

°CRYO SCIENCE
THE °CRYO ARCTIC SERIES



°CRYO Science

°CRYO Science is the leading innovator and manufacturer of all cryogenic applications and the inventor of the °CRYO Arctic chambers and °CRYO Penguin machines, two of the safest machines in the industry.

We adapt, execute, and progress. We pride ourselves in being forward thinkers and our state of the art cryotherapy equipment is the reason for our continuous growth. Our manufacturing facility is set up to the highest EU standards based out of Wroclaw, Poland.



We handle worldwide enquiries and installations tailored to meet your needs.



What is Cryotherapy?

Cryotherapy is the science of exposing the body to sub-zero temperatures in order to stimulate physical and mental health benefits. It reduces inflammation in the body by boosting an anti-inflammatory chemical called norepinephrine.

Cryotherapy also boosts blood circulation throughout the body which results in a higher metabolic and caloric burn rate. The treatment also increases the level of endorphins which can elevate mood and reduce stress.

In terms of beauty benefits, cryotherapy increases collagen production, which in turn tightens the skin, and brings forth a youthful glow.



Muscle Recovery



Health & Wellness



Pain Management



Beauty & Anti-aging



Weight Loss



What is Whole Body Cryotherapy?

Whole body cryotherapy (WBC) is a three minute treatment that exposes the entire body to extreme temperatures as low as -140°C in order to promote recovery, performance, wellness, beauty, and weight loss benefits.



Pain Management

WBC reduces pain and speeds up the injury recovery process. During a treatment, the body slows down nerve signal transmissions and releases a neurotransmitter that reduces pain sensitivity. The treatment also speeds up the recovery process by boosting the flow of nutrient-rich blood.



Performance & Fitness

WBC users can train harder, longer, and recover quicker, which helps them achieve maximum results from workouts. During a treatment, as temperatures rapidly cool, oxygen is pushed through the body to help reduce inflammation, relieve pain and recover the muscles.



Beauty & Anti Aging

WBC can help maintain a youthful appearance by reducing the signs of aging such as wrinkles and fine lines, while also tightening the skin and reducing cellulite. Cryotherapy stimulates collagen production in the deeper layers of skin resulting in a smoother, firmer and more youthful look.



Health & Wellness

Medical studies have shown that WBC helps individuals battle insomnia and induces deeper sleep. The treatment also reduces stress and anxiety, and improves the immune system and organ function.



Weight Loss

WBC promotes natural loss of weight. The treatment helps stimulate blood flow throughout the body and boost the delivery of oxygenated blood, which leads to the increase of metabolic rate.





°CRYO ARCTIC Series

The °CRYO Arctic series is designed to deliver the easiest, safest, and most effective whole body cryotherapy treatments in the industry. Built using state of the art technology, and created to ensure that the client is never in direct contact with nitrogen vapors, the °CRYO Arctic series matches its futuristic design with the highest safety standards.

The user-friendly and streamlined interface is equipped with a library of °CRYO protocols to ensure a simple yet effective user journey.

The °CRYO Arctic series consists of two models: °CRYO Arctic, and °CRYO Arctic LITE. The main differences between the two models is that:

- (1) The °CRYO Arctic features a window with auto slider that toggles between a whole body cryotherapy and partial body cryotherapy system. The °CRYO Arctic LITE achieves this using manual mechanism to open and close the window.
- (2) The °CRYO Arctic delivers a premium customer experience with a client facing screen showing relevant information, a dual tone interior finish (vs single tone on the LITE) and a reporting system available by default (add-on available on LITE).



°CRYO ARCTIC Series - Features



°CRYO ARCTIC Series - Features Comparison

	Features	°CRYO Arctic	°CRYO Arctic LITE
Treatment Types	Whole Body Cryotherapy (WBC)	✓	✓
	Partial Body Cryotherapy (PBC)	✓	✓
Treatments	Air Flow Control	✓	✓
	Temperature Control	✓	✓
	°CRYO Pro Mode	✓	✓
	Reporting system	✓	⊗ (can be upgraded)
Safety Features	Air Flow Control	✓	✓
	Temperature Control	✓	✓
	°CRYO Pro Mode	✓	✓
Features	Digital touchscreen to control the °CRYO Arctic	15.6"	10"
	Client facing screen to display time remaining and marketing text	✓	⊗
	Window can be closed for WBC or open for PBC	Automatic	Manual
	Troubleshooting with Wi-Fi capability	✓	✓
	High quality speakers to play music via Bluetooth	✓	✓
	Audio communication system between operator and client	✓	✓
	Interior Finish	Dual Tone	Single Tone
Nitrogen Vessel	Average Liquid Nitrogen Consumption	12L per session	12L per session

