

Cryomed s.r.o. manufactures cryogenic equipment for whole-body and local cryotherapy since 2002. Our factory works according to quality system management ISO 13485.



health
beauty
natural



What is Cryotherapy?

Whole-body Cryotherapy (from Greek kryos – cold and therapya) is a technique that involves exposing the body to extremely low temperatures (-110 °C to -190 °C) for the duration of 1 to 3 minutes.

Health and beauty

These extremely low temperatures are cutting edge and are an efficient way to trigger self healing mechanisms in the body. Short-time cooling of the upper skin layer helps to boost metabolic processes, decrease anxiety and fatigue, improve sleep and Stimulate the immune system.

Natural healing

Cryotherapy involves activation of natural body defences and that is why it is completely safe. The short exposure of the body does not affect the core temperature. Liquid nitrogen is used for the cooling process, 3/4 of the air we breathe is made up of nitrogen, therefore the treatment is completely safe and environmentally friendly.

Time Efficiency

One session takes no more than three minutes. Cryotherapy addresses multiple issues at the same time, which means that the body starts natural healing processes on several levels.

Comfort

Bathing in the streams of cold air feels more comfortable than usual methods of healing or recovering with cold water or ice, because at extremely low temperatures the air contains almost no moisture. As a bonus the cold triggers the production of endorphins, called "feel-good hormones", which induce feelings of euphoria.



Benefits

Cryosaunas (also known as cryo-chambers, cryocabins or cryopods) are innovative healthcare and beauty equipment used for treatments with exposure to extremely cold temperatures ranging from -110C to -190C. An individual Cryocabin requires less space, consumes less electricity and considerably less nitrogen compared to large chambers cooled with nitrogen or with air. All of these factors contribute to a faster return on investment.



The positive effects of Cryotherapy

Cryotherapy stimulates the immune system, and initiates regeneration processes in the body. Cryotherapy is commonly used in modern sports medicine.

Cryotherapy also expedites rehabilitation after injuries. In the beauty and cosmetics industry, Cryotherapy sessions are used for improving blood circulation, skin rejuvenation, anti-aging therapy, and for removing toxins from the human body.

In the medical field, Cryotherapy sessions are helpful in recovering from illness or surgery, treating skin diseases, and improving general well-being.

Treatment Process

The customer enters the cabin in warm socks and underwear made of natural fabric. The operator lifts the elevator floor so that the shoulders of the customer are aligned with the upper cut of the cabin. The cabin is filled with the nitrogen vapour and air. The customer takes his/her hands and starts moving slowly. Due to the fact that water vapors are virtually absent in the air mixture at extremely low temperatures, the session feels comfortable, unlike bathing in cold water. The operator stays near the cabin all the time, monitoring the state of the customer. The session takes one to three minutes. If necessary, it can be stopped at any moment. The door can also be easily opened from inside. After the session is over, the elevator automatically moves down, and the customer can leave the cabin.



Cryomed PRO

Cryomed PRO was developed according to many years of experience in manufacturing of Cryosaunas. Cryomed Pro Cryosauna has been improved and equipped with many new features.

The device contains a completely new and redeveloped CE approved electronic system controlled by touch screen TECO, focusing on reliability and maximum protection of the customer. Cryomed PRO is also equipped with an emergency stop button on the front panel and accident prevention system in the cabin. The latest model also allows connection to wifi and gives comfortable access for remote service support in case of any electronic/software issues or faults.

Cryosauna Cryomed PRO may be comfortably controlled by desktop, smartphone or tablet. Gas supply of new model is constructed in a way that it can either work with the Dewar vessel (non-pressurized 40 liters) or with pressurized vessel with capacity up to 5000 liters. This allows the Cryomed PRO to be suitable for any type/location of installation.



Design your own Cryomed PRO

Cryomed PRO reveals a range of extras:

- Wide selection of various colors of the outer shell material
- Wide range of color selection for the inner upholstery of the cabin
- Selection of the temperature display color
- Various range of cabin size for comfortable session with a client
- Redesigned superstructure with three independent - RGB LED lighting zones
- Own branding (logo embroidery on the inner upholstery of the Cryosauna, logo on the outer shell)



Reliable business within a small working space

Cryosauna Cryomed PRO is an excellent business investment, that is great for your customer's health and a promising business acquisition for the owner.

When people come for treatment, they are investing in their health. When you invest in the Cryomed PRO you can launch a reliable and successful business without investing a large capital.

Cryosauna – it is the right investment. When people come for treatment, they invest in their health. By investing in a Cryomed Pro Cryosauna you can launch a reliable business without a large capital, without putting all on the line.

