

Search & Rescue Twin Lock Recompression Chamber

DESCRIPTION

These chambers are used by Defence, other special services such as police diving, and commercial divers. The JFD Cowan Standard 1500 Twin Lock Recompression Chamber provides excellent value for money. Manufactured from carbon steel, with a standard 6 or 8 person capacity, it has the potential for a wide range of applications. With a chamber diameter of 1500mm a very adequate and spacious environment is achieved. A key client for this chamber is the Philippines Navy.

Also is available as a Containerised Recompression Chamber (1500 diameter) variant.



SPECIFICATION

Standard Occupants	6
Seating Main Lock	4 (3 seated + bunk)
Seating Entry Lock	2 seated
Stretcher	bunk style
Material	carbon steel
Length	3525mm
Diameter	1500mm
Doorway Openings	661mm diameter (stainless)
Max Operating Pressure	690kPa (6.9 bar)
Max Operating Depth	70msw
Operating Console	attached to chamber
Supports	shock mounts skids (optional)
Viewports Inner Lock	2
Viewports Out Lock	1
Lighting	inner + out locks
Medical Lock	146 mm diameter
Communications	sound powered phone
Piping	stainless steel with O ring seals
CO₂ Scrubber	yes - air powered
Gas Systems	air and oxygen
Gas System Redundancy	no (optional, at extra cost)
Oxygen Bibs Capacity	6 (4+2)
Nato Flange Capability	no
Air Conditioning	optional
Fire Extinguisher	-
Design Code	AS1210 - 1997
Third Party Certification	Lloyds Register

KEY FEATURES

- **Medical lock 146mm diameter 350mm long**
- **View ports (2 inner lock and 1 outer lock)**
- **Lighting - inner and outer locks**
- **Communication system - sound powered telephone**
- **Internal fire fighting extinguisher**
- **Doorways 661mm diameter**
- **Stainless steel doors**
- **Seats (3 x inner and 2 x outer lock)**
- **Full size bunk**
- **Hyperbaric tested/approved paint**
- **SS pipework with O ring seals**
- **CO₂ scrubber**

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Usable Length Inner Lock	2,516mm
Usable Length Outer Lock	881mm
Inside Diameter	1,512mm
Overall Width	1,706mm
Overall Height	1,769mm
Base Size	2 sections 1,310 x 150
Max Operating Depth	0.69mPa
Design Pressure	0.76mPa (7.6 Bar)
Working Pressure	70m (230 ft)
Hydro Test Pressure	1.14mPa
Internal Volume	5.9scm
Weight Unoccupied	1,750kg