

BARA-MED[®] Cylindrical

MULTIPLACE HYPERBARIC CHAMBERS

Safe, Medically Effective HBOT Therapy

The cylindrical Multiplace Chambers are designed to provide safe and effective clinical hyperbaric oxygen therapy and treatment of diving accidents. The chambers and all subsystems meet or exceed engineering design and fabrication standards as required by ASME PVHO-1 and NFPA 99, Chapter 20, Health Care Facilities.

Treatment for Multiple Patients

As an example, our 6/2/6 and 12/2/6 two-compartment, six-ATA systems are configured to provide treatment for up to six or twelve seated patients, respectively. The 6/2/6 system can be converted to hold two supine patients, and the 12/2/6 system can convert to hold four supine patients in the main compartment. The entry compartment can act as a two-patient extension of the main compartment or as a personnel transfer lock.

Comfortable Accommodation, Easy Access

A large internal diameter and rectangular doorway into the main compartment provide comfortable accommodation and easy access for patients and staff. The furnishings of the chambers, including seats and bunks, can be quickly changed out to allow for efficient customization of the chamber interior to meet treatment requirement.

Accurate, Reliable, and Reproducible

ETC chambers utilize Windows[®] based hyperbaric control software on industrial grade computers to provide accurate, reliable, and reproducible treatment. An important feature to the treatment program is the SMOOTH-RIDE[™] compression protocol. Independent research has shown that the SMOOTH-RIDE[™] compression profile reduces complications with middle ear barotrauma, by two-thirds.¹

Specialized Equipment Support

As the user desires, ETC multiplace chambers can be outfitted to accommodate the patient monitoring and support options necessary to treat critical care patients. Specialized equipment, such as that for transfer under pressure, can also be provided.

¹ Zwart BP. The "smooth ride" profile: Development, implementation, and evaluation of a hyperbaric chamber descent and ascent based on a constant rate of volume change with time. Davis Hyperbaric Laboratory Report, Brooks AFB, Texas, 1998.



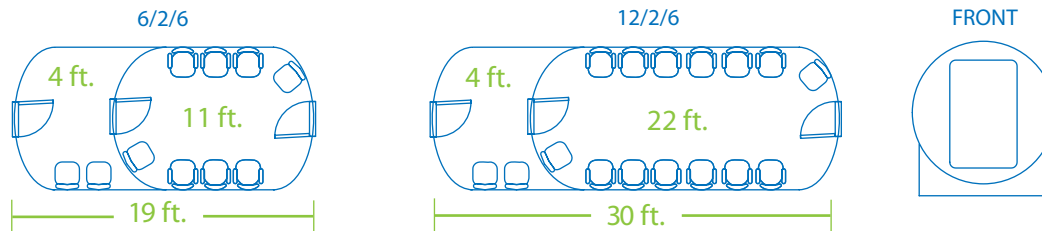
GENERAL SPECIFICATIONS:

	BARA-MED® 6/2/6	BARA-MED® 12/2/6
Seated Patient Capacity, Main Compartment	Six patients	Twelve patients
Supine Patient Capacity, Main Compartment	Two patients	Four patients
Seated Patient Capacity, Entry Compartment	Two patients	Two patients
Maximum Operating Pressure	73.5 psig / 6 ATA / 607.95 kPa	73.5 psig / 6 ATA / 607.95 kPa
Approximate Overall Length	19 ft (5791 mm)	30 ft (9144 mm)
Approximate Main Compartment Internal Length	11 ft (3353 mm)	22 ft (6706 mm)
Approximate Entry Compartment Internal Length	4 ft (1219 mm)	4 ft (1219 mm)
Operating Temperature Range	0°C to 52°C (32°F to 125°F)	0°C to 52°C (32°F to 125°F)
Internal Diameter	96 inch (2438 mm)	96 inch (2438 mm)
Rectangular Door	3 ft x 6 ft (914 mm x 1829 mm)	3 ft x 6 ft (914 mm x 1829 mm)
Round Doors	30 in (762 mm)	30 in (762 mm)
Medical Lock	12 in ID x 18 in L (305 mm x 457 mm)	12 in ID x 18 in L (305 mm x 457 mm)
Number of Viewports, Main Compartment	4 (2 each side)	6 (3 each side)
Number of Viewports, Entry Compartment	2 (1 each side)	2 (1 each side)
Viewport Clear Viewing Diameter	9 in (229 mm)	9 in (229 mm)
Camera Port, Main Compartment	1 each, 4 in (102 mm) clear viewing diameter	1 each, 4 in (102 mm) clear viewing diameter
Fire Suppression System Compliance	NFPA 99, Chapter 20, 2005 Edition	NFPA 99, Chapter 20, 2005 Edition
Communications System	Primary electric system, sound powered telephone	Primary electric system, sound powered telephone
Optional Entry Compartment Sanitary System	Sink and chemical toilet	Sink and chemical toilet

Custom sizes and configurations available.

- 6 ATA • 3 compartment chambers • Hypo/Hyperbaric chamber combination • European Standards

Please contact your ETC representative for more information.



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