



GRADE-D Air Filtration Systems

Advanced supplied air systems with built in CO monitor with portable design

Product available with below approval

IS 10248 (Part 3)



CML-7600010911

Breather Box

High Performance Portable Grade-D Air Filtration System are designed to provide breathing air for a specific number of workers.

- The system filters in-coming 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 suspended fine particles and particulate and has an auto drain.
- The second stage coalescing filter eliminates atomized oil mist, ultra-fine particulates and has an auto drain.
- The third stage filter removes organic vapors and odors & has a manual drain.
- Filter change indicators are standard on all three stages of filtration.
- Filtration efficiency is 99.99% @ 0.01 micron.
- All systems are designed to be used in the upright and closed position to prevent internal contamination.
- The standard Carbon Monoxide (CO) airline monitor operates on 9-volt batteries or 220 VAC for continuous air monitoring.
- An external audible alarm and light signals high CO content.
- Point-of-Attachment (POA) boxes can extend respirator usage beyond 300 feet.
- Includes safety relief valve, visual air flow meter to monitor, manifold drain valve, remote alarm jack, 0-160 psi pressure gauge.
- Permanent Mountable model all components are mounted on powder coated steel panel.
- Capacity max 50CFM-4 coupling, inlet pressure 150 psi.



APPLICATION EXAMPLES

Engineering

Mining
Petrochemicals

Welding, Sand Blasting, Powder coating, Buffing, Painting, Cutting Drilling
Unventilated areas

Paints
Pharmaceuticals
Ships
Waste treatment

Paint spray, Mixing
Bulk drugs, Material handling
Tank cleaning
Sewage handling,
Cleaning drains



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