ROOM REQUIREMENTS

Cryosauna Cryomed PRO only needs a very small area for installation. In fact 6 m² is adequate to provide enough space for operation. However, due to the machine's weight being 350kg it must be installed on a solid floor (concrete or properly tiled floor), NOT on flooring made of wooden panels etc. When deciding on a room in which to set up the Cryosauna, be sure to measure the size of ANY door frames you will need to use in order to deliver the Cryosauna components inside the room. Door frame width of any doors MUST be at least 770 mm to make the delivery possible.

You have to provide an opening in the room wall (130 mm in diameter) for an exhaust system so that nitrogen vapor can be extracted properly while the Cryosauna is in operation. The hole for the pipe can either be made in the wall or the pipe can be integrated into the window (vent



sash) as long as a proper tight fit for the hose is provided. Air-conditioning and ventilation with actively circulating air (both in and out) are strongly advised. Additional oxygen sensors are also recommended.

The ambient room temperature should be between 15 °C and 24 °C and the humidity should not exceed 60 %. The distance from the walls to either side of the machine should be at least 300 mm (30 cm).

The entire assembly of the Cryomed PRO takes roughly 2 hrs. The Cryosauna must be operated by trained staff who have successfully completed appropriate training and have a certificate.



Cryofan: Application Of Local Cryotherapy

In some cases in cosmetology, dermatology, traumatology and sports medicine, specific areas of the skin need to be cooled without affecting its surrounding areas. The most suitable device for such purposes is the Cryofan (Cryotherapy Blower). Cryofan is a device used for local Cryotherapy using cooled gas streams, consisting mainly of liquid nitrogen vapour.

This equipment is quite compact in size and weight. It can be used conveniently in any health clinic or beauty salon. The Cryofan may be used without any help of a medically qualified person as it is basically cosmetic equipment for body

care. The equipment will be an excellent complement to any existing Cryosauna, since it uses the similar type of Dewar vessels.

The main advantages of Cryomed Cryofan is its portability, efficiency, safety system with 24V power supply and ease of use. Time required for its preparation and attaining the working temperature is less than 4 minutes. Consumption of liquid nitrogen per procedure does not exceed 0.06 l/min., which is the lowest of such devices. The maximum operating temperature reaches -130°C. It is also equally important that by using our Cryofan, your skin never comes in contact with liquid nitrogen.



Benefits of Cryomed Pro:



1. 10" inches TECO touch screen
2. Accident prevention system:
 - Open door sensor
 - Patient's ultrasonic position sensor in the cabin
 - Safety shut down with an effective ventilation system
3. Remote controlling the device by a desktop, tablet or smartphone
4. Smart multimedia system with Full HD 10" inches tablet PC with USB port
5. Acoustic stereo system 2 × 120 watt speakers
6. High quality industrial components and controllers (Teco, Schneider) are the guarantee of long-term lifetime of the Cryomed Pro
7. Your own Start-Up screen logo
8. Wifi or LAN Connectivity - easy updating of software and optimizing all of the features

TECO

Schneider
Electric



9. Active reporting system - Daily figures of the devices procedures are sent directly to your email.
10. Innovative technology of nitrogen dosing with fully automatic treatment temperature leveling.
11. Independent three - RGB LED lighting zones
12. Two type of nitrogen source connectivity to the device
 - Dewar vessel 40 l
 - Pressurized cylinder with capacity from 100 to 5000 l
13. 3 years warranty on all parts and components, or 3000 sessions. (whichever comes first)
14. Customizable cryosauna according to customer requirements
15. Suitable to install into a vehicle as a mobile unit
16. Low nitrogen consumption
17. Simple and easy preparation steps of the device before procedure

Technical characteristics

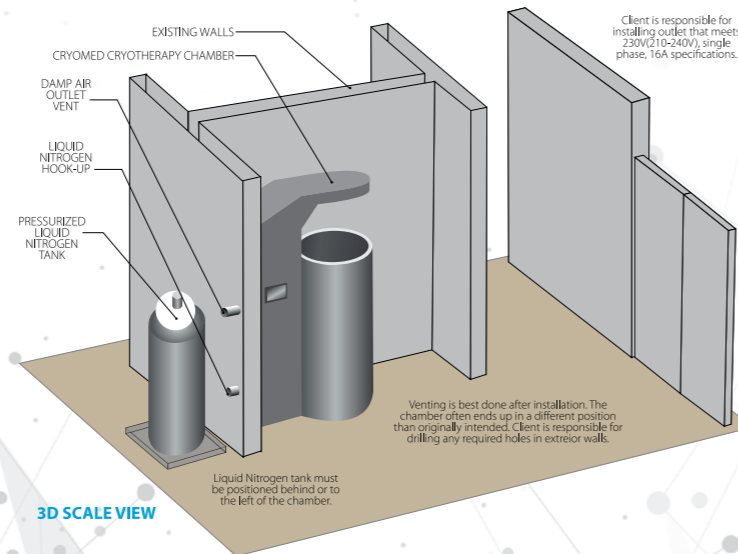
Pressurized type

Technical data:

