, F, & G



8" Axial Fan CVF-8EXP



Centrifugal Blowers for Hazardous Locations

Item No.	Description
SVB-E8EXP	8" 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-A8	8" Pneumatic motor - 4 HP, operates from 10-100 psi. Includes moisture/oil separator and filter. CE Registered. 61 lbs.

Explosion-proof Plug sold below

Explosion-Proof Axial Fan

Item No.	Description
CVF-8EXP	8" Axial Fan, 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-12EXP	12" Axial Fan 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.

Explosion-proof Plug sold below



12" Explosion-Proof Axial Canister Fan CVF12EXP15

Explosion-Proof Axial Canister Fans

Item No.	Description
CVF15CANEX	8" CVF-8EXP fan, 15 foot conductive duct & conductive canister, no plug.
CVF25CANEX	8" CVF-8EXP fan, 25 foot conductive duct & conductive canister, no plug.
CVF12EXP15	12" CVF-12EXP fan, 15 foot conductive duct, conductive canister, no plug.
CVF12EXP25	12" CVF-12EXP fan, 25 foot conductive duct, conductive canister, no plug.

Explosion-proof Plug sold below

Conductive Saddle Vent® Ventilation Kits

Item No.	Description
CVFEX15KIT	8" CVF-8EXP fan, Conductive Saddle Vent®, 6 and 15 foot conductive duct, conductive canister, conductive 90° elbow, and universal mount
CVFEX25KIT	8" CVF-8EXP fan, Conductive Saddle Vent®, 6 and 25 foot conductive duct, conductive canister, conductive 90° elbow, and universal mount

Explosion-proof Plug sold below

Explosion-Proof Plug

Item No.	Description
ELAP15231	15 AMP, 125 VAC, EXP plug w/quick wiring (5-15P) USA / Canada

No additional charge for installation prior to shipment



Conductive Saddle Vent® Ventilation Kits CVFEX15KIT

Our full line of confined space ventilation products can be found at www.airsystems.com



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