Custom Designed Hydraulically Expandable Collectively Protected ISO Shelter

The Mobile Surgery Unit II™, manufactured in accordance with ASTM 1925, is a fully integrated and self-contained shelter system with a large medical suite. Modular and versatile to meet all applications where a protected environment is needed in minutes.

Hybrid Combination Generator & Environmental Control Unit

Generator:
- 208/120V, 3 phase, 60 Hz
- Sound & vibration isolated
- Designed for over load/unbalanced load and tight frequency range

Environmental Control Unit:
- Lightweight split unit & low power use
- 68,000 BTU (20kW) evaporator capacity
- 129,000 BTU (38kW) condensing capacity
- 12 kW resistive heat

Medical Suite Infrastructure

The fully integrated medical suite infrastructure is designed to meet U.S. hospital codes for mobile environments for air quality and exchanges as well as medical gas delivery.
- Medical gas system (Oxygen, Vacuum and Alarm System)
- Two (2) Patient Care Stations

Integrated NBC Filtration System

- Variable speed motor-blower assembly
- Computerized flow control
- Dust separator and pre-filter
- Accepts standard DOD approved gas and particulate filter sets

Power System

- Emergency power system and Uninterruptible Power Source (UPS)
- Shore power connection