

# Micro Hyperbaric Oxygen Chamber

Bayint HBOT

# CATALOGUE

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02

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Bayint Product Introduction

# Shenzhen Beintek Technology Co., Ltd. (Bayint)

**(Bayint)** is a health technology company based in Shenzhen, with production facilities in both Shenzhen and Huizhou. We focus on developing oxygen-based wellness solutions and tools for chronic disease management.

With over 40 patents, our R&D team drives innovation across a wide product range, including micro hyperbaric oxygen chambers, smart physiotherapy devices, sauna and wellness cabins, telemedicine kiosks, medical computer carts, body composition analyzers, self-service health check-up kiosks, and more.

We are certified to **ISO 13485** and **ISO 9001**, ensuring full compliance with medical-grade quality and safety standards.

## **Our Promise**

*"Your Chronic Disease Care Partner"* reflects our mission: improving health outcomes through early detection, prevention, and intelligent, accessible technologies.

## **Working Together**

We support healthcare providers and distributors with practical and scalable solutions tailored to real-world needs.

## **Responsible Innovation**

We're committed to health equity and sustainability. All products are designed for usability and manufactured to the highest ethical standards.



# 01

## Hyperbaric Oxygen Therapy Explanation

# The proportion of oxygen in life

Oxygen is the source of life, the cornerstone of life on Earth, and an essential element for sustaining human life.

Daily breathing

20000 TIMES

Daily inhalation of  
oxygen

0.75KG

The main component of the  
human body is oxygen

61%

Hyperbaric oxygen therapy is a treatment method that involves inhaling pure oxygen or high concentration oxygen in a closed and high-pressure environment above normal atmospheric pressure. In this high-pressure environment, the solubility of oxygen increases, allowing more oxygen to reach body tissues



According to statistics from the China Hyperbaric Oxygen Medical Information Center, as of 2021, there are a total of 2107 hospitals in China (including Hong Kong, Macao, and Taiwan) equipped with medical hyperbaric oxygen chambers. There are more than 5600 hyperbaric oxygen chambers and the number of patients treated in various parts of the country, ranking first in the world. Hyperbaric oxygen therapy has become one of the commonly used clinical methods.

## What is hyperbaric oxygen therapy

Hyperbaric oxygen therapy, also known as hyperbaric oxygen therapy (HBOT), is described in the compilation of the 1999 annual meeting of the International Society of Underwater and High Pressure Medicine's Hyperbaric Oxygen Therapy Professional Committee as follows: the process of treating diseases by inhaling 100% oxygen in an environment above one atmosphere is called hyperbaric oxygen therapy. In clinical practice, patients often do not receive 100% oxygen, which we also refer to as hyperbaric oxygen therapy. Hyperbaric oxygen therapy should be carried out under the guidance of a specialist, and different oxygen concentrations and methods should be selected according to the patient's condition.

## Application of hyperbaric oxygen therapy in rehabilitation hospitals

Hyperbaric oxygen therapy (HBOT) is the main or auxiliary treatment for many diseases, the main treatment for carbon monoxide poisoning, decompression sickness gas embolism and other acute and critical diseases, as well as an important treatment for ischemic diseases, infectious diseases, nervous system diseases and many other diseases. This article combines the research progress of hyperbaric oxygen therapy to explain its mechanism, indications, and application in high-quality rehabilitation mode.

## Oxygen for the human body

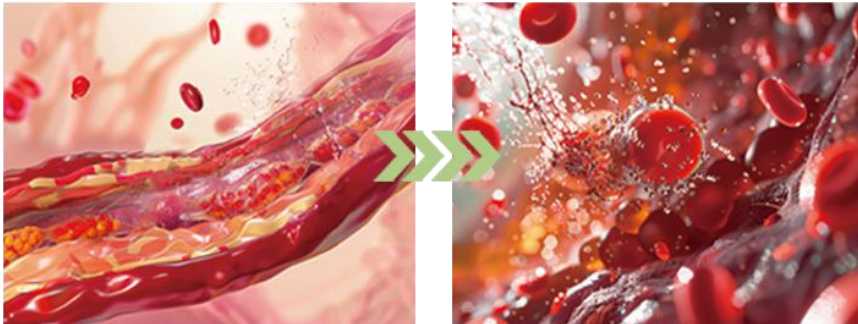
All tissues in the human body rely on a continuous supply of oxygen. After oxygen enters the lungs, the blood is responsible for delivering it to cells. Mitochondria in cells rely on oxygen to generate energy, which enables our body to function normally and maintain life activities. In the blood, oxygen is carried in two forms: one bound to hemoglobin and the other dissolved in plasma. Under normal circumstances, hemoglobin carries up to 99% of oxygen, with hemoglobin reaching 94-99% oxygen saturation. However, there is very little oxygen dissolved in plasma, such as when inhaling pure oxygen or in high-pressure environments, the partial pressure of oxygen dissolved in the blood can be significantly increased.

## Introduction to Hyperbaric Oxygen Therapy

Hyperbaric oxygen therapy refers to the treatment method of inhaling pure oxygen in an environment above one atmosphere. At sea level, the partial pressure of oxygen we inhale is about 160mmHg. When it reaches the alveoli, the partial pressure of oxygen is about 110mmHg. As it is transported, the partial pressure of oxygen continuously decreases, and when it reaches the mitochondria, the partial pressure of oxygen can drop to 7.5-11mmHg. In 2022, Finnish scholars summarized the oxygen partial pressure under different pressure conditions, as shown in the following figure. Increasing the oxygen partial pressure (such as inhaling pure oxygen and in high-pressure environments) can significantly increase the amount of oxygen dissolved in plasma, from 7.5-11mmHg to 80-125mmHg. The increased oxygen partial pressure in the blood can enhance mitochondrial energy metabolism, improve and maintain cellular function.

## Increase the partial pressure and concentration of oxygen in the body

Increase the partial pressure of oxygen in the blood  
Enhance the vascular transport and terminal delivery capacity of oxygen



Under standard atmospheric pressure -  
vascular chlorine content  
(atmospheric chlorine concentration)

Under high-pressure gas  
environment - vascular gas  
(high concentration gas)

## Hyperbaric oxygen therapy increases dissolved oxygen in the blood

There are two forms of oxygen in the blood: hemoglobin bound oxygen and dissolved oxygen in plasma.

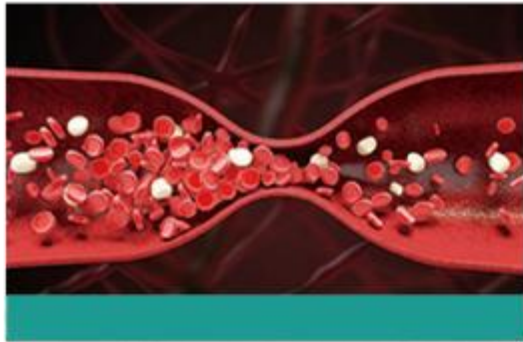
Combined oxygen: Hemoglobin in red blood cells combines with oxygen, and its carrying capacity can be expressed by blood oxygen saturation. Arterial blood oxygen saturation is 95% -98%, and venous blood is 75%; Due to the relatively stable hemoglobin content, oxygen saturation is relatively stable in healthy individuals.

