



3300HM HYPERBARIC CHAMBER

COMPACT EXCELLENCE, UNCOMPROMISED QUALITY

SECHRIST INDUSTRIES, INC

4225 E. La Palma Ave.
Anaheim, CA, 92807

E : info@sechristusa.com

W : www.sechristusa.com

P : +1 714-579-8400

3300HM HYPERBARIC CHAMBER

EASE OF USE MEETS PATIENT COMFORT

Introducing the Sechrist 3300HM Hyperbaric Chamber: Redefining Hyperbaric Therapy with Innovation and Comfort. This state-of-the-art chamber integrates the trusted quality, reliability, and efficiency synonymous with Sechrist's H-Series monoplace models, now enhanced by a compact, streamlined design. Manufactured to meet all ASME, PVHO, and NFPA codes and standards, the 3300HM's groundbreaking Patient Step-in Entry feature revolutionizes patient accessibility, eliminating the necessity for a hyperbaric stretcher.

Every Sechrist hyperbaric chamber undergoes a rigorous safety inspection, overseen and upheld throughout the manufacturing process, ensuring unparalleled safety standards. Sechrist's commitment to excellence extends beyond manufacturing, with comprehensive technical and customer support services available to maintain the chamber's quality throughout its lifespan.

Designed with patient comfort as a major priority, the Sechrist 3300HM Hyperbaric Chamber boasts a spacious interior, effortless patient entry and exit without the need for a stretcher, and compatibility with an integrated optional entertainment system, makes it the forefront of hyperbaric medicine innovation.



FEATURES

- **Innovative Patient Step-in Entry:** Designed for maximum accessibility, this feature allows patients to effortlessly enter and exit the chamber, eliminating the need for a hyperbaric stretcher.
- **Spacious Interior Design:** Offering a generous 33-inch interior diameter, the chamber comfortably supports patients weighing up to 500 lbs.
- **Advanced Emergency Vent Systems:** Equipped with both a Standard and the Sechrist exclusive Automatic Emergency Vent System, enabling decompression in less than 120 seconds for enhanced safety.
- **Versatile Compression Options:** Flexibility to compress the chamber using either Medical Grade Oxygen or Air from either oxygen concentrators* or medical air compressors, catering to diverse medical requirements.
- **User-Friendly Breathing Systems:** Featuring an easy-to-use Patient Air-Break Breathing System and a Patient Air/Oxygen Delivery System for patient comfort and care.
- **Flexible Control Panel Placement:** The control panel can be positioned on either side, offering Standard or Reverse configurations to suit different facility layouts.
- **Oxygen Conservation Technology:** Adjustable ventilation rates ranging from 50LPM to 150LPM, ensuring efficient use of resources.
- **Built-in Antimicrobial Product Protection:** All painted surfaces of Sechrist 3300H Model Hyperbaric Chambers now include antimicrobial protection, significantly inhibiting the growth of odor and stain-causing bacteria, molds, mildews, and fungi. This feature also reduces microbial build-up, helps conceal fingerprints with proprietary techniques, and provides continuous protection against microbes.
- **Private Two-Way Communication System:** Convenient communication system allows the operator and patient to privately communicate during the hyperbaric treatment.
- **180 Degree Viewing Capability:** Sechrist proprietary acrylic cylinder provides unobstructed viewing of the patient's face and upper body.
- **Optional Universal Entertainment Mounting System:** Enhance the patient experience with options to watch television, movies, and listen to music, adding entertainment to therapy sessions.

* Oxygen Concentrators must provide minimum 95% pure Medical O2 to the patient.

Convenient private two-way communication system

Precision controls and display for easy viewing by a technician

180 degree Patient Viewing capability through clear acrylic cylinder

Spacious interior for patient comfort during treatment



Step-in Design for easy patient entry/exit

Advanced Emergency Vent Systems including exclusive Automatic Emergency Vent System

Built-in Antimicrobial Product Protection on all painted parts

These features collectively position the Sechrist 3300HM Hyperbaric Chamber at the forefront of hyperbaric technology, emphasizing patient safety, comfort, and an enhanced therapeutic experience.

SPECIFICATIONS FOR 3300HM HYPERBARIC CHAMBERS

3300HM MONOPLACE HYPERBARIC CHAMBER TECHNICAL SPECIFICATIONS	
INTERNAL DIAMETER	32.5 inch (82.6 cm) - Head-end
INTERNAL LENGTH	90.0 inch (228.6 cm)
EXTERNAL LENGTH	100.0 inch (254 cm)
EXTERNAL HEIGHT	48.0 inch (121.9 cm)
EXTERNAL WIDTH	36.0 inch (91.4 cm)
CHAMBER WEIGHT	1,300 lbs (590 kg)
SUPPORTED PATIENT WEIGHT	500 lbs maximum (227 kg)
MAXIMUM OPERATING PRESSURE	15.0 psig, 2.02 ATA, 204.77 kPa at Sea Level. Higher than 15.0 psig for altitude compensation is allowable but not to exceed MAWP.
OPERATING PRESSURE RANGE	1.5 to 15.0 psig
RATE SET RAGE	1.0 to 2.0 psig/minute
VENTILATION FLOW RATE	50 to 150 lpm with the chamber pressure at 15.0 psig
SUPPLY PRESSURE	50.0 psig to 70.0 psig (3.5 to 4.9 kg/cm ² , 344.8 to 482.7 kPa)
EMERGENCY VENT RATE	15.0 psig to 0.0 psig in less than 120 seconds
RELIEF VALVES	One set at 17.0 psig

CODES & STANDARDS

Sechrist Industries' designs, manufacturing, services and installation systems are certified to ISO 13485 Quality Assurance Standard for Medical Devices.

In addition, Sechrist Industries' products are designed, manufactured, tested and installed, in accordance with the following codes and standards:

- ASME PVHO-1, Safety Standards for Pressure Vessel for Human Occupancy
- ASME Boiler and Pressure Vessel Code, Section VIII, Division 1
- NFPA 99, Chapter 14 Health Care Facilities
- Registered with the National Board of Boiler & Pressure Vessel Inspectors
- U.S. FDA Requirements, 21 CFR, Part 820
- Certified to meet IEC 60601-1 including UL 60601-1 with U.S. Deviations

SECHRIST INDUSTRIES, INC.

4225 E. La Palma Ave. • Anaheim, CA 92807 • USA

Phone: 714-579-8400 • Fax: 714-579-0814

1-800-SECHRIST (732-4747)

www.SechristUSA.com

info@sechristUSA.com