



CRYOCHAMBER

A multi-person cryogenic chamber, designated to perform the whole body cryotherapy treatments. Supplied with liquid nitrogen or liquid air, tailored to meet the needs of the most demanding clients. An outstanding feature is an open roof, thanks to which patients suffering from claustrophobia can also benefit from treatments. It also provides an ideal distribution of temperature inside the chamber. **Treatment in Juka cryochambers are refunded by National health Fund in Poland.**

PREEMINENT AND SAFETY

MAIN ADVANTAGES



- relatively low investment costs
- low operating costs
- low consumption of cryogenic gas
- very fast freezing
- quick reimbursement
- low local requirements
- simple operating
- direct contact with patient during treatment
- adjustable temperature and time of treatment for each group of patients individually
- thanks to the open roof, also people suffering from claustrophobia can benefit from treatments
- safety for patients during treatments
- meets the National Health Fund requirements for treatments refund

APPLIED TECHNOLOGIES:



- a unit consisting of initial chamber, main chamber and a technical room
- temperature and time adjustment in both initial and main chamber
- „open chamber“- no roof- thanks to that, also people suffering from claustrophobia can benefit from sessions. It also eliminates the problem of warmth generated by patient's body surface gathering underneath the insulated roof- as it has an adverse effect on temperature distribution in the cooling space
- forced circulation of cold ensures an even temperature distribution in the entire space
- materials for covering the internal walls of the cryochamber are characterized by low thermal capacity, so a small amount of energy is needed to freeze them
- oxygen sensors, analyzing the oxygen concentration, from which the reading is displayed on the operator's panel
- automatic shut-off of the nitrogen supply and ceasing the operation of the chamber in case of too low oxygen content

- the initial and main chamber doors are transparent and can be opened at every stage of the treatment
- the touch display gives the ability to control the operation modes of the chamber and control each stage of therapy
- a modular design allows even multiple transfers and installations in another room
- remote diagnosis function- allows the remote control of the cryochamber
- EC medical certificate in accordance with the European Medical Directive 93/42/EEC Annex VI

CERTIFIED AND TESTED



Technical specification: Cryosauna

<i>CRYOSAUNA DIMENSIONS</i>			
1.	External cryosauna dimensions		
	- Width /with cabin doors closed/	900	[mm]
	- Width /with cabin doors open/	1550	[mm]
	- Length	1600	[mm]
	- Height complete /with illuminated ceiling/	2450	[mm]
	- Height complete /without illuminated ceiling - option/	2250	[mm]
	- Height of cabin	1850	[mm]
2.	Weight of unit /cabin + one person/	345 + 80	[kg]
3.	Height of treatment participant	150 ÷ 200	[cm]
<i>CRYOSAUNA ELECTRICAL PARAMETERS</i>			
4.	Nominal electrical power usage.	to 1.5	[kW]
5.	Power supply	230/50	[V/Hz]
<i>CRYOSAUNA TECHNICAL PARAMETERS</i>			
6.	Temperature range in the CRYOSAUNA cabin during sessions /regulated/	-120 ÷ -160	[°C]
7.	CRYOSAUNA cabin freezing time /start/	4 ÷ 8	[min]
8.	Time of one session / regulated by an operator/	1 ÷ 3	[min]
9.	Nominal time of one session / prescribed/	1.5	[min]
10.	Maximum time of one session	3	[min]
11.	Maximum time period between successive sessions	2	[min]
12.	Automatic drying time of CRYOSAUNA cabin	90	[min]
<i>NOMINAL USE OF NITROGEN*</i>			
13.	Freezing CRYOSAUNA cabin	~ 8 - 10	[kg]
14.	In session duration	~ 1.0 – 1.5	[kg/min]
15.	In nominal session duration /1.5 min/	~ 1,5 - 2,5	[kg]
16.	For 10-person groups during sessions of 1.5 min/person, including freezing CRYOSAUNA cabin	~ 35	[kg]
17.	For 30-person groups during sessions of 1.5 min/person, including freezing CRYOSAUNA cabin	~ 80	[kg]
18.	Oxygen sensor sensitivity range	21 - 18	[%]

(*) Not including connection installation with cryogenic liquid nitrogen container.

OUR OFFER

15 YEARS PROVIDING SAFETY,
HIGH-END DEVICES
TO SUPPORT YOUR BUSSINESS