Dissolved oxygen: The amount of oxygen dissolved in plasma is much smaller than bound oxygen, and dissolved oxygen is proportional to pressure. In some areas, capillaries are narrow and blood cells cannot pass through, relying only on dissolved oxygen in the plasma. In summary, by increasing the atmospheric pressure of the environment in which the human body is located and the oxygen concentration in the inhaled air, the overall oxygen supply can be improved.

An oxygen rich environment can inhibit anaerobic microorganisms.

## Micro hyperbaric oxygen chamber

### Functional principle



## What is hyperbaric oxygen?

Inhaling pure oxygen or high concentration oxygen in an environment above one atmosphere (1.0 ATA) is called hyperbaric oxygen, and the method of using hyperbaric oxygen to treat diseases is called hyperbaric oxygen therapy.

## Israel prospective trial - reverse aging of high-pressure oxygen cells!

In 2019, the Shamir Laboratory Center in Israel conducted a continuous 90 day hyperbaric oxygen test on 35 elderly people, and the final sample average result was:

20%

Cell telomere elongation

37%

Decreased aging cells

25<sup>YEAR</sup>

Cellular rejuvenation

35 participants in the  
experiment  
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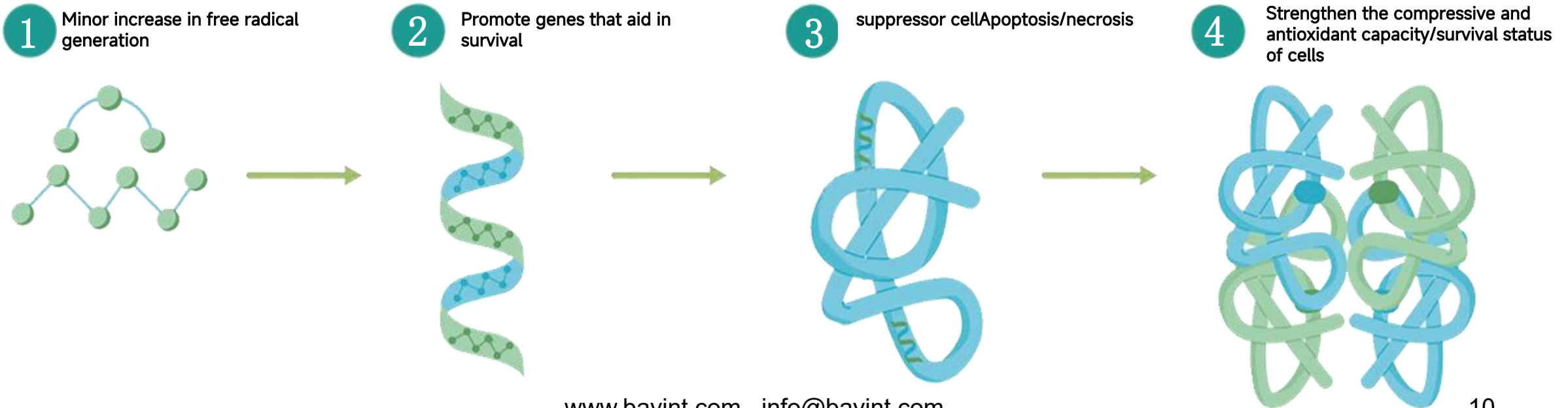
The experiment lasts  
for 90 days  
[info@bayint.com](mailto:info@bayint.com)

Sample age  $\geq$  60  
years old

Treatment frequency  
60 times/continuous

# The stimulating effect of hyperbaric oxygen therapy enhances antioxidant capacity

A small amount of reactive oxygen species can awaken the expression of stress and antioxidant genes in the body, enhance the ability of cells to eliminate free radicals, and improve cell survival status. After the oxygen chamber treatment is completed, reactive oxygen species return to normal, but previously induced antioxidants have a longer half-life and can continue to exert protective effects. Persist in periodic use of oxygen chambers, maintain high levels of antioxidants in the body, and repair various oxidative damages faster, which is similar to the stimulating effect of exercise.



Science Journal:  
Hyperbaric oxygen therapy activates VEGF signaling, extending lifespan by 50%



On July 30, 2021, the top international journal Science published a groundbreaking study revealing that enhancing the vascular endothelial growth factor (VEGF) signaling pathway can increase healthy survival and prolong mouse lifespan by up to 50%.

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# Development history of domestic oxygen chambers

In 1954, the Chinese Naval Medical Research Institute built the first saturation pressure chamber, which was the first to use hyperbaric oxygen therapy to treat decompression sickness, pulmonary barotrauma, and hypoxia;

## Initial stage from 1964 to 1973:

Professor Li Wenren from Fujian established the first hyperbaric oxygen chamber and carried out surgical treatment for congenital cardiovascular diseases inside the chamber, achieving great success.

## Construction phase from 1974 to 1982:

Large hyperbaric oxygen chambers have been established in cities such as Shanghai, Nanjing, Guangzhou, Shenyang, and Beijing. In 1982, China formulated the first technical specifications for hyperbaric oxygen chambers.

## Development stages from 1984 to 1993:

In 1989, the national standard GB12130-89 for medical hyperbaric oxygen chambers was formulated.

## Standardization stage from 1994 to 2001:

In 1995, the national standard GB12130-95 was re established and the regulations for the management of medical oxygen chambers were released.

## Stable development stage from 2001 to present:

In 2005, the "Medical Air Pressure Oxygen Chamber" GB12130-2005 was released;

In 2013, there were over 5600 medical hyperbaric oxygen chambers in China, with approximately 30000 employees; In 2021, a total of 2107 hospitals in China were equipped with medical hyperbaric oxygen chambers.

## The difference between household micro hyperbaric oxygen chamber and medical hyperbaric oxygen chamber

| project                      | Medical hyperbaric oxygen chamber                                                                                                                                     | Household micro hyperbaric oxygen chamber     |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Medical Device Certification | Certification of Class II Medical Devices                                                                                                                             | /                                             |
| Number of Boosting Systems   | more than two                                                                                                                                                         | single                                        |
| Pressure value               | 2.0~3.0ATA                                                                                                                                                            | 1.0~1.5ATA                                    |
| Oxygen concentration         | 95%                                                                                                                                                                   | The oxygen concentration is around 93%        |
| scope of application         | Treatment and rehabilitation for various diseases                                                                                                                     | Used for daily health, wellness, anti-aging   |
| Capacity                     | 16-50 people                                                                                                                                                          | 1 person, 2-8 people,                         |
| Oxygen therapy costs         | Registration+physical examination+disposable face mask+treatment fee 600-800/time                                                                                     | electricity bill200-500/time free pricing     |
| Comfort level                | Ordinary seat                                                                                                                                                         | Customized functional sofa                    |
| operator                     | Certified medical staff/installation/maintenance personnel<br><a href="http://www.bayint.com">www.bayint.com</a> <a href="mailto:info@bayint.com">info@bayint.com</a> | No need for dedicated PLC intelligent control |

# Application of hyperbaric oxygen chamber in clinical diseases

At present, there are over a hundred diseases treated with hyperbaric oxygen therapy in clinical practice in China, some of which have become routine treatments, such as CO poisoning, anaerobic bacterial infections, gas embolism, decompression sickness, anesthesia accidents, various hypoxic brain diseases, cerebral infarction, encephalitis, sudden deafness, brain trauma, finger replantation, skin grafting, various burns and scalds, various chronic ulcers, various poisoning, and various consciousness disorders excluding intracranial active bleeding.

