

A1800/100 Commercial Diving Chamber

Description:

Designed for use inside diving support vessels and coastal support bases, these diving chambers can be either built into the diving support vessel or containerised. The chamber is rated to a depth rating of 100m/334fsw in accordance with the latest ASME-PVHO code with U-stamp. The Pressure Vessel design is approved by ABS and the construction of the vessel is reviewed and witnessed by ABS surveyors. The chamber has two locks, namely the main and entry lock and complies with all standard IMCA requirements for a deck chamber used for re-compression including single view-ports in each lock. The internal fit-out includes sound-powered phones, a hyperbaric fire extinguisher, Stainless Steel wear surfaces and

two internal bunks allowing for either two recumbent patients or six seated occupants. The control panel is fitted with an oxygen analyser, two pressure-indicating gauges, one therapeutic gauge, an electrical control panel and a twin-lock communications panel. The gas systems on the chamber include dual pressurisation of the main and entry lock. The electrical system includes a battery back-up and a dual incoming power supply.

Specification:

Inner Dia: ± 1800mm (± 72")
 Length: 3781mm (149")
 Width: 1940mm (76")
 Height: 2225mm (88")
 Weight: 3780kg (empty)
 4100kg (fitted out)
 Volume: 8.9 m³
 Entry Lock Volume: 2.7m³
 Main Lock: 6.2m³



Order Detail:

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| 1800 DDC - ASME-PVHO- IMCA: | D-DC-013 |
| 1800 DDC - PD5500-PVHO- CE Marked-IMCA: | D-DC-014 |
| 1800 DDC - ASME-PVHO- U-Stamp ABS -IMCA: | D-DC-015 |
| 1800 DDC - PD5500-PVHO- CE Marked-IMCA-DNV: | D-DC-016 |

Note: We are able to provide chambers for Zone Rated requirements. DNV and Lloyds Certification are also available.

