



# Breathing Air Panels for Permanent Mounting Applications

Permanent mounted Grade-D filtration systems are designed to provide breathing air for a specific number of workers. The system filters compressor air to provide respirator users with Grade-D quality air. The first stage element filters bulk water and particulate, the second stage coalescing filter removes atomized oils and ultra-fine particulate, and the third stage removes organic vapors and odors. Filter change indicators are standard on all three filtration stages. Filtration efficiency is 99.99% @ .01 microns. A built-in carbon monoxide monitor operates on twin 9-volt DC, 115 VAC, or 8-16 VDC for continuous detection. A high intensity audible alarm and light signals the workers of high CO content in their breathing air. A 115 VAC electrical conduit box is provided as standard to provide AC power in and connection for AC powered remote alarms. Filtration components are mounted on a powder coated steel panel.

Did You  
**KNOW?**

- All portable and fixed breathing air filtration systems meet or exceed OSHA 1910.134, Canadian Z180.1 Breathing Air Standards and British Standard BS-EN 12021:1999 "RESPIRATORY PROTECTIVE DEVICES"
- All filtration units are designed to flow the NIOSH maximum capacity per worker
- Air Systems provides at NO CHARGE your first lab certified air quality test of your new breathing air filtration device. Contact Customer Service for details.



BB30-COPM  
2 Worker Grade-D Filtration



BB15-COPM  
Single worker Grade-D Filtration  
16" W x 14.5" H x 5.25" D

Model No.	Description
<b>Standard Panels</b>	
BB15-COPM	15 cfm Grade-D breathing air panel with CO monitor (30 cfm flow capacity) - 1 coupling or NPT outlet*
BB30-COPM	30 cfm Grade-D breathing air panel with CO monitor (48 cfm flow capacity) - 2 couplings or NPT outlet*
BB50-COPM	50 cfm Grade-D breathing air panel with CO monitor (79 cfm flow capacity) - 4 couplings or NPT outlet*
BB75-COPM	75 cfm Grade-D breathing air panel with CO monitor (97 cfm flow capacity) - 6 couplings or NPT outlet*
BB100-COPM	100 cfm Grade-D breathing air panel with CO monitor (123 cfm flow capacity) - 4 couplings or NPT outlet*
BB150-COPM	150 cfm Grade-D breathing air panel with CO monitor (203 cfm flow capacity) - NPT outlet*
BB250-COPM	250 cfm Grade-D breathing air panel with CO monitor (741 cfm flow capacity) - NPT outlet*
*Consult Customer Service	
<b>Carbon Monoxide and Oxygen Monitoring Panels</b>	
BB30-CO2PM	30 cfm Grade-D breathing air panel with CO/O <sub>2</sub> monitor (48 cfm flow capacity) - 2 couplings or NPT outlet
BB50-CO2PM	50 cfm Grade-D breathing air panel with CO/O <sub>2</sub> monitor (79 cfm flow capacity) - 4 couplings or NPT outlet
BB100CO2PM	100 cfm Grade-D breathing air panel with CO/O <sub>2</sub> monitor (123 cfm flow capacity) - 4 couplings or NPT outlet
<b>Auto-Air™ Option Panels</b>	
BB30COAAPM	30 cfm Grade-D Auto-Air™ breathing air panel with CO monitor - (48 cfm flow capacity) 2 couplings or NPT outlet
BB50COAAPM	50 cfm Grade-D Auto-Air™ breathing air panel with CO monitor - (79 cfm flow capacity) 4 couplings or NPT outlet
B100COAAPM	100 cfm Grade-D Auto-Air™ breathing air panel with CO monitor - (123 cfm flow capacity) 4 couplings or NPT outlet

see page 12 for calibration kit ordering information

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

Model No.	Description
<b>☑ Intrinsically Safe Panels</b>	
BB15COPMIS	15 cfm Grade-D breathing air panel with intrinsically safe CO monitor - (30 cfm flow capacity) - 1 coupling
BB30COPMIS	30 cfm Grade-D breathing air panel with intrinsically safe CO monitor - (48 cfm flow capacity) - 2 couplings
BB50COPMIS	50 cfm Grade-D breathing air panel with intrinsically safe CO monitor - (79 cfm flow capacity) - 4 couplings or NPT outlet
B100COPMIS	100 cfm Grade-D breathing air panel with intrinsically safe CO monitor - (123 cfm flow capacity) - 4 couplings or NPT outlet

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



- [Air Systems International B100-COAAPM Breathing Air Panel](#)
- [Air Systems International B100-COPMIS Breathing Air Panel](#)
- [Air Systems International BB100-CO2PM Breathing Air Panel](#)
- [Air Systems International BB100-COPM Breathing Air Panel](#)
- [Air Systems International BB150-COPM Breathing Air Panel](#)
- [Air Systems International BB15-COPM Breathing Air Panel](#)
- [Air Systems International BB15-COPMIS Breathing Air Panel](#)
- [Air Systems International BB250-COPM Breathing Air Panel](#)
- [Air Systems International BB30-CO2PM Breathing Air Panel](#)
- [Air Systems International BB30-COAAPM Breathing Air Panel](#)
- [Air Systems International BB30-COPM Breathing Air Panel](#)
- [Air Systems International BB30-COPMIS Breathing Air Panel](#)
- [Air Systems International BB50-CO2PM Breathing Air Panel](#)
- [Air Systems International BB50-COAAPM Breathing Air Panel](#)
- [Air Systems International BB50-COPM Breathing Air Panel](#)
- [Air Systems International BB50-COPMIS Breathing Air Panel](#)
- [Air Systems International BB75-COPM Breathing Air Panel](#)