## 1. Neurological disorders

1. Headache
2. Acute and chronic cerebral ischemia
3. Alzheimer's disease
4. Parkinson's disease
5. Encephalitis encephalopathy
6. Bone marrow injury

## 2. Internal medicine diseases

1. Diabetes
2. Anaemia
3. r h e u m a t o i d arthritis
4. viral hepatitis
5. ArrhythmiaViral myocarditis
6. peptic ulcer

## 3. Dermatological diseases

1. After plastic surgery
2. Osteoporosis
3. Acne
4. pityriasis rosea
5. herpes zoster
6. psoriasis vulgaris
7. Androgenic

## 4. Respiratory system and infectious diseases

1. chronic obstructive pulmonary disease
2. pulmonary emphysema
3. Pneumoconiosis
4. Necrotic soft tissue infection
5. Refractory fungal infections
6. necrotizing external otitis

## 5. Other disciplinary diseases

1. Depression
2. Sports injuries and training rehabilitation
3. fatigue syndrome
4. Autism spectrum disorder
5. Children's growth, development and disorders
6. Altitude maladjustment syndrome

# 02

## Application of Micro Hyperbaric Oxygen Chamber



People who are prone to physical fatigue



Drunken individuals in social gatherings



Middle aged and elderly population



Sports and fitness population



Overtime, staying up late, insomnia

## Target Users of the Smart Micro Hyperbaric Oxygen Chamber



High altitude border defense population



Student groups currently enrolled



Middle aged and elderly population



Postpartum repair population



## Who Is the Smart Micro Hyperbaric Oxygen Chamber For?

Compared with medical hyperbaric oxygen chambers, civilian hyperbaric oxygen chambers have slightly lower air pressure and oxygen concentration, making them more tolerable for the human body, have a wider range of applications, and are more suitable for long-term use.

# Application of Micro Hyperbaric Oxygen Chamber 1

|                                                                                   |                                                                                   |                                                                                    |                                                                                    |                                                                                      |                                                                                     |                                                                                      |                                                                                     |                                                                                      |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <p>Use a high oxygen chamber to assistPostoperative repair</p>                    |  | <p>Use a high-pressure chamber to assistHis injury rehabilitation</p>              |  | <p>Use a high oxygen chamber to assistIt delays aging</p>                            |  | <p>Use a high oxygen chamber to assistRepair of its old wounds</p>                   |  | <p>Use a high oxygen chamber to assistIt alleviates high reactivity</p>              |
|  | <p>Use a high oxygen chamber to assistIt protects the sound line</p>              |  | <p>Use a high oxygen chamber to assistIts beauty and skincare</p>                  |  | <p>Use a high oxygen chamber to assistIt enhances physical fitness</p>              |  | <p>Using a high oxygen chamber to help alleviate fatigue</p>                        |  |

# Application of Micro Hyperbaric Oxygen Chamber 2

Bayint



Oxygen supplementation for cells  
Repair damaged cells



Fatigue recovery and antidepressant treatment  
Relieve post exercise pain



Cardiovascular and cerebrovascular diseases  
Prevention and physical therapy



Postoperative rehabilitation  
Treatment assisted regulation of chronic diseases



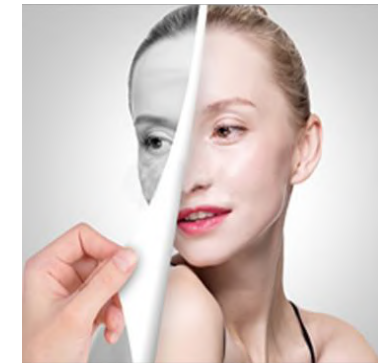
Helping the elderly and weak  
strengthen the body and enhance physical health



Improve sleep quality  
improve memory  
Improve mental state



Promote metabolic cycle  
Enhance the body's regulatory ability



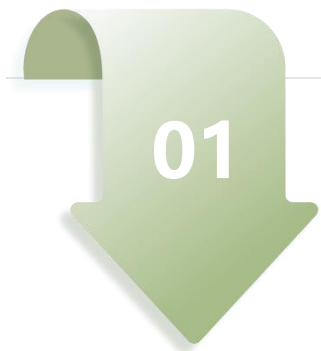
Antioxidant and anti-aging properties  
Immune System

# 03

## Advantages of Bayint products

# Company advantages

Shenzhen Beintek Technology Co., Ltd. is a national high-tech enterprise specializing in the research and development, production, sales, and service of civilian micro hyperbaric oxygen chambers. A manufacturing factory with a complete production management system and over three years of experience in the production of medical device products.



Powerful  
technology&d  
team



Professional  
brandBuilding  
Experience



Professional after-  
sales  
serviceService  
engineer



medical  
equipmentProducti  
on management  
experience



Exact  
QUALITY  
CONTROL



Twenty year  
equipmentProducti  
on experience

# The Eleven Characteristics of Bayint

1

Research and development production-oriented factory, proprietary technology, exquisite quality, three-year warranty.

2

Complete production management system, with three years of experience in medical device production.

3

Operating software: Easy to operate, one click start, intelligent boost, intelligent oxygen supply, lighting control.

4

Built in communication system: real-time internal and external intercom integrated communication system, one click operation - peer explosion-proof communication equipment, walkie talkie.

5

Exclusive fresh air exchange system: 20 minutes of full ventilation to maintain fresh air at all times.

6

Intelligent pressure relief+manual pressure relief: boost speed of 3-5 minutes, release speed of 2 minutes.

7

Air conditioning drainage: Exclusive design of air conditioning external drainage system, fully automatic drainage.

8

Technological optimization and noise reduction processing advantages. Cabin interior  $\leq 45\text{db}$ , cabin exterior  $\leq 52\text{db}$

9

Air filtration: Five layers of air purification filtration, removing impurities and small particles.

10

Light sound technology: Multiple silent design, enjoy high-pressure oxygen technology quietly.

