

Purpose:

- Designed to combat COVID-19 and other Infectious Diseases
- Emergency Response to Disasters - Hurricanes and Earthquakes
- Additional Hospital Beds for Large Events
- Remote Healthcare - rural or other areas

Functionality:

- Easy to Use & Deploy
- Self-Contained
- Fully Furnished
- Easy to Clean
- Storable & Reusable

Configuration:

The layout for the system includes four patient rooms with three beds each, nurses station and support equipment. Systems for the units include electrical systems powered by diesel generators or shore connections, ventilation systems with HEPA filtration, and potable water/waste connections. Using six heavily modified shipping containers and one fabricated equipment skid.

Optional Systems:

Medical Gas, Internal Camera, and Medical Vacuum Systems



System Highlights

Directional Air Flow

- 18 air exchanges per hour
- Visual Flow sensors at each cascade
- Cascading air flow with exhausted air through HEPA Filters
- Single pass air system

Self-Sustainable

- Seven day storage of power and fuel at maximum output

Easy to Set-Up and Clean

- Average of one day set-up time
- Internal materials cleaner friendly

Patient Capacity

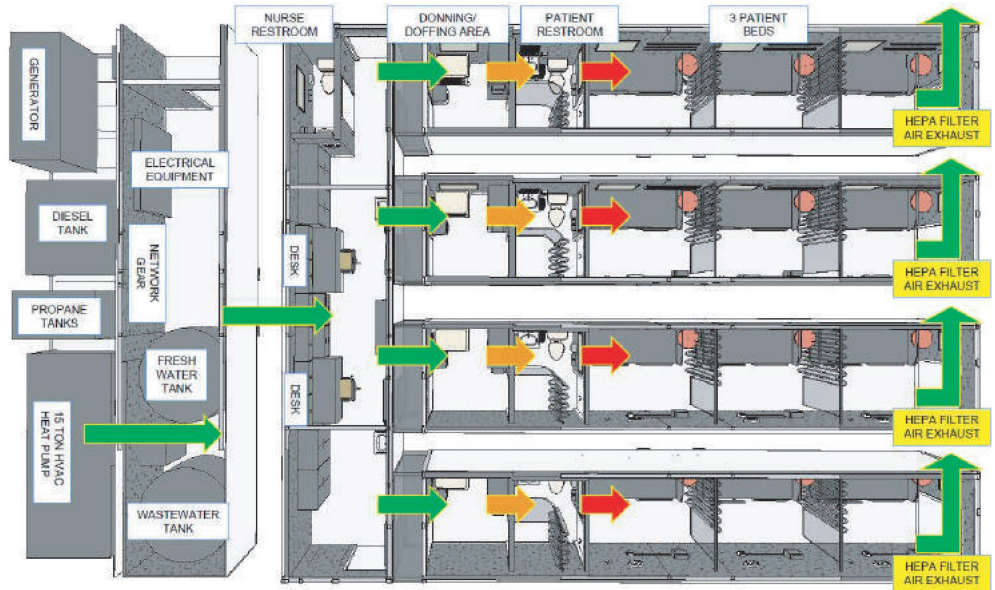
- Four (4) wings
- 11 total patient beds
- ABA/ADA compliant

Structural Elements

- Insulated walls, ceiling & floors
- Fire alarm system with caller/dialer
- Hospital grade weld joints
- Designed for outside air temperatures from 0°F to 120°F
- 1,500 gallon fresh water tank with pumps
- 1,500 gallon wastewater tank with pumps

Patient Bed Amenities

- UPS power circuits
- Nurse call station



Code Compliant

- International Building Code
- National Electric Code
- Structurally designed to 115 mph Wind Load
- International Plumbing Code
- International Mechanical Code
- National Fire Protection Association
- American Society of Health Care Engineering
- Sheet Metal and Air Conditioning Contractors National Association
- American Water Works Association

