

# Custom Products & Engineering Services

From Air Systems International

**Breathing Air & Ventilation**



Custom Breathing  
Air Trailers



Custom  
Enclosed  
Breathing Air  
Trailers



Custom Plant Filtration Systems

Available up to 3000 cfm

Optional Auto-Air™ System for IDHL Work



Custom  
Breathing Air  
Skids



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**Leading The Safety Industry Since 1984**

# Plant Breathing Air Compressor Systems

## Electric, Gasoline & Diesel Rotary Screw

Plant breathing air systems are designed to provide Grade-D breathing air for industrial applications. Remote air manifolds are used at various work stations. The system pictured below includes our 135 cfm compressor, a 120 gallon ASME receiver tank, Air Systems' Grade-D filtration panel with our CO-91 series carbon monoxide monitor and a refrigerated air dryer. The entire filtration system is mounted on a steel forklift frame assembly.

This package configuration can be designed for any required flow (cfm) capacities and output pressures.



Cart mounted  
Grade-D Breathing  
Air Package

Receiver  
Tank

Electric Drive Compressor with Digital  
Control Panel and Integrated Dryer

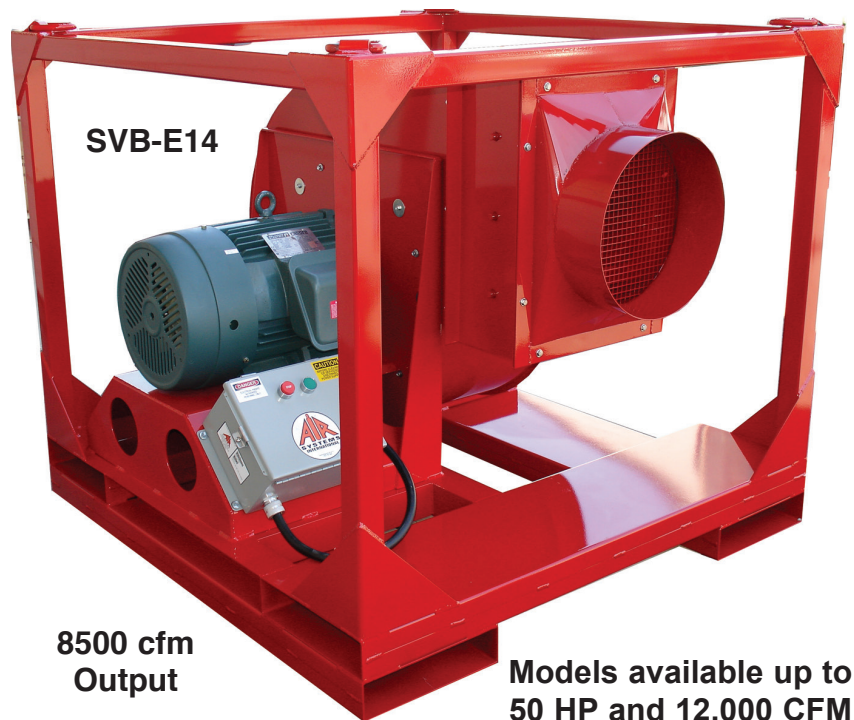
Skid mounted Grade-D  
Breathing Air Package

For a quote, please fill out the Plant Breathing Air Questionnaire on-line at [www.AirSystems.com](http://www.AirSystems.com)

## Special Application Blowers

### Large Centrifugal Blowers

Air Systems can design a custom blower to meet your most demanding requirements. Our blowers are used by steel mills, shipbuilding companies and power generating stations. Select from a wide variety and style of inlet and outlet flange sizes. The SVB-E14 is a 15 HP Centrifugal electric blower with 16" inlet and outlet flange set on a 4-way steel fork lift skid. The blower is designed to deliver high static pressure and high cfm output for maximum lengths of ducting using an adjustable flow lever.

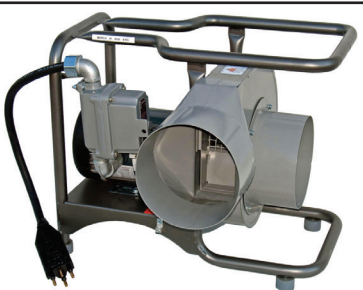


8500 cfm  
Output

Models available up to  
50 HP and 12,000 CFM



Custom Small  
Portable 6" Pressure  
Blower Designed for  
Hazardous Location  
Ventilation



# Custom High Capacity Breathing Air Cylinder Carts and Trailers

Air Systems' experienced technical staff and engineering department can design a breathing air trailer with custom storage and air delivery for ANY application. Custom mobile air cylinder carts are available for industrial plant and emergency response applications.



Emergency Response Trailers



Slide-In Vehicle Cylinder Rack Systems for Breathing and Filling Applications



## High Pressure Fill Compressors



Electric, Gasoline or Diesel Models Available

### Complete Fill System Includes:

- High Pressure Fill Compressor with CO Monitor
- Full Containment Fill Station

Call Customer Service to discuss your particular application or fill out the **High Pressure Compressor Questionnaire** located at [www.AirSystems.com](http://www.AirSystems.com) to design a custom system to meet your needs.

## Containment Fill Stations Meets NFPA-1901 Fill Requirements



# Custom Designed Air Filtration Systems

Air Systems' engineering and design team will manufacture a custom breathing air system to meet your most stringent needs.



700 cfm  
Grade-D Air  
Filtration  
Panel



Custom Breather Box®  
Fully automatic back-up  
air units for IDHL Work

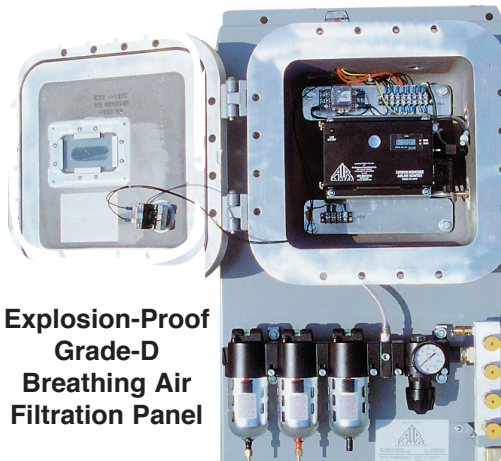


Portable Plant Air Filtration  
Cart with Auto-Air™ Feature

## Explosion-Proof Breathing Air Systems



Explosion-Proof  
Remote Alarm



Explosion-Proof  
Grade-D  
Breathing Air  
Filtration Panel

## Grade-D Air Filtration for Clean Room Applications



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