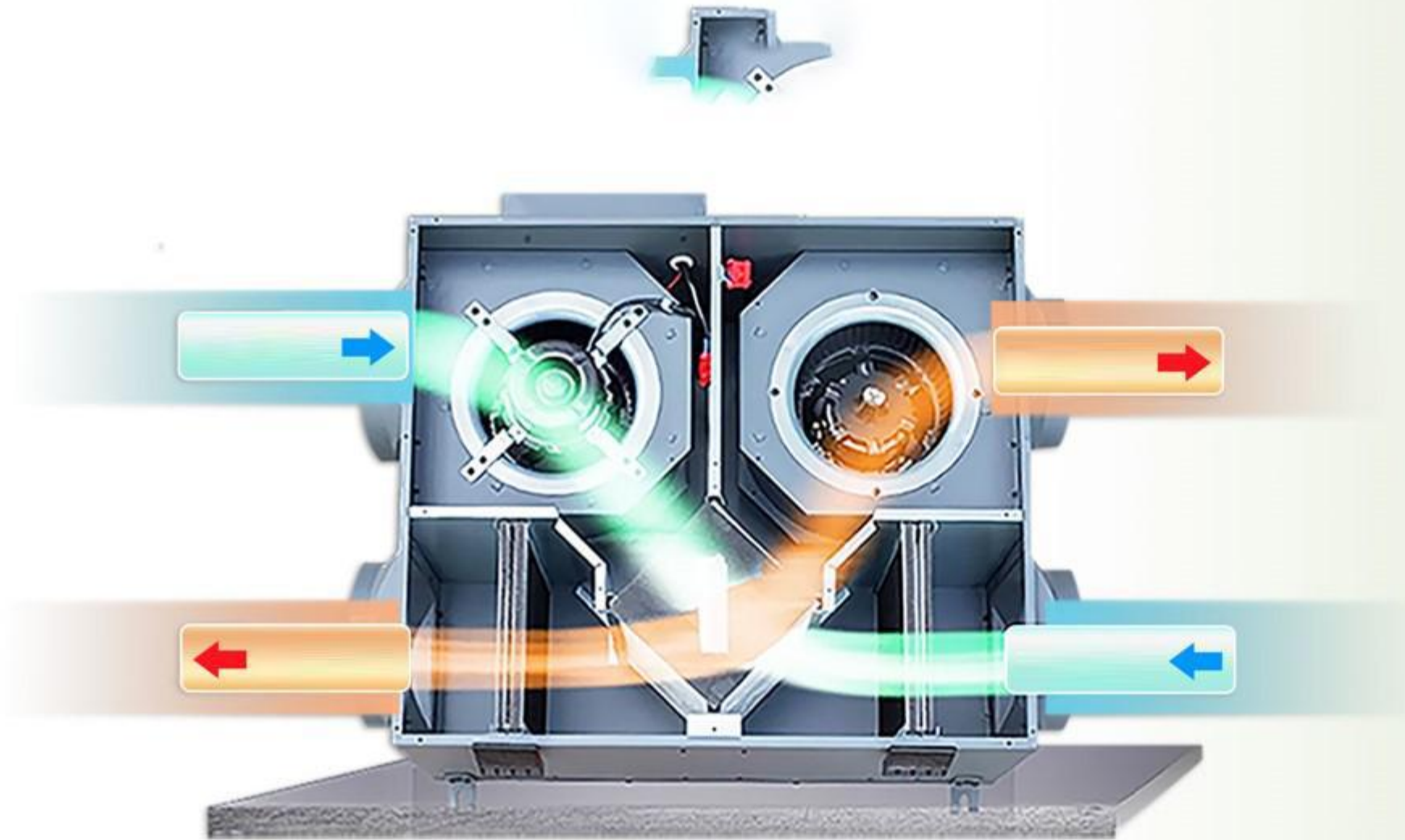
11

PSA adsorption cycle oxygen production, no need for any oxygen generator, pure oxygen, 93% oxygen output

# Fresh air exchange system

Bayint

Automatic ventilation every 3 minutes to maintain fresh air at all times.



Efficient ventilation, comfortable and energy-saving

Equipped with a polymer ventilation core, the inlet and outlet air are fully exchanged for rational energy utilization, balancing comfort and energy efficiency



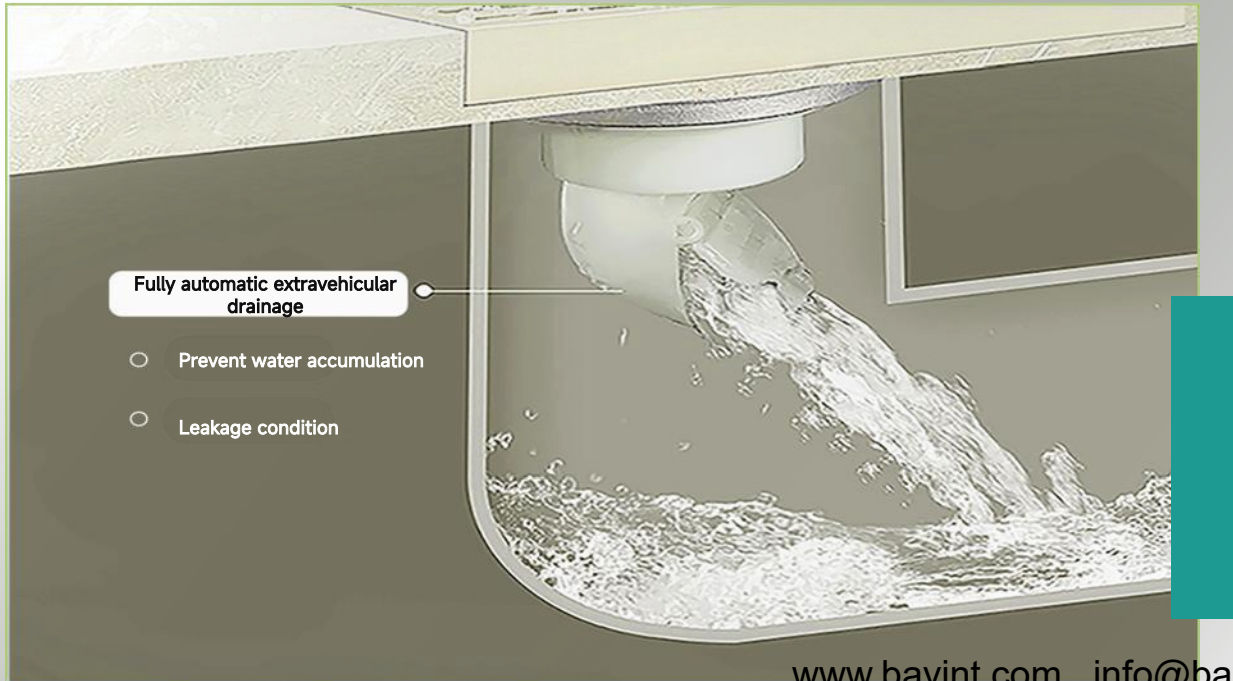
Efficient filtering of healthy fresh air

Multi layer filter effectively filters polluted air, combined with sterilization technology, restoring healthy and good air

# Extend and elevate the extra large space



195CM ultra-high space, Comfortable and spacious, free to lie flat and take oxygen. The cabin door is 62CM wide, making it easy and free to enter and exit.



## Fully Automatic External Drainage

Air conditioning with fully automatic external drainage, more worry free and convenient. There should be no more water accumulation or leakage in the cabin, and the cabin should be kept clean and hygienic at all times.



