



## Dual Lock Hyperbaric Chamber

*The 7200D Series of multiplace chambers are designed for clinical hyperbaric therapy applications including those involving non-saturation decompression exposure.*

*The dual lock design allows for easy access to the chamber, and can be provided with rectangular or round doors per customer requirement.*

*These chambers are designed for use when space is at a premium but an entry lock is desired.*

*This popular system is our most economical system as it provides comfortable patient experience and quality care at an exceptional value.*

*The 7200D Series is available in two sizes. The 7200D is designed for 2 adults and 2 children/ 2 adults for treatment. The 7200D is designed for 3 adults and 3 children/3 adults for treatment.*

### Notable features of a Reimers Systems Dual-Lock Multiplace Hyperbaric System

- Exterior main door is available with rectangular 30" w X 60" h (77 cm X 152 cm) or round 30" (77 cm) diameter door.
- Round door can be equipped with NATO flange, if needed to connect to portable chamber.
- Entry lock to main lock bulkhead has 32" (81 cm) round door.
- (Six) PVHO grade windows in main lock for maximum visibility of chamber interior. (Two) PVO Grade windows in entry lock.
- 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, fold-able 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.
- Attendant has convenient folding jump seats that fold up and out of the way. (option available upon request)
- Air conditioning & carbon dioxide scrubber. (option available upon request)

# Specifications

# 7200 Series

## Camber Capacity:

### 7204 D or 7206 D Chamber Series

	MAIN LOCK	ENTRY LOCK
Patients Seated	4	1
Patients, Supine	1	0
Attendant, Seated	1	1

## System Performance:

	Max Operating	Designed
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 6 ATA (73 psig)
Pressurization Rate	0-5 psi/min (adjustable)	0-5 psi/min (adjustable)

## Chamber Specifications:

Useful Interior Length	11'-0" (335 cm)	4'-0" (122 cm)
Interior Width	6'-0" (183 cm)	6'-0" (183 cm)
Interior Ceiling Height	5'-8" (173 cm)	5'-8" (173 cm)
Overall Length		15'-6" (409 cm)
Overall Weight (outfitted)		Approx. 9,000 lbs. (4,000 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 are 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	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.
Medical Suction	Support for standard patient medical suction devices are provided in all locks.

### **Additional options available on request.**

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

*All Reimers Systems 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 I, "Unfired Pressure Vessels" (latest edition)*

300 North Lee Street • Suite 201  
Alexandria, Virginia 22314 USA  
email • Reimersdiv@pccii.com

Telephone +1-703-684-2060  
Business FAX +1-703-684-5343

