

O₂JOY

A NEW DIMENSION OF REJUVENATION



Hyperbaric Oxygen Chambers & Holistic Rejuvenation



RECHARGE. REJUVENATE. REVERSE AGE.



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O2 JOY Innovation Pvt. Ltd. is a luxury rejuvenation venture bringing Hyperbaric Oxygen Therapy (HBOT) to India, blending modern innovation and traditional wisdom with Science + Trust. With a vision to be India's most trusted HBOT chain, O2 JOY offers premium centers for stress relief, anti-aging, recovery, and holistic rejuvenation — sanctuaries where innovation meets traditional wisdom.

HBOT : Hyperbaric Oxygen Therapy

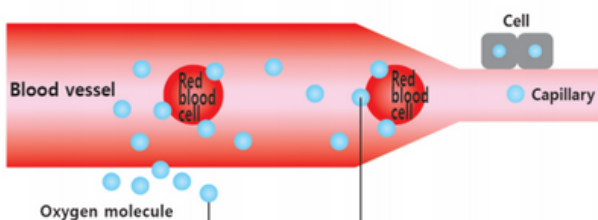
In general, inhaling 100% oxygen by increasing the pressure in a chamber by 2 to 3 atmospheres (ATA) (corresponding to water pressure at a depth of 10 to 20m) or more.

- A pressurized environment construction for 2~3 ATA higher than a atmospheric pressure.
- A large amount of high-purity oxygen is dissolved in blood and supplied to the body through the capillaries.
- Improving hypoxia by increasing the oxygen concentration in the body through abundant dissolved oxygen by inhalation of high-purity oxygen(99.9%) inside HBOT chamber.

Principles of Hyperbaric Oxygen Therapy

The principle that oxygen is efficiently absorbed into the body when the air pressure is increased.

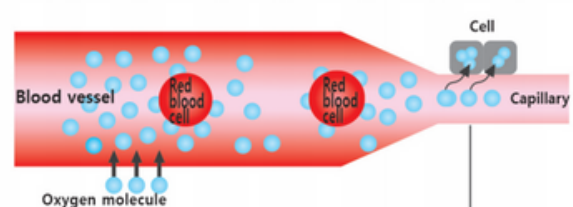
Blood vessel at 1ATA



② There are no red blood cells to combine, so oxygen molecules are left behind

① Oxygen molecules combined with red blood cells are difficult to enter the capillaries because of the size of red blood cells.

Blood vessel in hyperbaric oxygen chamber at 2-3ATA



③ When atmospheric pressure is increased, oxygen molecules dissolve into the blood plasma even though they are not combined with red blood cells

④ Oxygen molecules dissolved in blood plasma are small, so they can reach capillaries and cells.

Technology

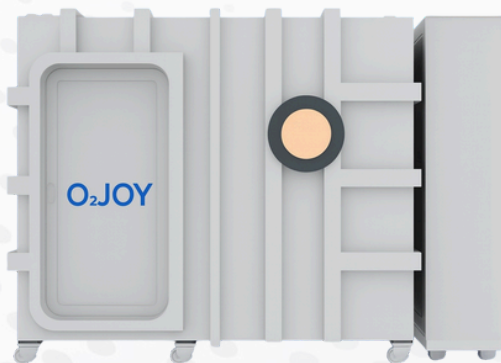
Differentiated technology Kiosk



Kiosk

- Easy touchscreen operation minimizes the workflow required to operate the chamber
- Minimizing human error with automated systems
- The treatment table can be customized to fit the patient and operated conveniently.
- Treatment processes are digitized for easy tracking and management