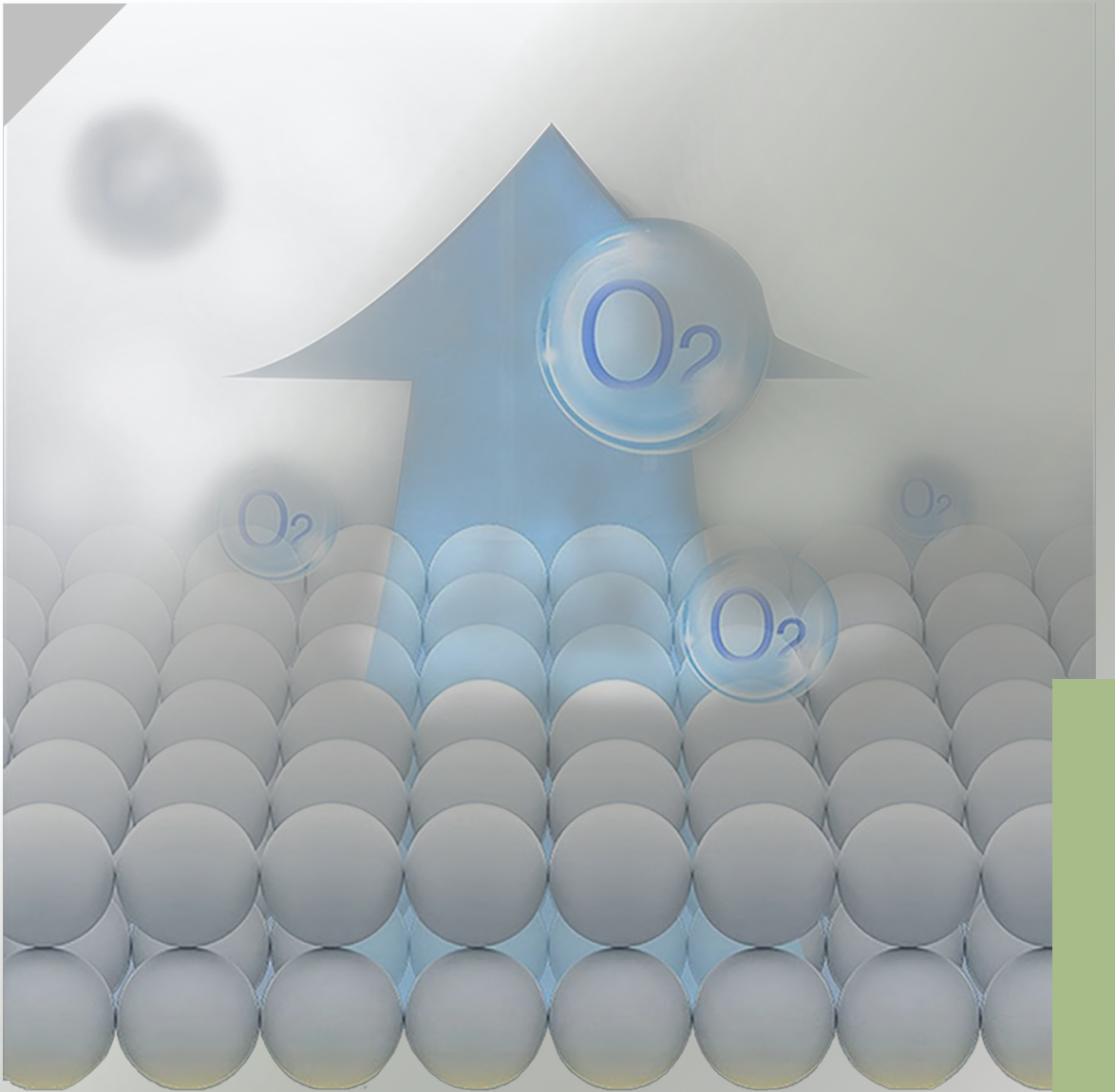
Internal operation screen



External operation screen

## Dual screen intelligent voice

Multi functional dual screen control system, upgraded intelligent voice control. Internal and external duplex integrated real-time communication system.



## Original imported molecular sieve

Pure oxygen, no need for any oxygen generator. Multiple air purification and filtration, PSA adsorption cycle oxygen production.



There is no odor inside the cabin

The materials inside the cabin are durable, easy to clean, and odorless.





# Multiple security guarantees

Double pressure relief: intelligent pressure relief+fast manual pressure relief

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## Technology Upgrade mute

comfortable operation  
to ensure quiet and  
Upgrade mute technology



Inside the warehouse

≤ 45db

Outside the warehouse

≤ 52db

# First Class Cabin Configuration

Brand air conditioning, multimedia entertainment equipment Electric leather sofa with customizable tri color ambient lighting inside and outside the cabin