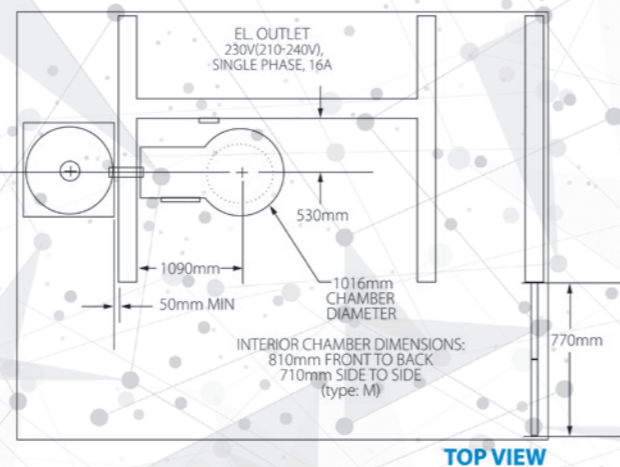
- Weight of the cryosauna does not exceed – 350 kg
- Machine measurements
2440 mm H × 1016 mm W × 1600 mm L
2200 mm H × 1016 mm W × 1600 mm L
(without superstructure)
- Room size for cryosauna should be at least
2800 mm × 2800 mm with 2500 mm ceiling height
2800 mm × 2800 mm with 2250 mm ceiling height
(without superstructure)
- Power consumption: no more than – 1.6 kW
- Mains voltage – 230 V/16 A
- Type circuit breaker - “C”
- Mains frequency – 50-60 Hz
- Acoustic pressure – less than 70 dBa

Certifications

- CE: 171299010
- ISO 13485



3D SCALE VIEW



FRONT VIEW

TOP VIEW

Technical characteristics

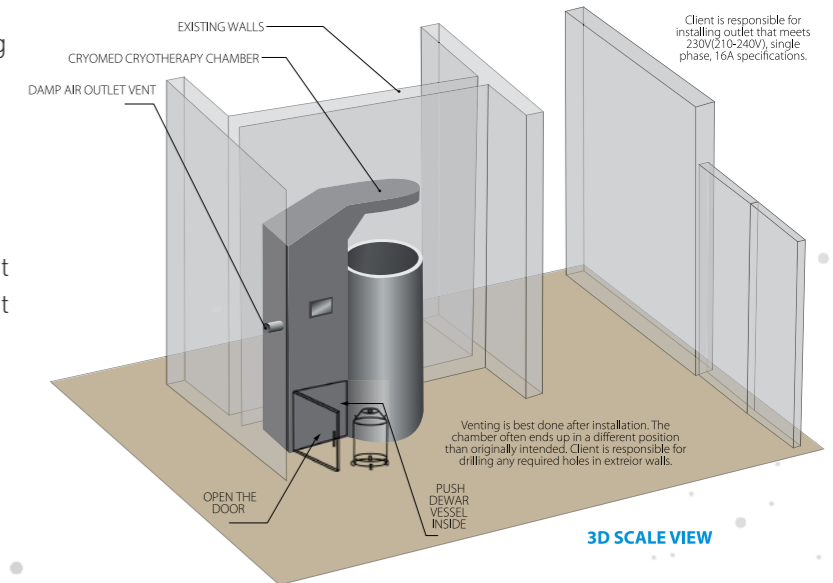
Dewar type

Technical data:

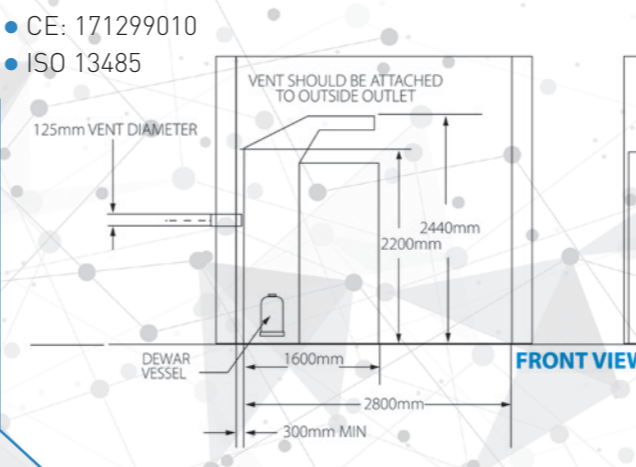
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3D SCALE VIEW



FRONT VIEW

TOP VIEW



Matter of fact



15 years of cooperation

During this time we have developed various methods to improve our products.



51 countries all around the world

Our products are used all over the world, which demonstrates their high quality



1190 satisfied customers

More important than the numbers for us is to satisfy our customers with our services.



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