Differentiated technology of Sliding Door

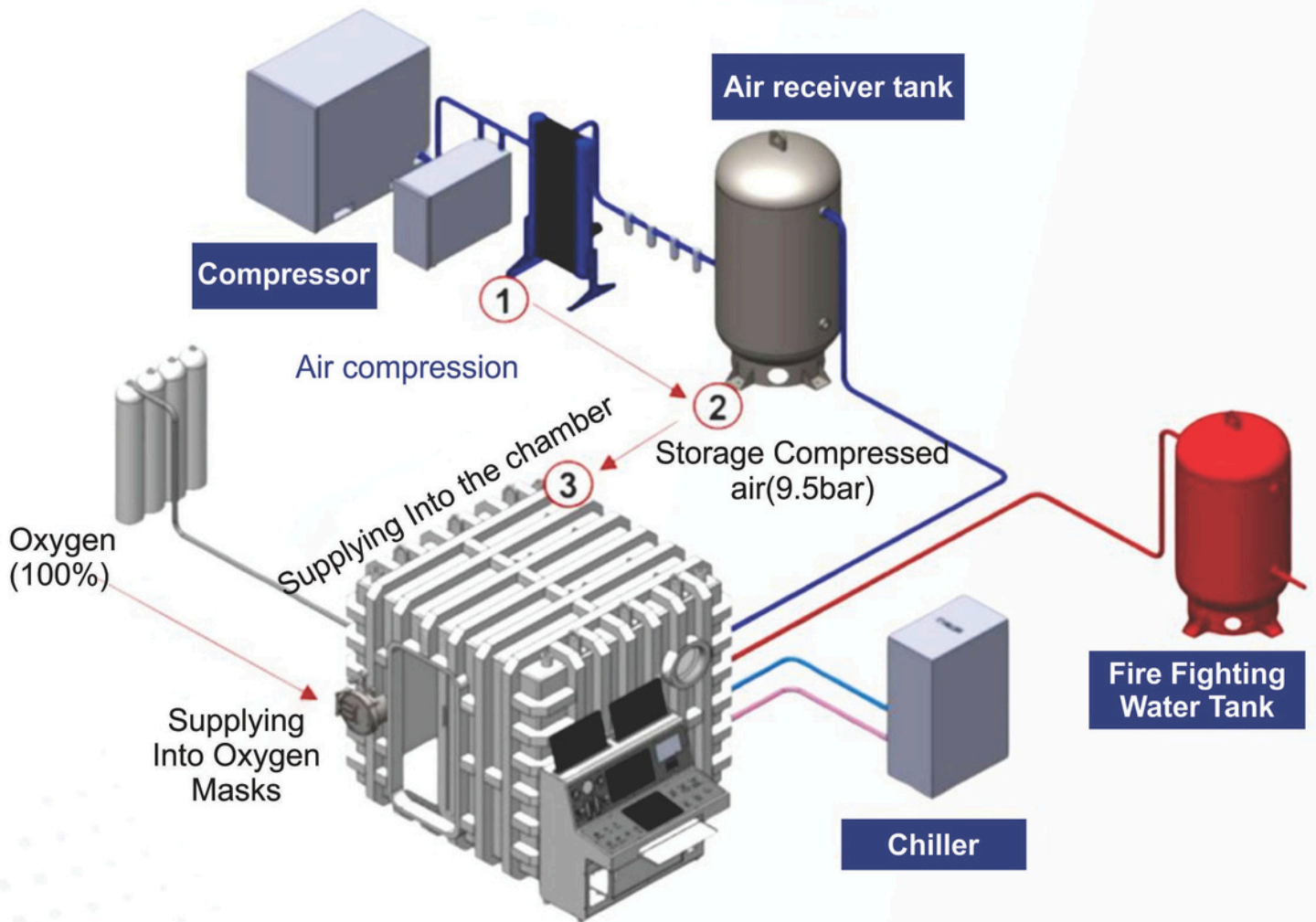


Sliding Door

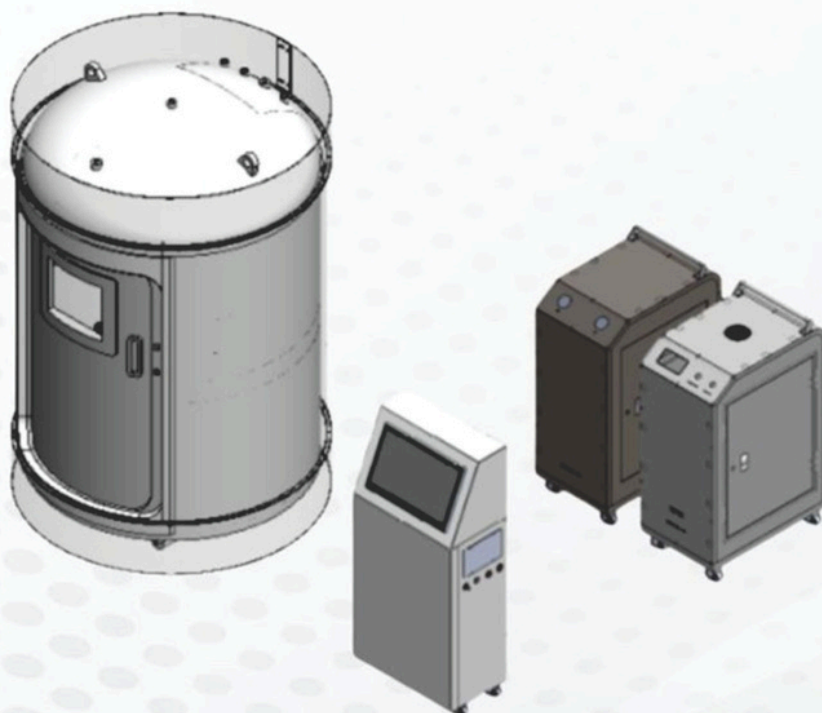
- First sliding door application in HBOT
- Maximization of internal space utilization through the sliding door method, replacing traditional hinge door
- Assurance of safety (Safety Assurance) for fire and explosion prevention inside the chamber
- Application of international explosion-proof standards to hyperbaric oxygen therapy chambers to ensure safety
- Engineering safety assurance for fire and explosion risks
- Application of fire and explosion prevention systems: Compliance with international explosion-proof standards (IEC 60079-17).

