

DR.BOSS®

HP800 Hyperbaric Oxygen Chamber

One chamber.
Every stage of wellness.



HOME



GYM



CLINIC



WELLNESS
CENTER

www.drfuji.com

How It Works & Benefits

How HBOT Works



Our hyperbaric chamber uses mild pressure 1.5ATA and high-purity oxygen ($\geq 93\%$) to increase oxygen dissolved in your blood plasma. Under pressure, oxygen reaches deeper tissues, stimulates cell repair, reduces inflammation, and promotes natural healing.

“More oxygen to every cell – faster recovery, better health.”

Key Benefits



Boost athletic recovery – reduce muscle fatigue and soreness



Support brain function – improve focus, memory, and sleep quality



Anti-aging & skin health – enhance collagen production and skin radiance



Boost athletic recovery – reduce muscle fatigue and soreness



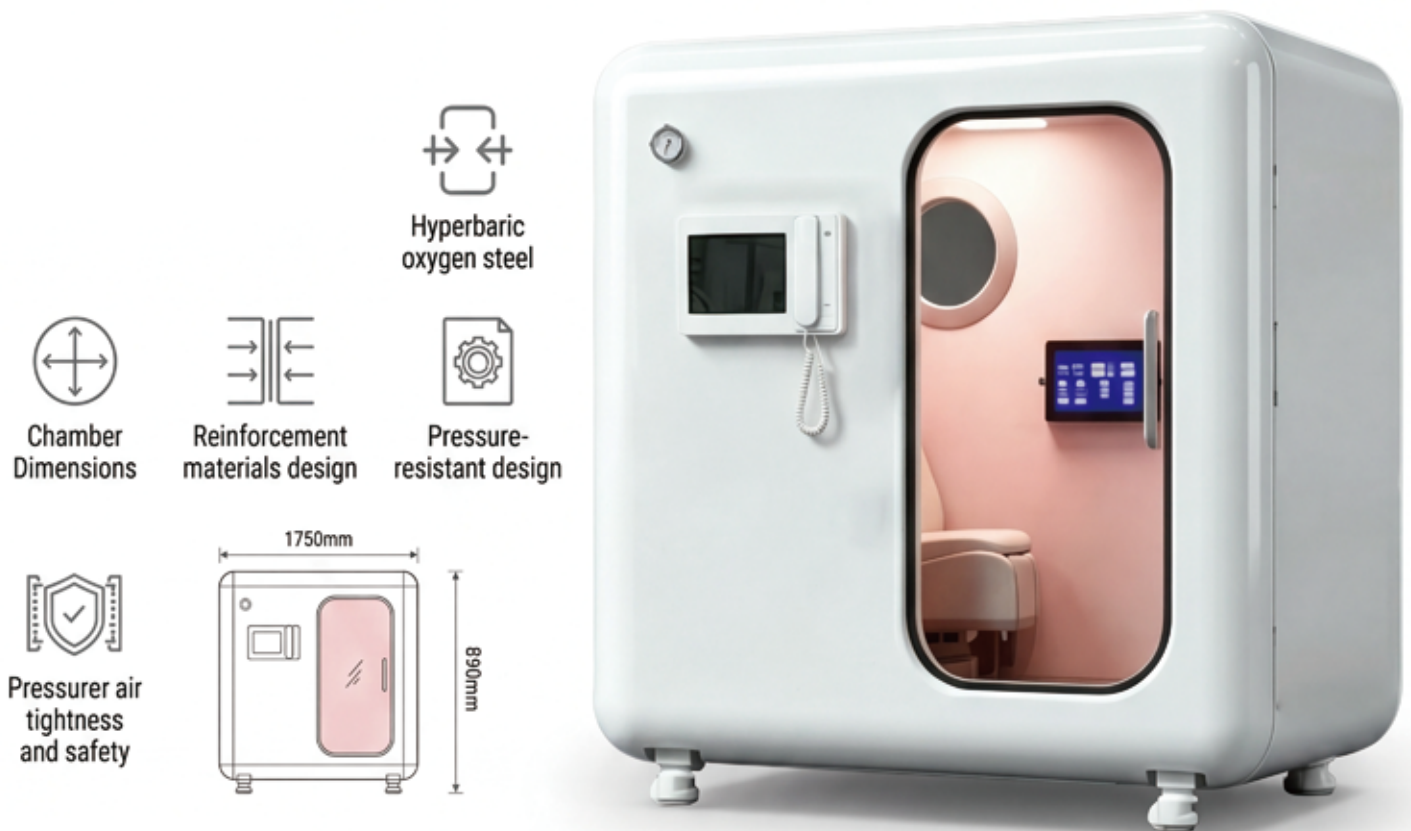
Boost athletic recovery – reduce muscle fatigue and soreness



Boost athletic recovery – reduce muscle fatigue and soreness

Product Overview

This product is a premium household micro-pressure hyperbaric oxygen chamber, combining comfort and safety. It is suitable for medical institutions, rehabilitation centers, and high-end wellness venues.



