

US Navy 54" Standard Double Lock Recompression Chamber

DESCRIPTION

This highly sophisticated ASME certified stainless steel chamber is designed to be, as an option, containerised. Released in 2001 it has built in redundancy with all gas systems and full air conditioning (heating and cooling). The main lock is spacious and accommodates four (3 seated and stretcher) while the entry lock seats two.

SPECIFICATION

Standard Occupants	6
Seating Main Lock	4 (3 seated + stretcher)
Seating Entry Lock	2 seated
Stretcher	mechanical sliding
Material	stainless steel
Length	3852mm
Diameter	1350mm
Doorway Openings	762mm diameter (stainless)
Max Operating Pressure	690kPa (6.9 bar)
Max Operating Depth	70msw
Operating Console	attached to chamber
Supports	lifting skids
Viewports Inner Lock	3
Viewports Outer Lock	2
Lighting	inner and outer locks
Medical Lock	304mm diameter
Communications	full system
Piping	stainless steel with O ring seals
Co₂ Scrubber	yes - electrically powered
Gas Systems	air, oxygen and mixed gas
Gas System Redundancy	yes - on all systems
Oxygen Bibs Capacity	6 (4+2)
Nato Flange Capability	yes
Air Conditioning	heating and cooling
Fire Extinguisher	hand held
Design Code	ASME
Third Party Certification	Lloyds Register



KEY FEATURES

- **Operating Press - 110psi (225ft)**
- **Air conditioning - heat and cool**
- **Entry lock seating - 2**
- **Main lock seating - 3 plus stretcher**
- **Stretcher - mechanical sliding**
- **Doorways - 762mm diameter**
- **Compact console design**
- **Dual depth gauges**
- **Air, oxygen and mixed gas**
- **Redundancy - all gas systems**
- **Full communications system**
- **Lighting**
- **ASME certified**
- **Stainless steel and brass construction**
- **Lifting skid and lugs**
- **Spare penetrators**
- **NATO attachment capability**
- **Medical lock - 304mm diameter**