Chamber System

Multiplace Chamber Configuration



Monoplace Chamber Configuration





Multiplace Chamber for 11 People

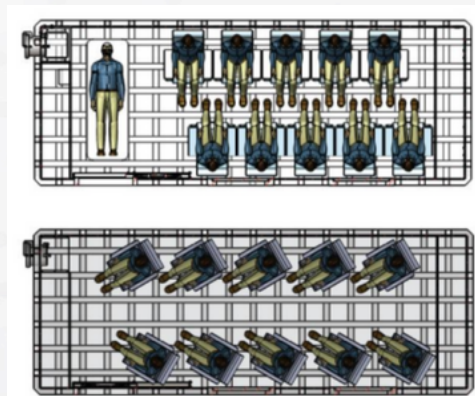
Model: CUBE 11

Key Features

- Internal entertainment monitor
- Sliding door
- Automation of operation / manual operation available when needed
- Provision of psychological comfort through spacious interior
- Application of various medical device ports

Technical Spec

- Capacity : 11 person
- Dimension : 7,220(L) x 2,720(W) x 2,220(H)mm
- Material : Carbon Steel SA-516-70
- Operating pressure: 3.0 ATA(2 bar.g)
- Weight : About 11,000 kg





Multiplace Chamber for 4+1 Person

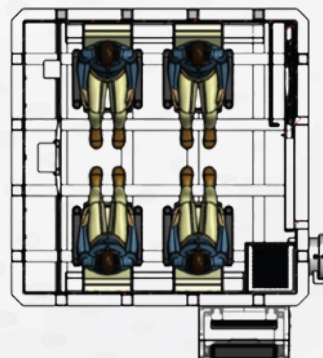
Model: CUBE 4+

Key Features

- Square chamber, Single Lock
- Sliding doors for entrance
- Operation automation/ Manual operation (If needed)
- External material transfer through medical lock

Technical Spec

- Capacity : 4 + 1 person
- Dimension : 2,620(L) x 2,620(W) x 2,220(H)mm
- Material : Carbon Steel SA-516-70
- Operating pressure: 3.0 ATA(2 bar.g)
- Weight : About 6,500 kg





Monoplace Chamber for 1 Person

TEPEE

Key Features

- Slim cylindrical type
- Separable All-in-one air supply module
- Application of patented curved sliding door
- BIBS breathing line cleaning system
- Kiosk-type control console
- Use of AC 220V power
- Internal entertainment

Technical Spec

- Capacity : 1 people
- Dimension : 1,305(Ø) x 1,981 (H) mm
- Material : Carbon Steel SA-516-70
- Operating pressure: 3.0 ATA(2 bar.g)
- Weight : About 1,200 kg



Benefits of using O2 JOY Chamber



ANTI-AGING & SKIN GLOW

Oxygen stimulates
Collagen & blood
flow, restoring
Youthful radiance



STREE RELIEF & EMOTIONAL BALANCE

Yoga and mediation
Calms the nervous system,



SHARPER MIND & CLARITY

Yoga and mediation
Helps by
Lowering anxiety



FASTER RECOVERY

Ideal for executives,
Athletics, and busy
professionals:
reduces fatigue



HEART & LUNG SUPPORT

Enhances oxygen
Delivery for stamina
& endurance



ENERGY & VITALITY

Feel light,
Recharged and
Full of Life

Why O₂JOY is unique?