Entertainment  
equipment



Electric sofa

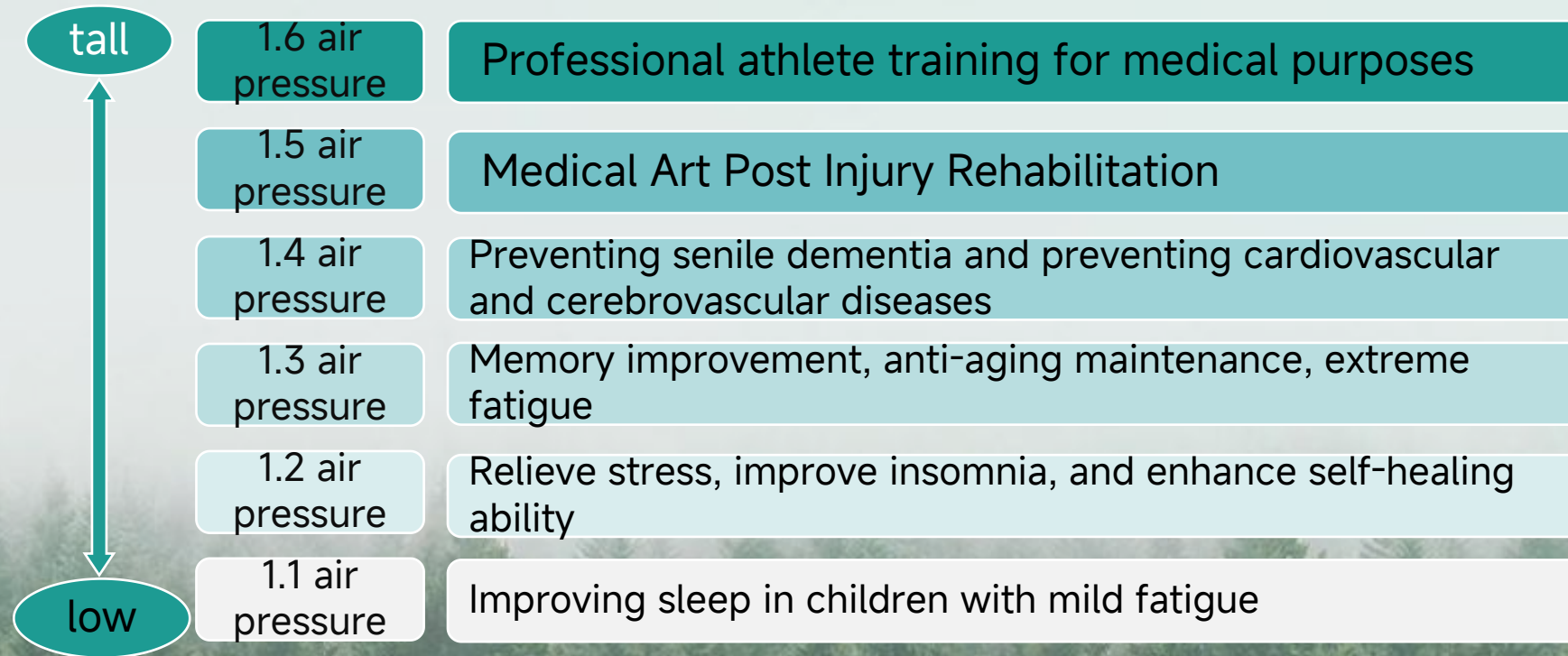


Atmosphere light

# 04

## Bayint Product Introduction

# Stress response syndrome



## D Series Color Options (Customizable)



● Golden series

● Silver series

# Deluxe Single Cabin



## Product parameters

**Size:** Length 2.3m x Width 1.1m x Height 2m

**Cabin material:** SPCC steel+interior decoration  
**Cabin door material:** environmentally friendly and flame-retardant imported PC cabin

**pressurization:** adjustable from 10kPa to 30kPa (customizable to 50kPa)  
**Oxygen production flow rate:** 5L  
**Oxygen concentration:** 93%  $\pm$  3%

**Noise:** Indoor  $\leq$  45db, Outdoor  $<$  52db.  
**Oxygen production method:** PSA adsorption cycle oxygen production.

**Control method:** dual screen capacitive touch and voice control. Product **configuration:** electric leather sofa, branded air conditioningMultimedia TV, fresh air system cabin oxygen level: 23%-25%

# Deluxe Double Cabin



## Product parameters

**Size:** Length 2.3m x Width 1.95m x Height 2m

**Cabin material:** SPCC steel+interior decoration  
**Cabin door material:** environmentally friendly and flame-retardant imported PC cabin  
**pressurization:** adjustable from 10kPa to 30kPa (customizable to 50kPa)

**Oxygen production flow rate:** 10L

**Oxygen concentration:** 93% ± 3%

**Noise:** Indoor ≤ 45db, Outdoor < 52db.

**Oxygen production method:** PSA adsorption cycle oxygen production.

**Control method:** dual screen capacitive touch and voice control.

**Product configuration:** electric leather sofa, branded air conditioning, Multimedia TV, fresh air system  
**cabin oxygen level:** 23%~25%

# Deluxe Four Person Cabin



## Product parameters

Size: Length 3.2m x Width 1.98m x Height 2m

Cabin material: SPCC steel+interior decoration  
Cabin door material: environmentally friendly and flame-retardant imported PC cabin  
pressurization: adjustable from 10kPa to 30kPa (customizable to 50kPa)  
Oxygen production flow rate: 20L  
Oxygen concentration: 93% ± 3%  
Noise: Indoor ≤ 45db, Outdoor < 52db.  
Oxygen production method: PSA adsorption cycle oxygen production. Control method: dual screen capacitive touch and voice control. Product configuration: electric leather sofa, branded air conditioning, Multimedia TV, fresh air system  
cabin oxygen level: 23%~25%



# Deluxe Six Person Cabin



## Product parameters

**Size:** Length 3.2m x Width 1.98m x Height 2m

**Cabin material:** SPCC steel+interior decoration  
**Cabin door material:** environmentally friendly and flame-retardant imported PC  
**cabin pressurization:** adjustable from 10kPa to 30kPa (customizable to 50kPa)

**Oxygen production flow rate:** 20L

**Oxygen concentration:** 93% ± 3%

**Noise:** Indoor ≤ 45db, Outdoor < 52db.

**Oxygen production method:** PSA adsorption cycle oxygen production.

**Control method:** dual screen capacitive touch and voice control. Product

**configuration:** electric leather sofa, branded air conditioningMultimedia TV,

**fresh air system cabin oxygen level:** 23%-25%

# D3 Single Oxygen Cabin Product Parameters

| Technical parameters of intelligent micro hyperbaric oxygen chamber |                                |                                                                                                                                                                                        |                                                       |                                                                                     |
|---------------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------|
| Cabin configuration                                                 |                                |                                                                                                                                                                                        | Configuration of pressurized oxygen production system |                                                                                     |
| Serial Number                                                       | content                        | Parameter specifications                                                                                                                                                               | content                                               | Parameter specifications                                                            |
| 1                                                                   | PRODUCT MODEL                  | D3 Deluxe Single Cabin                                                                                                                                                                 | content                                               | Thomas Thomas                                                                       |
| 2                                                                   | Capacity                       | 1-person electric function sofa                                                                                                                                                        | Compressor brand                                      | UOP Honeywell                                                                       |
| 3                                                                   | Operating software             | Bayint.2024.09                                                                                                                                                                         | PSA molecular sieve                                   | Japan SMC                                                                           |
| 4                                                                   | Touch screen display           | pattern. Lighting Temperature Humidity Cabin pressure Oxygen concentration Traffic Accumulated working time of oxygen concentrator Oxygen concentration inside the cabin Altitude, etc | Control valve solenoid valve                          | Manual pressure relief valve. 3x fully automatic safety valve Emergency stop switch |
| 5                                                                   | Call system                    | Self developed integrated duplex intercom system                                                                                                                                       | Security Configuration                                | 10L                                                                                 |
| 6                                                                   | Control method                 | Internal and external dual screen capacitive touch type                                                                                                                                | Oxygen production flow rate                           | 150L/min                                                                            |
| 7                                                                   | Cabin size                     | 2300x1100x2000mm                                                                                                                                                                       | Maximum Boost Flow                                    | 75L/min                                                                             |
| 8                                                                   | Host size                      | 500x850x1380mm                                                                                                                                                                         | Working pressure boosting flow rate                   | 93%±3%                                                                              |
| 9                                                                   | Cabin material                 | SPCC carbon steel plate, 6.3 # channel steel, 10 # channel steel                                                                                                                       | Oxygen concentration                                  | 23%~25%                                                                             |
| 10                                                                  | Cabin door material            | 25mm high transparency imported PC                                                                                                                                                     | Oxygen concentration inside the cabin                 | 220V-50HZ                                                                           |
| 11                                                                  | Cabin working pressure         | 10-30kPa adjustable (customized 50kPa)                                                                                                                                                 | Power supply                                          | 1050W                                                                               |
| 12                                                                  | Work noise (in cabin)          | ≤45db                                                                                                                                                                                  | Maximum power (excluding air conditioning)            | 2200W                                                                               |
| 13                                                                  | Work noise (outside the cabin) | ≤52db                                                                                                                                                                                  | Maximum power (including air conditioning)            | ≤5kPa/min                                                                           |
| 14                                                                  | Cabin lighting                 | Double row three color adjustable lighting system                                                                                                                                      | Maximum boost rate                                    | ≤10kPa/min                                                                          |
| 15                                                                  | Fresh air system               | Exclusive innovative data detection ventilation system with interval ventilation                                                                                                       | Maximum voltage reduction rate                        | 10m³/20min                                                                          |
| 16                                                                  | configuration                  | Electric leather sofa, Hisense TV, AUX air conditioner                                                                                                                                 | Ventilation Volume                                    | Temperature: -15-40 °C Humidity: 30-90%                                             |
| 17                                                                  | Decorative materials           | E0 grade environmentally friendly material B1 flame retardant material                                                                                                                 | work environment                                      | Modular assembly                                                                    |

## Conclusion 1

The D3 single person oxygen chamber product has detailed technical parameters, demonstrating comprehensive design considerations and the ability to adapt to various usage environments and needs, aiming to provide users with a high-quality personal oxygen therapy experience.

