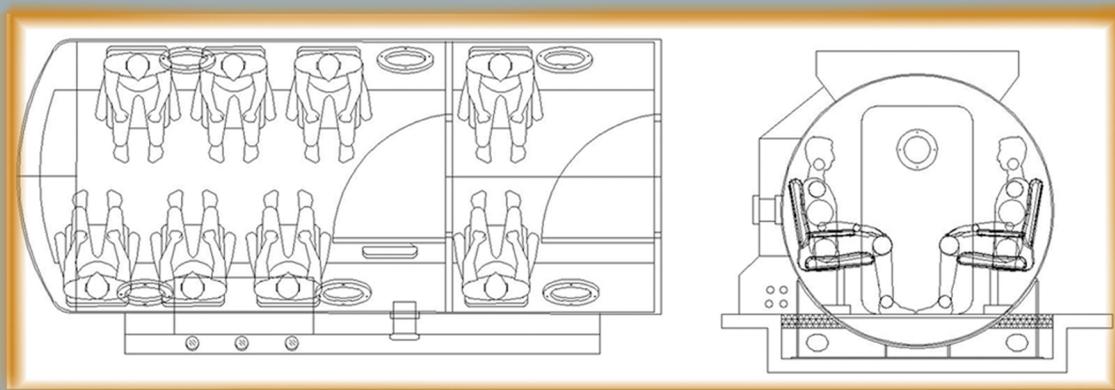


Dual Lock Hyperbaric Chamber

The 7800 D Series of multiplace chambers are designed for clinical hyperbaric therapy applications, including those involving extended treatment exposures.

The entry lock of these chambers are designed for use anytime ingress & egress is necessary. The dual lock design allows easy access in and out of the chamber while at depth.

The 7800 D Series offers a dual lock providing increased space & headroom over the 7200 Series with minimal increase in cost. The 7800 D Series is available in 4 patient (5 person) and 6 patient (7 person) sizes.



Notable features of a PCCI Hyperbaric Systems Dual-Lock Multiplace Hyperbaric Chamber

- 32" w" X 66 "w (81.3 cm X 167.6 cm) rectangular door between exterior, entry and main lock. Each door complete with a 10" (25.4 cm) viewport.
- Six PVHO-1 grade 12" (30.4 cm) diameter windows for maximum visibility of chamber interior (4 main lock, 2 entry lock).
- Attendant has convenient folding jump seats that fold up and out of the way.
- External canty or internal LED lights in main lock and entry lock.
- Provides quiet and comfortable patient experience.
- Designed for attractive and efficient interior and exterior appearance
- Versatile patient seating in fixed, swivel, foldable format
Chairs can easily be adjusted along the length of the chamber
- All seat cushions are hyperbaric rated, easy to maintain & clean thus, minimizes efforts required for infectious disease control.

Specifications

7800 Series

Camber Capacity:

7800 Chamber Series	7806D Main Lock	7806D Entry Lock
Patients, Seated	6	2
Patients, Supine	2	0
Wheel Chair	4	0
Attendants, Seated,	1	2

System Performance:

Pressure Capability	up to 3 ATA (30 psig)	up to 3 ATA (30 psig)
Pressure Capability (optional)	up to 6 ATA (73 psig)	up to 3 ATA (73 psig)
Pressurization Rate	6 psi/min (adjustable)	6 psi/min (adjustable)

Chamber Specifications:

Usable Interior Length	8'-9" (267 cm)	4'-9" (145 cm)
Interior Width	6'-6" (198 cm)	6'-6" (198 cm)
Interior Ceiling Height	5'-9" (175 cm)	5'-9" (175 cm)
Overall Length		14'-4" (467 cm)
Overall Weight		Approx. 15,800 lbs. (7,167 kg)

Hyperbaric System Includes:

Air Pressurization & Ventilation System	Air Plant with dual oil-less compressors. PLC Based profile controls to automatically pressurize & maintain depth at desired ventilation rate. Manual (back-up) controls for pressurization & ventilation.
Breathing Gas System (BIBS)	All patient stations support masks, hoods and nebulizers. Support hoods/masks for attendant station provided. Eliminates uncomfortable & expensive demand masks. Patient hoods/masks work normally with chamber at surface pressure. Automatically switches off oxygen if fire system is activated. High-pressure back-up oxygen and breathing air and specialty gas manifolds. BIBS operate on standard 50 psig hospital oxygen supply system.
Fire Suppression System	Deluge system and hand lines designed per NFPA 99 requirements. Bypass system installed so deluge can be tested without wetting chamber interior. Deluge & handlines are independently operated systems. Potable water via handline system.
Communication System	Wireless primary with back-up sound powered phone.
AC System (optional)	Uses building hot and cold water (if available).
Gas Analysis System	Real time oxygen analysis during treatment in main & entry lock.
Patient Entertainment (optional)	LCD/LED TV & CD/DVD-Blue Ray player with amplifier/speaker system in main lock.
Pass-through lock	Pass through lock is provided in main lock.
Video Monitoring (optional)	Provides real time video monitoring of each lock.

Additional options available on request.

Options may be easily added or removed to improve functionality or meet budget needs.

*All PCCI Hyperbaric Systems are designed to fully meet current editions of all applicable codes including: NFPA 99: "Health Care Facilities" Chapter 14, 2012, "Hyperbaric Chambers"
ASME PVHO-1; "Safety Standards for Pressure Vessels for Human Occupancy" (latest edition)
ASME Section VIII, Division 1, "Unfired Pressure Vessels" (latest edition)*

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