

Strata Fresh Air Bay

Portable, Inflatable refuge chamber

The Strata Fresh Air Bay is a completely powerless, stand-alone, inflatable safety system designed to provide refuge and breathable air to persons trapped in emergency situations

- An inflatable refuge chamber is folded and stored in a 15psi explosion resistant skid with wheels and a towing package
- Remaining in ready-mode the FAB inflates within minutes and provides immediate access
- Compressed air cylinders within the skid inflate, purge and fill the chamber
- A built-in Airlock entry and purge air system ensures the main chamber will remain uncompromised
- A patented air-powered carbon dioxide scrubber and compressed oxygen cylinders maintain breathable air during occupation
- While in the chamber, occupants have easy access to gas monitoring systems, food, water and lavatory supplies
- Strata Chambers meet the MSHA Breathable Air, Harmful Gas Removal and Air Monitoring Component requirements as specified in CFR 30 Part 7



Strata Fresh Air Bay

Portable, Inflatable refuge chamber

FRESH AIR BAY TENT

- Constructed from durable MSHA approved fabric (Approval # 07-BA120005)
- Double layered floor for durability
- Standard sizes: 1-16 Man, 17-26 Man, 27-36 Man
- Standard height and low height options



FRESH AIR BAY SKID

- Explosion & fire resistant steel construction built on a skid base with optional wheel and hitch package
- Highly mobile
- Additional protective hardening options available
- Highly visible paint and reflective decals
- Standard height and low height options



CARBON DIOXIDE SCRUBBING

- Patented air-powered CO₂ Scrubber
- Powered by on-board compressed air cylinders and no electrical power necessary
- Utilizes soda lime chemicals in spill-proof cartridges to remove CO₂
- Supplies last 96 hours standard