Chamber General Information

Chamber Dimensions

- **PRESSURE:** 1.3-1.5ATA
- **Interior dimensions:** 1750mm (length) × 890mm (width) × 1800mm (height)
- **Floor area:** approx. 1.56 m²
- **Customizable dimensions:** Other specifications available upon request

Chamber Materials

- **Main material:** Carbon steel (high strength and stability)
- **Chamber structure:** Double-layer metal composite material + interior soft decoration
- **Reinforcement materials:** 6.3# channel steel and 10# channel steel, effectively enhancing the stability of the chamber structure
- **Pressure-resistant design:** Square frame structure with new insulation wall panels to ensure air tightness and safety

Weight

- **Chamber weight:** approx. 900 kg (including packaging)
- **Main unit weight:** approx. 100 kg

Chamber Painting

The chamber surface is sandblasted and then finished with Class A baking paint. This process significantly improves paint adhesion and corrosion resistance, ensuring the product remains like new during long-term use. Custom colors are available.

Chamber Door

Door Dimensions

The light-transmitting dimensions of the door are as follows: [left blank in original – to be specified].

Door Material and Structure

- **Door material:** Acrylic – durable and with good light transmission
- **Door structure:** Sliding pressure-resistant sealed door, installed via guide rail assembly for efficient sealing and smooth opening/closing

Interior Configuration



Seat type: High-back, angle-adjustable seat, ergonomic design.

Seat adjustment: Backrest angle can be arbitrarily adjusted from sitting to lying flat, stepless adjustment to meet different user postures.

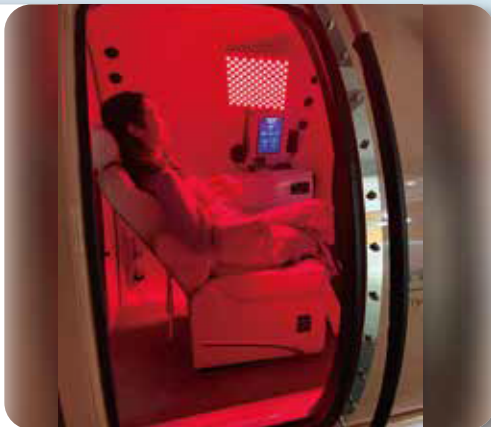
Seat material: Flame-retardant fabric, complying with fire safety requirements.



Floor material: Wooden multi-layer board – environmentally friendly, 100% formaldehyde-free

Floor color: Optional wood grain, stone grain, or carpet pattern; custom colors also available

Floor characteristics: Waterproof, moisture-proof, anti-slip, wear-resistant, easy to clean and disinfect; surface with anti-slip texture to ensure safety during use



Lighting method: Embedded LED cold light source external lighting – luminaires are completely isolated from the cabin interior, eliminating high-voltage electrical hazards

Lighting characteristics: Uniform illumination, no dark corners, low heat generation, small openings on the chamber, easy and safe installation

Emergency lighting: Complete emergency lighting system and emergency intercom/call system inside the cabin



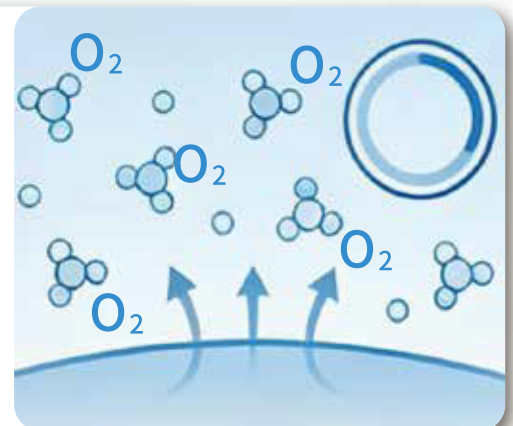
TV installation: 24V low-voltage television – ensures that high-voltage components do not enter the cabin, guaranteeing safety

Types of playable content: HD digital TV programs, DVD/ Blu-ray movies, Streaming content

Can be used with the cabin sound system and personal headphones for an independent audio-visual experience.



The interior walls are finished with environmentally friendly PU decorative wall panels, which are naturally breathable, non-toxic, and harmless, creating a comfortable and healthy cabin environment. The decoration style can be customized according to customer requirements.

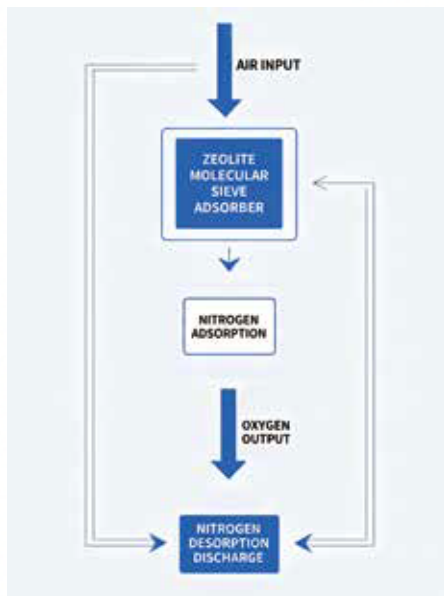


The ambient oxygen diffusion concentration inside the cabin is controlled at $\leq 30\%$, ensuring therapeutic effect while maintaining fire safety.

