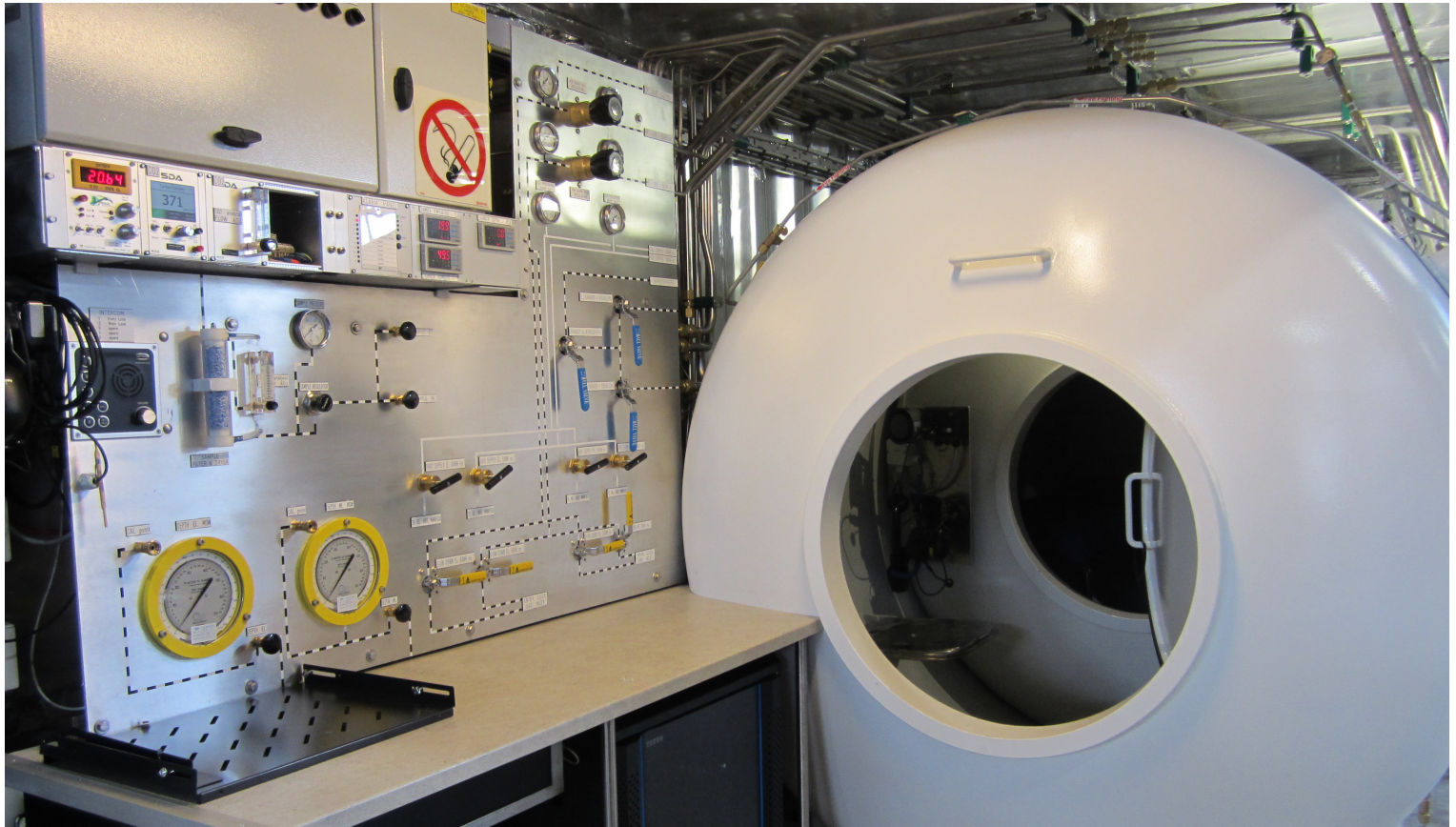


Air Dive Chamber Deck Decompression Chamber



Both containerized and
free standing systems

Imenco produce a range of Air Dive Chambers. Different in size and specification. Air Dive Chamber is complete hyperbaric chamber system for decompression of divers, oxygen treatment and other hyperbaric therapies.

Air Dive Chamber Deck Decompression Chamber

Chamber is of twin lock type: entry lock E.L. and main lock M.L. Air Dive Chambers which are high quality, are built to the latest DNV-GL and NORSOK standards.

All the chambers are IMCA D023 compliant. Chamber as pressure vessel is PED compliant and CE marked. Imenco Air Dive Chamber medical lock fully complies with section B305 of DNV-OS-E402 standard. The design and operability of medical lock have been verified by DNV-GL.

Special pipe silencers designed and manufactured by Imenco ensure extremely low noise level when chamber being pressurized and depressurized.

This is achieved without additional flow restrictions. Chamber is fitted with FiFi installation prepared for integration with High Fog firefighting system designed and manufactured by Imenco.

All the pipework and gas components are cleaned for oxygen service acc. to ASTM G93 level B as minimum.



Control Panel

- Analox O2 and CO2 analyses
- Depth gauges (6 inch)
- Communication radio
- Pressure regulators
- Video Screens (containerized systems)

Chamber

- Caisson gauges
- Viewports (1xE.L. and 2 x M.L.)
- BIBS masks
- Primary and secondary communication in both compartments
- CO2 Scrubber
- Hyperbaric and LED lights
- Bunks and fire retardant mattresses

Air Dive Chamber Deck Decompression Chamber

Technical Data (1,8m chamber)

Max Working Pressure	6.0 bar
Design pressure	6.0 bar
Testing Pressure	8.6 bar
Standard Occupant Capacity	2 man on bunks
M.L. Volume approx.	6730L
E.L. Volume approx.	3200L
Inner Diameter	1800 mm
External Overall Length	4164 mm
M.L. Inner Length	2770 mm
E.L. Inner Length	1145 mm

External Overall Height	2115 mm
External Overall Width	2045 mm
Number of Doors	2 pcs
Door Dimension M.L./E.L.	Ø766 mm
Door Dimension E.L./outside	Ø766 mm
Viewports M.L. Ø300	2 pcs
Viewports E.L. Ø300	2 pcs
Med.Lock Diameter	Ø232 mm
Med.Lock Length	230 mm
Med.Lock Volume	9.7 L

