

**Grade-D Filtration**  
**Portable Systems - The Breather Box™**



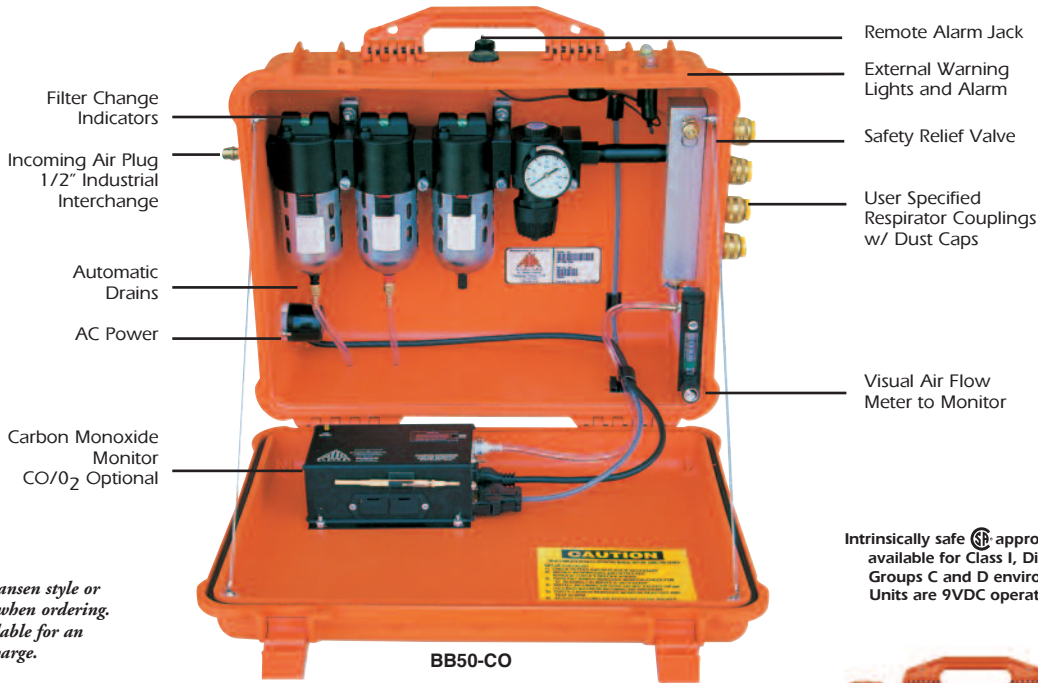
# The Breather Box™

## High Performance Portable Grade-D Breathing Air Filtration System

The Breather Box™ is a portable Grade-D filtration system designed to provide breathing air for a specific number of workers. The system filters incoming air from a compressor to provide respirator users with Grade-D quality air and monitors for CO and/or Oxygen.

The first stage element filters bulk water and particulate and has an auto drain. The second stage coalescing filter eliminates atomized oils, mists, ultra-fine particulates, and has an auto drain. The third stage filter removes organic vapors and odors and has a manual drain. Filter change indicators are standard on all three stages of filtration. Filtration efficiency is 99.99% @ .01 micron. All Breather Boxes™ are designed to be used in the upright and closed position to prevent internal contamination.

The standard carbon monoxide (CO) airline monitor operates on disposable 9-volt batteries, 8-16 volt DC, or 115 VAC for continuous air monitoring. An external audible alarm and light signals the workers of high CO content. A remote alarm jack is provided on all models except for Model BB15-CO. Point-of-Attachment (POA) boxes can extend respirator usage beyond 300 feet. **See page 11 for additional details.**




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

Intrinsically safe  approved models available for Class I, Division 1, Groups C and D environments. Units are 9VDC operation only

Model No.	Description
BB15-CO	15 cfm Breather Box™, CO monitor - (30 cfm flow capacity) -1 coupling
BB15-CO2	15 cfm Breather Box™, CO monitor - (30 cfm flow capacity) - 2 couplings
BB30-CO	30 cfm Breather Box™, CO monitor - (48 cfm flow capacity) - 2 couplings
BB30-CO3	30 cfm Breather Box™, CO monitor - (48 cfm flow capacity) - 3 couplings
BB50-CO	50 cfm Breather Box™, CO monitor - (79 cfm flow capacity) - 4 couplings
BB75-CO6	75 cfm Breather Box™, CO monitor - (97 cfm flow capacity) - 6 couplings
BB100-CO	100 cfm Breather Box™, CO monitor - (123 cfm flow capacity) - 4 couplings
BB100-CO6	100 cfm Breather Box™, CO monitor - (123 cfm flow capacity) - 6 couplings
BB100-CO8	100 cfm Breather Box™, CO monitor - (123 cfm flow capacity) - 8 couplings
BB150-CO	150 cfm Breather Box™, CO monitor - (203 cfm flow capacity) - supplied with 3 each 1/2" sockets
<b>Carbon Monoxide and Oxygen Monitoring</b>	
BB30-COO2	30 cfm Breather Box™, CO/O <sub>2</sub> monitor - (48 cfm flow capacity) - 2 couplings
BB50-COO2	50 cfm Breather Box™, CO/O <sub>2</sub> monitor - (79 cfm flow capacity) - 4 couplings
BB100-COO2	100 cfm Breather Box™ CO/O <sub>2</sub> monitor - (123 cfm flow capacity) - 4 couplings
<b>Independent Regulators</b>	
BB30-CO2R	30 cfm Breather Box™ - (48 cfm flow capacity) - 2 couplings, 2 independent regulators & pressure gauges
BB50-CO4R	50 cfm Breather Box™ - (79 cfm flow capacity) - 4 couplings, 4 independent regulators & pressure gauges
BB100-CO4R	100 cfm Breather Box™ - (123 cfm flow capacity) - 4 couplings, 4 independent regulators & pressure gauges

**see page 12 for calibration kit ordering information**

Model No.	Description
<b> Intrinsically Safe</b>	
BB30-COIS	30 cfm Breather Box™ Intrinsically Safe - (48 cfm flow capacity) 2 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 (Optional 6 or 8 couplings)

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



**Custom Designed Breather Box™ Options**

- Clear View Windows
- Independent Regulators to allow different respirators and lengths of hoses to be used simultaneously
- Fully Automated Reserve Air System
- Low Pressure Alarms

**Contact Customer Service for Details**



[Air Systems BB100-CO Breather Box](#)  
[Air Systems BB100-CO4R Breather Box](#)  
[Air Systems BB100-CO6 Breather Box](#)  
[Air Systems BB100-CO8 Breather Box](#)  
[Air Systems BB100-COIS Breather Box](#)  
[Air Systems BB100-COO2 Breather Box](#)  
[Air Systems BB150-CO Breather Box](#)  
[Air Systems BB15-CO Breather Box](#)  
[Air Systems BB15-CO2 Breather Box](#)  
[Air Systems BB30-CO Breather Box](#)  
[Air Systems BB30-CO2R Breather Box](#)  
[Air Systems BB30-CO3 Breather Box](#)  
[Air Systems BB30-COIS Breather Box](#)  
[Air Systems BB30-COO2 Breather Box](#)  
[Air Systems BB50-CO Breather Box](#)  
[Air Systems BB50-CO4R Breather Box](#)  
[Air Systems BB50-COIS Breather Box](#)  
[Air Systems BB50-COO2 Breather Box](#)  
[Air Systems BB75-CO6 Breather Box](#)