Oxygen Inhalation System

Advanced Medical Technology

Oxygen Concentrator (Molecular Sieve Principle)



- **Type:** Medical molecular sieve oxygen concentrator (Pressure Swing Adsorption – PSA technology)
- **Working principle:** Uses zeolite molecular sieves as adsorbent. Under pressure, nitrogen in the air is selectively adsorbed, while the unadsorbed oxygen is enriched as product oxygen. When pressure is released, the adsorbed nitrogen is desorbed and vented. This cycle produces high-purity oxygen.
- **Oxygen flow rate:** ≥ 10 L/min
- **Oxygen concentration:** $\geq 93\%$, typically $95\% \pm 3\%$

Oxygen Inhalation Methods

This product supports dual-mode oxygen inhalation to meet different therapeutic needs:



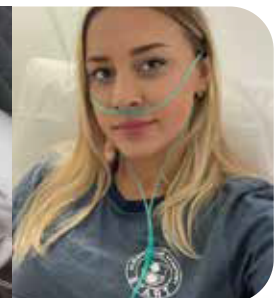
Diffusion oxygen inhalation:

Oxygen is automatically diffused into the cabin without the need for a mask, creating an oxygen-enriched environment suitable for mild conditions or relaxation.



Mask oxygen inhalation:

Equipped with independent mask oxygen terminals for more concentrated and efficient oxygen delivery, suitable for scenarios requiring high-concentration oxygen therapy.



Environment and Air Conditioning

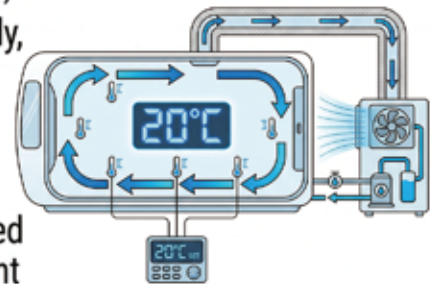
Air Conditioning System

Type: High-end water-cooled air conditioner

Working principle: Uses purified water as a cooling medium for heat exchange, replacing traditional refrigerants. The indoor unit is powered by 24V low-voltage DC power, fundamentally eliminating refrigerant leakage and electric shock risks.

Operating temperature: 20°C (constant temperature setting, adjustable)

Characteristics: Safe, quiet, comfortable, stable, environmentally friendly, and does not reduce cabin humidity.



Internal Temperature

The constant temperature inside the cabin is 20°C, precisely controlled by the water cooled air conditioner to ensure a comfortable treatment experience.

Mobility and Independence

Mobility Feature

The bottom of the chamber is equipped with mobile casters / swivel wheels, along with limiters and protection mechanisms, facilitating flexible movement and repositioning of the chamber while maintaining stable fixation during operation. The main unit can also be optionally equipped with a mobile base for complete freedom of movement.



Standalone Configuration

This product is a complete standalone unit – no additional civil works or complex external piping connections are required. All systems (including air compressor, oxygen concentrator, and cooler) are integrated, requiring no on-site installation. It can be used immediately after being plugged in.

Power Supply Parameters

- **Power supply voltage:** AC 220V / 110V, 50Hz / 60Hz (customizable)
- **Input power:** approx. 1600W (varies slightly depending on configuration)
- **Power protection:** Isolated transformer power supply to ensure system safety and reliability
- **Control method:** Touchscreen digital display control panel, intelligent one-key operation

Safety Certifications and Quality Assurance

Safety Testing

Chamber material testing: Third-party testing reports available upon request

Electrical safety: Electrical components have passed CE certification, complying with EU safety standards

Air quality testing: Third-party testing reports for indoor air quality available upon request

Safety Protection Features

- Dual protection: manual safety valve + automatic safety valve
- Interior touch-type emergency call system with two-way communication to the outside
- Three high-precision oxygen analyzers for real-time monitoring of oxygen concentration in the cabin
- Dual oxygen supply safety system





Product

Product Parameter Summary Table

Parameter	Specification
PRESSURE	1.3-1.5ATA
Chamber dimensions	1750mm (L) × 890mm (W) × 1800mm (H)
Occupancy	1 person
Chamber material	Carbon steel + double-layer metal composite
Chamber weight	approx. 900 kg
Painting finish	Sandblasting + Class A baking paint
Door material	Acrylic
Seat	High-back adjustable (sitting to flat), flame-retardant fabric
Wall decoration	Environmentally friendly PU
Floor	Anti-slip floor (customizable color/pattern)
Lighting	Embedded LED cold light source external lighting
Television	Brand customizable
Playable content	TV / DVD / streaming media / music
Oxygen concentrator	Molecular sieve PSA, 10 L/min, 93%+ oxygen concentration
Oxygen inhalation modes	Diffusion + mask
Air conditioner	Water-cooled, constant 20°C
Mobility	Bottom casters, movable
Standalone	Fully standalone, plug-and-play
Power supply	AC 220V/110V, 600–1100W
Safety certification	CE certification

Note: The above parameters are reference values for standard configurations. Final specifications may vary depending on custom requirements. Please contact the manufacturer to confirm final technical parameters.

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