O₂JOY Chambers, developed in collaboration with B3 EnS Korea, are designed to overcome the limitations of conventional hyperbaric chambers, which are often basic, clinical, and uncomfortable. With international safety certifications, patented sliding door design, advanced hygiene systems, and full automation, they deliver a safe, comfortable, and premium rejuvenation experience that general chambers cannot match.



Our Unique JOY Chamber (O2 JOY innovation with B3 ENS, Korea)

- Highest Safety Standards –

Explosion-proof design, automatic oxygen regulation, and ignition-blocking technology for complete security.

- Patented Design & Easy Access –

Sliding door and one-touch medical lock, with stretcher and wheelchair accessibility.

- Superior Comfort –

Spacious interiors, movable recliner chairs, and built-in CCTV & entertainment for a stress-free experience.

- Advanced Hygiene –

Built-In Breathing System (BIBS), automatic cleaning, and HEPA filtration for fresh, pure air every session.

- Smart Technology –

Full automation software, therapy data storage, external medical device integration, and smooth communication.

- Quick Installation & Market Ready –

Faster setup, lower costs, certified to global standards, and suitable for hospitals, clinics, luxury rejuvenation centers, and medical tourism hubs.

PARTNERS



COLONEL S S SINGH SM,
FRGS
Executive Chairman

A decorated Army officer with four Gallantry Medals, has led 25 major expeditions including 14 Himalayan peaks and a world-record ski run from Mt. Trishul. A Lifetime Fellow of the Royal Geographical Society (UK), he founded Eco Adventures—awarded Best Adventure Company of India—and co-founded the Youth Exploring Society with Sir Edmund Hillary.



ALTHEA JOY SINGH
Director

Founder of Joybells School in Sikkim (1983) and Dehradun (2004), she provides education, shelter, and holistic care. She is also the Founder Chairperson of Garden of Joy, a space created to manifest positivity and well-being. Honored with the “Jewel of India” and “Vidya Ratan” awards, she continues to inspire with her compassion and lifelong dedication for the JOY of needy.



STEPHEN SINGH
CEO

Masters in Business Law and Business Finance
CEO of Golden Bridges Enterprises, Pvt. Ltd.
Entrepreneur & investor with more than 25 years experience developing businesses and forming policy in the United Kingdom, United States, Austria, China, India and Bhutan. Former Industry & Parliament Trust Advisory for British House of Lords to global blue-chip companies. He now leads fertilizer imports (with BlackRock investors) and a logistics firm.



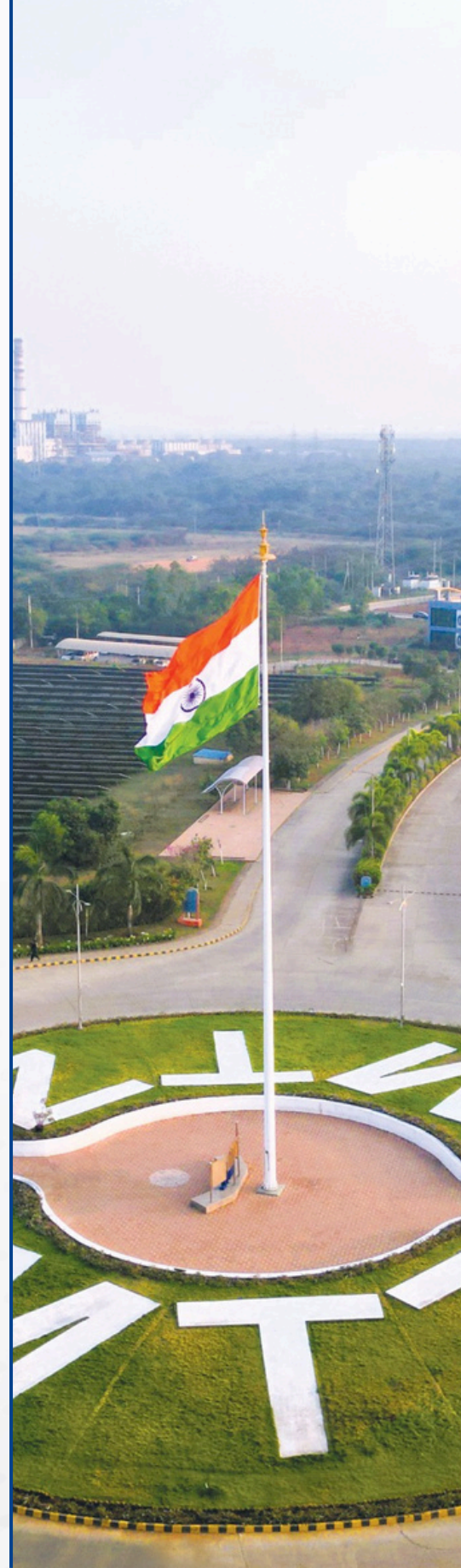
JaeHyun KIM
**Founder Co-Chairman,
CEO**