## Conclusion 2

The detailed product parameters and high standard configuration indicate that manufacturers pursue excellence in product design and manufacturing, meeting the positioning needs of the high-end market.

## Conclusion 3

In order to further enhance product competitiveness and user satisfaction, we will continue to pay attention to user feedback, conduct market testing, and adjust product design and performance optimization based on feedback.

# D6 Double Oxygen Cabin Product Parameters

| Technical parameters of intelligent micro hyperbaric oxygen chamber |                                |                                                                                                                                                                                        |                                                       |                                                                                     |
|---------------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                     | Cabin configuration            |                                                                                                                                                                                        | Configuration of pressurized oxygen production system |                                                                                     |
| Serial Number                                                       | content                        | Parameter specifications                                                                                                                                                               | content                                               | Parameter specifications                                                            |
| 1                                                                   | PRODUCT MODEL                  | D6 Deluxe Double Cabin                                                                                                                                                                 | content                                               | Thomas Thomas                                                                       |
| 2                                                                   | Capacity                       | 2-person electric function sofa                                                                                                                                                        | Compressor brand                                      | UOP Honeywell                                                                       |
| 3                                                                   | Operating software             | Bayint.2024.09                                                                                                                                                                         | PSA molecular sieve                                   | Japan SMC                                                                           |
| 4                                                                   | Touch screen display           | pattern. Lighting Temperature Humidity Cabin pressure Oxygen concentration Traffic Accumulated working time of oxygen concentrator Oxygen concentration inside the cabin Altitude, etc | Control valve solenoid valve                          | Manual pressure relief valve. 3x fully automatic safety valve Emergency stop switch |
| 5                                                                   | Call system                    | Self developed integrated duplex intercom system                                                                                                                                       | Security Configuration                                | 10L                                                                                 |
| 6                                                                   | Control method                 | Internal and external dual screen capacitive touch type                                                                                                                                | Oxygen production flow rate                           | 225L/min                                                                            |
| 7                                                                   | Cabin size                     | 2300x1950x2000mm                                                                                                                                                                       | Maximum Boost Flow                                    | 105L/min                                                                            |
| 8                                                                   | Host size                      | 500x850x1380mm                                                                                                                                                                         | Working pressure boosting flow rate                   | 93%±3%                                                                              |
| 9                                                                   | Cabin material                 | SPCC carbon steel plate, 6.3 # channel steel, 10 # channel steel                                                                                                                       | Oxygen concentration                                  | 23%~25%                                                                             |
| 10                                                                  | Cabin door material            | 25mm high transparency imported PC                                                                                                                                                     | Oxygen concentration inside the cabin                 | 220V-50HZ                                                                           |
| 11                                                                  | Cabin working pressure         | 10-30kPa adjustable (customized 50kPa)                                                                                                                                                 | Power supply                                          | 1350W                                                                               |
| 12                                                                  | Work noise (in cabin)          | ≤46db                                                                                                                                                                                  | Maximum power (excluding air conditioning)            | 2500W                                                                               |
| 13                                                                  | Work noise (outside the cabin) | ≤55db                                                                                                                                                                                  | Maximum power (including air conditioning)            | ≤5kPa/min                                                                           |
| 14                                                                  | Cabin lighting                 | Double row three color adjustable lighting system                                                                                                                                      | Maximum boost rate                                    | ≤10kPa/min                                                                          |
| 15                                                                  | Fresh air system               | Exclusive innovative data detection ventilation system with interval ventilation                                                                                                       | Maximum voltage reduction rate                        | 15m³/20min                                                                          |
| 16                                                                  | configuration                  | Electric leather sofa, Hisense TV, AUX air conditioner                                                                                                                                 | Ventilation Volume                                    | Temperature: -15-40 °C Humidity: 30-90%                                             |
| 17                                                                  | Decorative materials           | E0 grade environmentally friendly material B1 flame retardant material                                                                                                                 | work environment                                      | Modular assembly                                                                    |

## Conclusion 1

The D6 dual oxygen chamber product has detailed technical parameters, demonstrating comprehensive design considerations and the ability to adapt to various usage environments and needs, aiming to provide users with a high-quality personal oxygen therapy experience.

## Conclusion 2

The detailed product parameters and high standard configuration indicate that manufacturers pursue excellence in product design and manufacturing, meeting the positioning needs of the high-end market.

## Conclusion 3

In order to further enhance product competitiveness and user satisfaction, we will continue to pay attention to user feedback, conduct market testing, and adjust product design and performance optimization based on feedback.

