Clean air. From a little yellow box.

Clean Air Box Series (CAB) Breathing Air Filtration Systems

COMPLIANCE
OSHA requires that employers provide their workers with Grade D breathing air. Bullard Clean Air Boxes provide 3-stage filtration and carbon monoxide (CO) monitoring to help meet this requirement.

DESIGN
Rugged construction for harsh work environments
- Polycarbonate Pelican® Cases (Portable Units)
- Powder Coated Steel (Wall Mount Units)

Automatic condensate drains extend filter element life
Independent regulators (optional) ensure each worker has the proper air flow

3-STAGE FILTRATION
Three stages of filtration remove oil, water, particulate, oil vapor and odors.
- First Stage - Removes 95% of solid contaminants and bulk liquids from the breathing air, down to five microns, prolonging the life of the second and third stage elements.
- Second Stage - Removes extremely fine oil mists down to .01 microns. Maximum remaining filter efficiency is 99.9998%.
- Third Stage - Removes unpleasant oil and hydrocarbon vapors and odors from the air. Maximum remaining oil content is .003 ppm by weight. Filter efficiency is 99.9998%.

Filter change indicators visually alerts the operator to replace element
Replacement filters compatible with other brands of filtration panels

CO MONITORING
Auto calibration takes approximately 90 seconds and requires no tools
High intensity 90 dB alarm remote capable with strobe
Self-contained
- 70+ hours of operation on 8-AA batteries
- 110VAC power cord included
Visual display with Internal LCD and External LEDs

www.bullard.com
Clean Air Box Series (CAB)

Technical Specifications and Ordering Information

**Technical Specifications**

**Filtration Capacity**
- 15 cfm: (425 lpm) at 110 psi (7.5 bar)
- 50 cfm: (1415 lpm) at 110 psi (7.5 bar)
- 30 cfm: (850 lpm) at 110 psi (7.5 bar)
- 100 cfm: (4248 lpm) at 110 psi (7.5 bar)

**Filter Efficiency**
- First Stage: Filters down to 5 microns. 95% of bulk liquids. Automatic drain.
- Second Stage: Filters down to .01 microns. 99.9998% efficient. Automatic drain.
- Third Stage: Removes oil vapors, odors and tastes. Maximum remaining oil content .003 ppm/wt. 99.9998% efficient. Filter Change Indicator.

**Filter Housing**
- Polycarbonate bowls.
- Inlet: 1/2” (13mm) Industrial Interchange (Hansen Compatible) male plug.

**Outlets**
- 1,2,4, or 8 as specified. 1/4” Hansen quick disconnect standard.

**Max Inlet Pressure**
- 150psi (10.3 bar)

**Max Outlet Pressure**
- 125psi (8.6 bar)

**Pressure Regulator**
- Adjustable locking regulator with 0-160 psi outlet gauge.

**Warranty**
- Two years on sensor and monitor

**Ordering Information**

**Portable Units**
- CAB15: 15 cfm with one outlet
- CAB30: 30 cfm with two outlets
- CAB50IR: Same as above with Independent Regulators
- CAB50: 50 cfm with four outlets
- CAB50IR: Same as above with Independent Regulators
- CAB100: 100 cfm with eight outlets
- CAB100IR: Same as above with Independent Regulators

**Wall Units**
- CAB15PM: 15 cfm with one outlet
- CAB30PM: 30 cfm with two outlets
- CAB50PMIR: Same as above with Independent Regulators
- CAB50PM: 50 cfm with four outlets
- CAB50PMIR: Same as above with Independent Regulators
- CAB100PM: 100 cfm with eight outlets
- CAB100PMIR: Same as above with Independent Regulators

**Replacement Parts**
- CAB30FEC: Stage 3 Element for 15 or 30 cfm
- CAB30FK: Element kit, includes Stages 1-3 for 15 or 30 cfm
- CAB50FEA: Stage 1 Element
- CAB50FEC: Stage 2 Element
- CAB50FEA: Same as above with Independent Regulators
- CAB100FEA: Stage 1 Element
- CAB100FEC: Stage 2 Element
- CAB100FEA: Stage 3 Element
- CAB100FEC: Element kit, includes Stages 1-3
- CAB100FK: Element kit, includes Stages 1-3
- CAB100FK: CO Monitor Sensor Element - Older Units
- CAB15: 15 cfm with one outlet
- CAB30: 30 cfm with two outlets

**Accessories**
- CABCK: Calibration Kit
- RA: Remote Alarm
- CABKS50100: Kickstand FOR CAB50 or CAB100
- CABKS1530: Kickstand FOR CAB15 or CAB30
- CABK550100: Kickstand FOR CAB50 or CAB100
- CABK5HA: 1/4” splitter

**Voltage**
- Portable Units: 115-volt AC (10’ cord included) or 8-AA batteries. Monitor switches automatically to DC with AC power failure
- Wall Units: 110/220 VAC, wiring required.

**Display**
- Internal digital LCD display

**Relief Valve**
- 125psi (8.6 bar) ASME preset

**Flow-thru In-line Continuous Operation**
- WARNING: These units will not remove Carbon Monoxide (CO), Carbon Dioxide (CO2), Nitrogen, or other toxic gases or fumes. These units will not increase the oxygen content of an air supply and should not be used when air entering the system is oxygen deficient. Air filtration systems must be operated in the upright position to allow the auto drains to properly seat. The standard Clean Air Box (CAB) filtration units are not explosion proof and should be located in a non-explosive environment.

©2013 Bullard. All rights reserved.