A Murdoch University graduate with global certifications in IECEX, CompEx, and EEHA, Mr. Kim Jae-Hyun brings expertise in engineering, safety, and innovation. As CEO of B3 EnS, he leads the creation of world-class Hyperbaric Oxygen Therapy (HBOT) chambers, driving rejuvenation technology with a focus on safety, quality, and client trust.



SeungWon LEE
**Founder Co-Chairman,
CTO**

With 20 years of expertise in engineering and manufacturing HBOT chambers, Mr. SeungWon Lee oversees technical operations, pressure vessel fabrication, and onsite installation. A former General Manager at Daesung Engineering, he brings proven skill in pipe design, welding, and commissioning, ensuring precision and reliability in B3 EnS's advanced rejuvenation solutions.



Advisors - O2 JOY

Prof. Dr. Philip B. James

MB, ChB, DIH, PhD, FFOM



Dr. Philip B. James is a world-recognized authority in hyperbaric and diving medicine. A recipient of the Craig Hoffman Award, he advanced key research demonstrating how oxygen restores tissue function and supports healing, particularly in neurological conditions. Dr. James helped establish 65 community hyperbaric centres through the Hyperbaric Oxygen Treatment Trust (HBOTT) across the UK and the Republic of Ireland.

He is a passionate advocate for using oxygen in treating disorder of the brain, and now serves as an adviser to the HBOTT Charity and O2 JOY.

Hee-Duck KIM

M.D., Ph.D



Dr. Hee-Duck Kim, surgery specialist and HBOT authority with 30+ years' experience, pioneered Korea's first saturation dive medical support and founded the Diving Emergency Network Korea. He has overseen 400,000+ HBOT treatments and continues to advise governments and advance hyperbaric medicine research.

Mr. Hari Kumar

Technical Advisor



Mechanical Engineering, with 32+ years of experience in manufacturing, machine design, new product development, process engineering, and tooling. Incharge of quality control for Automotive Components for export to Germany for nearly 10 yrs. Certified ISO 9001:2015 & TS16949 Auditor, currently serving as AGM at a leading Rock Breakers company.



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O2 JOY Partners



AMTZ (Andhra Pradesh MedTech Zone) is India's premier medical technology park, housing common manufacturing and scientific facilities such as biomaterial testing, 3D printing, MRI superconducting magnets, gamma irradiation, and more. During the pandemic, AMTZ produced over 100 ventilators, 500 oxygen concentrators, and 1 million RT-PCR kits daily, while also deploying mobile container hospitals, PCR labs, and oxygen plants to remote regions. Built in just 342 days, AMTZ stands among the world's largest medtech clusters, with 100+ companies engaged in R&D and production of life-saving devices, positioning India as a global leader in medical technology.



B3 EnS Co., Ltd. is an engineering company that manufactures various types of hyperbaric oxygen chambers. We provide comprehensive solutions encompassing research, engineering design, production, and construction of medical hyperbaric oxygen chambers, solidifying our status as a leading company in this field. Based on our technology and long-time experience in manufacturing, our chamber is a solution to all hyperbaric chamber-related fields such as sports, general health management, diving, medical care, etc.

Developing Partner



Bharat Heavy Electricals Limited (BHEL), a Government of India enterprise, is the nation's largest engineering and manufacturing company in the energy and infrastructure sector. Established in 1964, BHEL has contributed to over half of India's installed power capacity and has a global presence across 80+ countries, delivering reliable solutions in power, industry, transportation, defence, and renewable energy.

Science Woven with Rejuvenation

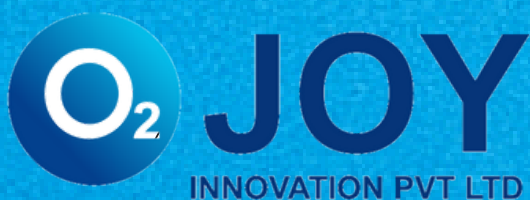


G a r d e n o f J o y

O₂JOY
INNOVATION PVT LTD

RECHARGE. REJUVENATE. REVERSE AGE.

BREATHE. HEAL. RENEW



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