

Minehunter Twin Lock Recompression Chamber

STAINLESS STEEL 1200 DIAMETER

DESCRIPTION

The JFD Cowan Minehunter Twin Lock Recompression Chamber has been supplied to the Australian and Thailand Navies. These chambers support routine mine counter measure diving operations conducted from the vessel as well as emergency treatment of decompression illness.

SPECIFICATION

Standard Occupants	4
Seating Main Lock	2 (stretcher + bench)
Seating Entry Lock	2 seated
Stretcher	mechanical sliding
Material	316L stainless steel
Length	3357mm
Diameter	1200mm
Doorway Openings	661mm diameter (stainless)
Max Operating Pressure	500kPa (5 bar)
Max Operating Depth	50msw
Operating Console	attached to chamber
Supports	shock mounts
Viewports Inner Lock	2
Viewports Out Lock	1
Lighting	inner + out locks
Medical Lock	146mm diameter
Communications	full system
Piping	stainless steel with O ring seals
CO₂ Scrubber	yes - air powered
Gas Systems	air, oxygen and mixed gas
Gas System Redundancy	yes - on all systems
Oxygen Bibs Capacity	4 (2+2)
Nato Flange Capability	female flange included
Air Conditioning	yes + external insulation
Fire Extinguisher	hand held
Design Code	AS1210 - 1989
Third Party Certification	Lloyds register



KEY FEATURES

- Operating Pressure - 550kPa (50msw)
- Environmental Control Unit
- Main Lock - bench plus stretcher
- Entry Lock - 2 seats
- Air, O₂ and mixed gas systems
- BIBS - 3 in each lock
- Redundancy - all gas systems
- Oxygen and carbon dioxide monitoring
- Full communications system
- CO₂ scrubber
- Manways - 661mm diameter
- Deck shock mounts
- Shock tested
- Shell - 316L stainless steel
- Low magnetic signature
- External insulation
- Air transportable
- View ports - 3 x 152mm diameter
- Light ports - 2 x 152mm diameter
- Female NATO connection flange
- Medical lock - 146mm diameter
- Dimensions (mm) - 3357(L), 1520(W), 1521(H)