# D8 Four Person Oxygen Cabin Product Parameters

| Technical parameters of intelligent micro hyperbaric oxygen chamber |                                |                                                                                                                                                                                                                        |                                                       |                                                                                                         |
|---------------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
|                                                                     | Cabin configuration            |                                                                                                                                                                                                                        | Configuration of pressurized oxygen production system |                                                                                                         |
| Serial Number                                                       | content                        | Parameter specifications                                                                                                                                                                                               | content                                               | Parameter specifications                                                                                |
| 1                                                                   | PRODUCT MODEL                  | D8 Deluxe Quadruple Cabin                                                                                                                                                                                              | content                                               | Thomas Thomas                                                                                           |
| 2                                                                   | Capacity                       | Four person electric functional sofa                                                                                                                                                                                   | Compressor brand                                      | UOP Honeywell                                                                                           |
| 3                                                                   | Operating software             | Bayint.2024.09                                                                                                                                                                                                         | PSA molecular sieve                                   | Japan SMC                                                                                               |
| 4                                                                   | Touch screen display           | pattern. Lighting Temperature Humidity Cabin pressure Oxygen concentration Traffic Accumulated working time of oxygen concentrator Oxygen concentration inside the cabin Altitude. Disinfection and sterilization, etc | Control valve solenoid valve                          | Manual pressure relief valve. 3x fully automatic safety valve Emergency stop switch. Observation window |
| 5                                                                   | Call system                    | Self developed integrated duplex intercom system                                                                                                                                                                       | Security Configuration                                | 20L                                                                                                     |
| 6                                                                   | Control method                 | Internal and external dual screen capacitive touch type                                                                                                                                                                | Oxygen production flow rate                           | 325L/min                                                                                                |
| 7                                                                   | Cabin size                     | 3200x1980x2000mm                                                                                                                                                                                                       | Maximum Boost Flow                                    | 125L/min                                                                                                |
| 8                                                                   | Host size                      | 500x850x1380mm                                                                                                                                                                                                         | Working pressure boosting flow rate                   | 93%±3%                                                                                                  |
| 9                                                                   | Cabin material                 | SPCC carbon steel plate, 6.3 # channel steel, 10 # channel steel                                                                                                                                                       | Oxygen concentration                                  | 23%-25%                                                                                                 |
| 10                                                                  | Cabin door material            | 25mm high transparency imported PC                                                                                                                                                                                     | Oxygen concentration inside the cabin                 | 220V-50HZ                                                                                               |
| 11                                                                  | Cabin working pressure         | 10-30kPa adjustable (customized 50kPa)                                                                                                                                                                                 | Power supply                                          | 1350W                                                                                                   |
| 12                                                                  | Work noise (in cabin)          | ≤46db                                                                                                                                                                                                                  | Maximum power (excluding air conditioning)            | 2500W                                                                                                   |
| 13                                                                  | Work noise (outside the cabin) | ≤55db                                                                                                                                                                                                                  | Maximum power (including air conditioning)            | ≤5kPa/min                                                                                               |
| 14                                                                  | Cabin lighting                 | Double row three color adjustable lighting system                                                                                                                                                                      | Maximum boost rate                                    | ≤10kPa/min                                                                                              |
| 15                                                                  | Fresh air system               | Exclusive innovative data detection ventilation system with interval ventilation                                                                                                                                       | Maximum voltage reduction rate                        | 20m³/20min                                                                                              |
| 16                                                                  | configuration                  | Electric leather sofa, Hisense TV, AUX air conditioner                                                                                                                                                                 | Ventilation Volume                                    | Temperature: -15-40 °C Humidity: 30-90%                                                                 |
| 17                                                                  | Decorative materials           | E0 grade environmentally friendly material B1 flame retardant material                                                                                                                                                 | work environment                                      | Modular assembly                                                                                        |

## Conclusion 1

The D8 four person oxygen chamber product has detailed technical parameters, demonstrating comprehensive design considerations and the ability to adapt to various usage environments and needs, aiming to provide users with a high-quality personal oxygen therapy experience.

## Conclusion 2

The detailed product parameters and high standard configuration indicate that manufacturers pursue excellence in product design and manufacturing, meeting the positioning needs of the high-end market.

## Conclusion 3

In order to further enhance product competitiveness and user satisfaction, we will continue to pay attention to user feedback, conduct market testing, and adjust product design and performance optimization based on feedback.

# D10 Six Person Oxygen Cabin Product Parameters

| Technical parameters of intelligent micro hyperbaric oxygen chamber |                                |                                                                                                                                                                                                                        |                                                       |                                                                                                         |
|---------------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Cabin configuration                                                 |                                |                                                                                                                                                                                                                        | Configuration of pressurized oxygen production system |                                                                                                         |
| Serial Number                                                       | content                        | Parameter specifications                                                                                                                                                                                               | content                                               | Parameter specifications                                                                                |
| 1                                                                   | PRODUCT MODEL                  | D10 Deluxe Six Person Cabin                                                                                                                                                                                            | Compressor brand                                      | Thomas Thomas                                                                                           |
| 2                                                                   | Capacity                       | Six person electric functional sofa                                                                                                                                                                                    | PSA molecular sieve                                   | UOP Honeywell                                                                                           |
| 3                                                                   | Operating software             | Bayint.2024.09                                                                                                                                                                                                         | Control valve solenoid valve                          | Japan SMC                                                                                               |
| 4                                                                   | Touch screen display           | pattern. Lighting Temperature Humidity Cabin pressure Oxygen concentration Traffic Accumulated working time of oxygen concentrator Oxygen concentration inside the cabin Altitude. Disinfection and sterilization, etc | Security Configuration                                | Manual pressure relief valve. 3x fully automatic safety valve Emergency stop switch. Observation window |
| 5                                                                   | Call system                    | Self developed integrated duplex intercom system                                                                                                                                                                       | Oxygen production flow rate                           | 30L                                                                                                     |
| 6                                                                   | Control method                 | Internal and external dual screen capacitive touch type                                                                                                                                                                | Maximum Boost Flow                                    | 410L/min                                                                                                |
| 7                                                                   | Cabin size                     | 4200x2365x2000mm                                                                                                                                                                                                       | Working pressure boosting flow rate                   | 150L/min                                                                                                |
| 8                                                                   | Host size                      | 500x850x1380mm                                                                                                                                                                                                         | Oxygen concentration                                  | 93%±3%                                                                                                  |
| 9                                                                   | Cabin material                 | SPCC carbon steel plate, 6.3 # channel steel, 10 # channel steel                                                                                                                                                       | Oxygen concentration inside the cabin                 | 23%-25%                                                                                                 |
| 10                                                                  | Cabin door material            | 25mm high transparency imported PC                                                                                                                                                                                     | Power supply                                          | 220V-50HZ                                                                                               |
| 11                                                                  | Cabin working pressure         | 10-30kPa adjustable (customized 50kPa)                                                                                                                                                                                 | Maximum power (excluding air conditioning)            | 1350W                                                                                                   |
| 12                                                                  | Work noise (in cabin)          | ≤46db                                                                                                                                                                                                                  | Maximum power (including air conditioning)            | 2500W                                                                                                   |
| 13                                                                  | Work noise (outside the cabin) | ≤55db                                                                                                                                                                                                                  | Maximum boost rate                                    | ≤5kPa/min                                                                                               |
| 14                                                                  | Cabin lighting                 | Double row three color adjustable lighting system                                                                                                                                                                      | Maximum voltage reduction rate                        | ≤15kPa/min                                                                                              |
| 15                                                                  | Fresh air system               | Exclusive innovative data detection ventilation system with interval ventilation                                                                                                                                       | Ventilation Volume                                    | 30m <sup>3</sup> /20min                                                                                 |
| 16                                                                  | configuration                  | Electric leather sofa, Hisense TV, AUX air conditioner                                                                                                                                                                 | work environment                                      | Temperature: -15-40 °C Humidity: 30-90%                                                                 |
| 17                                                                  | Decorative materials           | E0 grade environmentally friendly material B1 flame retardant material                                                                                                                                                 | Installation method                                   | Modular assembly                                                                                        |

## Conclusion 1

The D10 six person oxygen chamber product has detailed technical parameters, demonstrating comprehensive design considerations and the ability to adapt to various usage environments and needs, aiming to provide users with a high-quality personal oxygen therapy experience.

## Conclusion 2

The detailed product parameters and high standard configuration indicate that manufacturers pursue excellence in product design and manufacturing, meeting the positioning needs of the high-end market.

## Conclusion 3

In order to further enhance product competitiveness and user satisfaction, we will continue to pay attention to user feedback, conduct market testing, and adjust product design and performance optimization based on feedback.

# Intelligent micro hyperbaric oxygen chamber

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