DR.HUGO

冻龄空间
CRYOTHERAPY

−110℃

全身低温理疗舱

WHOLE BODY LOW-TEMPERATURE
THERAPY CABIN

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CRYOTHERAPY

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Internal audio system

5G IoT

Intercom microphone

Adjustable glass window

Countdown digital display

Control panel

Fingerprint recognition

Glass lift button

Emergency stop button

Magnetic card recognition

Vascular Exercise: Cryotherapy exposes the body to frigid temperatures following a normal environment, causing an immediate vasoconstriction. This response directs blood flow to essential organs and deep tissues. As the skin's blood vessels dilate rapidly afterward, blood circulation and metabolism are significantly enhanced. This alternating contraction and dilation of blood vessels strengthens their elasticity and flexibility, increases arterial wall resilience, and reduces cholesterol buildup. Such a process helps prevent and delay the onset of arteriosclerosis, a phenomenon often referred to as "vascular gymnastics."

Fat Loss & Slimming: Studies indicate that exposure to extreme cold stimuli prompts the body to sustain elevated blood circulation and metabolism for 1-2 hours, consuming 400-800 kcal, comparable to the caloric burn of an hour of running. This process facilitates efficient fat reduction while optimizing time.

Sports Rehabilitation: After extreme cold exposure, muscle relaxation occurs 3-4 times the usual speed once the body returns to normal temperature. Accelerated blood circulation brings more oxygen and nutrients to the injured area, promoting faster recovery. At the same time, it stops the production of pain factors, thereby greatly reducing the pain of sports injuries.

Sub-Health regulating: Cryotherapy enhances blood circulation, promotes the dilation of constricted blood vessels, and facilitates the removal of toxins from the body. Concurrently, it stimulates the brain to increase the production of key hormones such as endorphins, dopamine, and adrenaline, while also boosting lymphocyte production. These physiological responses accelerate metabolism, restore normal bodily functions, regulate sub-health, improve sleep quality, and strengthen the immune system.
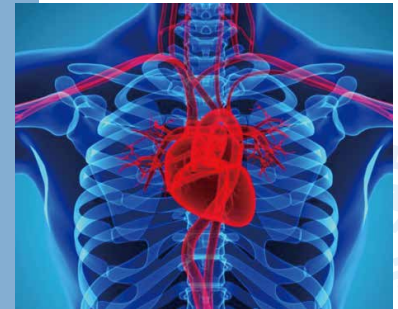
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Beauty centers

Rehabilitation centers

Fitness centers

Sports centers

Villas

Amusement parks

Sauna Clubs

Hotels and Resorts

Usage Scenario A

Usage Scenario B

Usage Scenario C

Usage Scenario D

/// What is Cryotherapy

Cryotherapy involves exposing the body to temperatures between -80°C and -160°C for 3 minutes. This stimulates the skin, enhances blood circulation and metabolism, and triggers the release of hormones such as endorphins and dopamine, leading to the following surprising physical therapy effects to the body:

Physical recovery

Fat burning

Skin beautification

Metabolism acceleration

Stress relief

Improved sleep

Enhanced immunity

Pain relief

Cryotherapy originated from ice baths and is known to help sports enthusiasts quickly eliminate lactic acid, relieve muscle soreness, and accelerate physical recovery. It also aids in fat burning, skin beautification, stress relief, and improving sleep and immunity. Data suggests that post-cryotherapy, the body's heat and metabolism can increase for 1-2 hours, consuming 400-800 kcal.

Cryotherapy has gained significant popularity in the avant-garde sports and beauty sectors across Europe and the United States. By 2013, prominent international athletes had already begun incorporating cryotherapy chambers into their homes as an essential tool for post-exercise recovery.

/// Product Advantages

The "Cryo-Fitness" cryotherapy chamber uses the world's most advanced automatic cascade refrigeration technology, powered by an electric compressor, to cool the chamber to approximately -110°C. This overcomes the various shortcomings of traditional liquid nitrogen technologies. Additionally, the "Cryo-Fitness" chamber integrates 5G IoT technology, with a mobile app offering functions such as finding therapy locations, recharging accounts, booking appointments, and managing health records. It provides users with precise health management and big data support.

	Single-person shared chamber	Family-sized single-person chamber	Business four-person chamber	Experience chamber designed for up to ten
Lowest temperature				
Supervision required	No	No	Yes	Yes
Chamber size	1.3X1.6X2.4	1.2X1.2X2.3	4.2X2.1X2.4	6.4X3.6X2.6
Number of chambers	1	1	2	2
Number of windows	1	1	2	2
Liftable glass	Yes	Yes	No	No
Built-in 5G	Yes	Yes	Yes	Yes
Video	Yes	Yes	No	No
Intercom	Yes	Yes	Yes	Yes
Audio	Yes	Yes	Yes	Yes
Remote Start	Yes	Yes	Yes	Yes
WIFI	Yes	Yes	Yes	Yes
Experience time settings	Yes	Yes	No	No
APP	Yes	Yes	No	No
Financial ledger	Yes	No	No	No
Hourly capacity	6	6	48	100
Maximum power	15kw	15kw	25kw	40kw

/// Operating Screen Interface