RHINE AIR, INC.
Aircraft Fuel Tank Respiratory Protection System

System # 8

Description: A complete Electric Driven (Explosion-Proof) Oil-Less Ambient Air Breathing Pump with two NIOSH approved Respirator Mask and Hose Assemblies. System can be transported, set-up and stored easily. All Equipment will connect and work together, Respirators include built-in speaking diaphragm for better communication.

Contents:
(1 Each) Electric Driven (Explosion-proof) Ambient Air Breathing Pump. This Pump operates with 115 volt Single Phase, 60 Hz, AC electrical current.
(2 Each) Full Face Respirator with matching 100 ft. (30m) Hose and Quick-Disconnect Fittings.
(1 Each) Box of replacement Filter Cartridges for Air Pump.

WARNING: This System not to be used in areas that are immediately hazardous to your health or from which the worker cannot escape without the use of a supplied air respirator.
1) INTAKE FILTER DRAWS IN AMBIENT AIR (CAN BE EXTENDED)

2) AIR IS ROUTED THROUGH OIL-LESS PUMP

3) AIR EXITS MANIFOLD THROUGH DESIGNATED RESPIRATORY HOSE

4) SIMULATED TRAVEL PATH OF AIR THROUGH RESPIRATORY HOSE

Basic Breathing System Schematic