

NASA Habitat Design - Outer Space

Habitat Configuration

Shape: Cylindrical

Length: 12.0 m

Diameter: 8.0 m

Height: 4.0 m

Crew Size: 6

Mission Duration: 18 months

Statistics

Total Volume: 603.2 m³

Used Volume: 10825.3 m³

Utilization: 1794.7%

O₂ Total: -2268.0 kg

CO₂ Total: 3099.6 kg

O₂/Day: -4.20 kg

CO₂/Day: 5.74 kg

Modules

Life Support (x1): 10825.3 m³