



CARBON DIOXIDE SCRUBBER

- ◆ Self contained, stand alone system, designed to provide oxygen and remove carbon dioxide from the air in enclosed areas
- ◆ Utilizes medical grade oxygen cylinders and soda lime chemicals
- ◆ A flow meter controls the rates at which the oxygen is released. This is set according to the number of occupants
- ◆ The electric model is powered by mines main electrical source and has battery back-up
- ◆ The electrical unit has an LCD display which provides an instant inspection of the systems charge condition
- ◆ The powerless model is driven by air from compressed air cylinders and is safe for use in coal mining

CARBON DIOXIDE SCRUBBER

ELECTRICAL UNIT OPERATION

- ◆ Operation is simple and consists of opening the two valves on the oxygen cylinders, setting the flow rate meter according to the number of occupants, switching the unit on via a simple on/off switch and placing the soda lime cartridges on the top tray of the scrubber
- ◆ A cartridge change out schedule is provided

SPECIFICATIONS

- ◆ Constructed out of welded, painted steel
- ◆ 3'-3" high x 2'-8" wide x 2' deep
- ◆ Weight: Approximately 150 lbs



Electric Scrubber

AIR-DRIVEN CO₂ SCRUBBER (Patent Pending)

- ◆ Provides fresh, breathable air without the use of electrical power
- ◆ Works with high pressure oxygen and compressed air cylinders
- ◆ Built in fans produce the necessary air movement through the chemicals to achieve scrubbing
- ◆ Operation consists of opening the valves on all cylinders, setting the flow rate meter according to the number of occupants and placing soda lime cartridges on the top tray
- ◆ Cartridges are exchanged every 24 hours



Air-Driven Scrubber with cartridges (Patent Pending)

SPECIFICATIONS

- ◆ Constructed out of welded, painted steel
- ◆ Three sizes depending on size of chamber and number of occupants