

BARA-MED[®] Rectangular

MULTIPLACE HYPERBARIC CHAMBERS

Safe, Effective Therapy

The ETC Models 6/2/3R and 12/2/3R are designed as 3 ATA chamber systems to provide safe and effective clinical hyperbaric oxygen therapy. These chambers, including all subsystems, components, and ancillary support systems, meet or exceed stringent hyperbaric engineering design and fabrication standards for health care facilities as required by ASME PVHO-1 and the National Fire Protection Association standards for healthcare facilities (NFPA 99, Chapter 20).

Comfortable and Familiar to Patients

ETC has designed these chambers to be an extension of the hospital's clinical environment and has incorporated a variety of features to ensure their ease of use. The rectangular cross section means that chamber width and height are not restricted by each other. This shape is more comfortable and familiar to patients than a cylindrical vessel – it simply appears to be another room to them.

Convenient Ingress and Egress

In addition, the rectangular shape ensures a wide floor, providing patients with space to recline and elevate their legs while ensuring that staff has ample space to move around the chamber. The spacious interior ensures that patients and staff do not have to stoop or bend uncomfortably during the treatment process, and the large rectangular main entry way ensures that ingress and egress are convenient.

Quickly Customize Layout to Suit Patients

The easily configurable internal furnishings (i.e., seats and bunks) allow facility personnel to quickly customize chamber layout to suit the types of patients treated – from mobile outpatients who can walk into the chamber to critical care patients that must be wheeled into the chamber.

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[™] pressure change technology. Independent research has shown that SMOOTH-RIDE[™] compression profiles reduce complications with middle ear barotrauma, by two-thirds.¹

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:

	6/2/3R	8/2/3R	12/2/3R
Seated Patient Capacity, Main Compartment	Six patients	Eight patients	Twelve patients
Supine Patient Capacity, Main Compartment	Two patients	Two patients	Four patients
Seated Patient Capacity, Entry Compartment	Two patients	Two patients	Two patients
Maximum Operating Pressure	29.4 psig / 3 ATA	29.4 psig / 3 ATA	29.4 psig / 3 ATA
Approximate Overall Length	21 ft (6400 mm)	24 ft (7315 mm)	34 ft (10363 mm)
Approximate Main Compartment Internal Length	13 ft (3962 mm)	16 ft (4876 mm)	26 ft (7925 mm)
Approximate Entry Compartment Internal Length	6 ft (1829 mm)	6 ft (1829 mm)	6 ft (1829 mm)
Approximate Internal Width (wall to wall)	10 ft (3048 mm)	10 ft (3048 mm)	10 ft (3048 mm)
Approximate Internal Height (floor to false ceiling)	7 ft (2134 mm)	7 ft (2134 mm)	7 ft (2134 mm)
Number of Viewports, Main Compartment	4 (2 each side)	4 (2 each side)	6 (3 each side)
Number of Viewports, Entry Compartment	2 (1 each side)	2 (1 each side)	2 (1 each side)

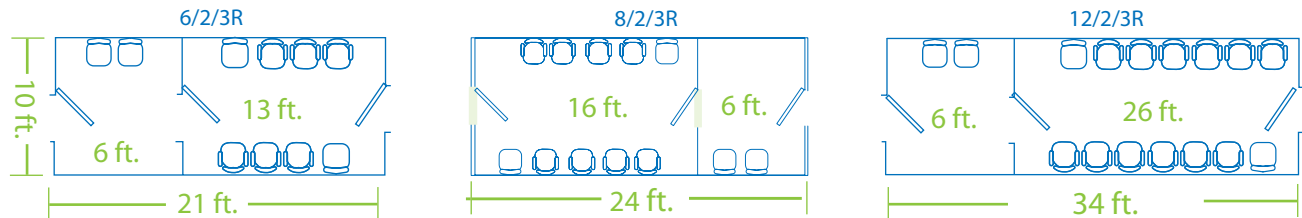
ALL 3 CHAMBERS ENGINEERED WITH THE FOLLOWING:

Operating Temperature Range	(32°F to 125°F) 0°C to 52°C
Rectangular Doors	3 ft x 6 ft (914 mm x 1829 mm)
Medical Lock	12 in ID x 18 in L (305 mm x 457 mm)
Viewport Clear Viewing Diameter	9 in (229 mm)
Camera Port, Main Compartment	1 each, 4 in (102 mm) clear viewing diameter
Fire Suppression System Compliance	NFPA 99, Chapter 20, 2005 Edition
Communications System	Primary electric system, sound powered telephone
Optional Entry Compartment Sanitary System	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.



125 James Way Southampton, PA 18966 USA

P: 215.355.9100 F: 215.357.4000

www.etcBioMedical.com