°CRYO ARCTIC Series - Technical Specifications



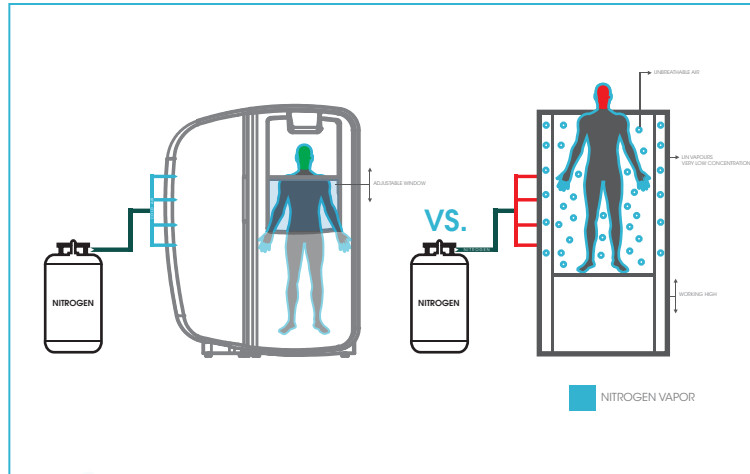
°CRYO Arctic	
Height	2300 mm / 91 in
Width	1800 mm / 71 in
Depth with door	1000 mm / 41 in
Number of shipping crates	3
Total Weight without crates	410 kg / 904 lbs
Total Weight with crates	750 kg / 1655 lbs
Cooling Medium	Cryogenic Liquid Nitrogen (LIN)
Temperature within chamber	-110 to -140°C / -166°F to -266°F
Electrical requirements	230 V, 50Hz/110V, 60Hz

°CRYO Arctic LITE	
Height	2300 mm / 91 in
Width	1800 mm / 71 in
Depth with door	1000 mm / 41 in
Number of shipping crates	2
Total Weight without crates	370 kg / 815 lbs
Total Weight with crates	700 kg / 1565 lbs
Cooling Medium	Cryogenic Liquid Nitrogen (LIN)
Temperature within chamber	-110 to -140°C / -166°F to -266°F
Electrical requirements	230 V, 50Hz/110V, 60Hz

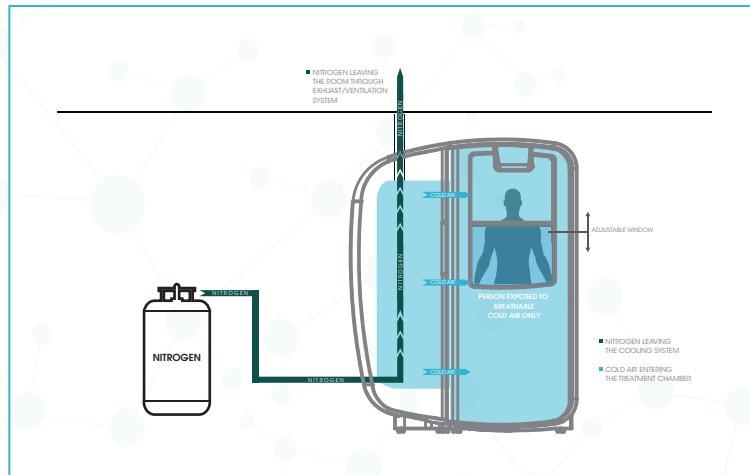
°CRYO ARCTIC WHOLE BODY CHAMBER COOLING PROCESS

HIGHEST SAFETY STANDARDS - NO DIRECT CONTACT WITH NITROGEN

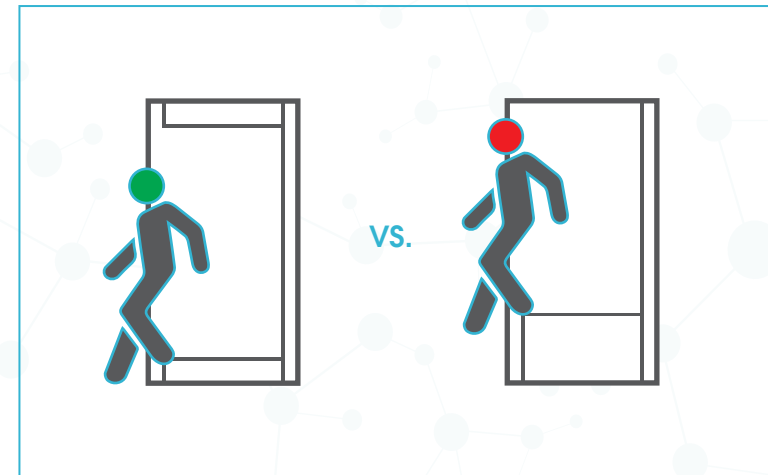
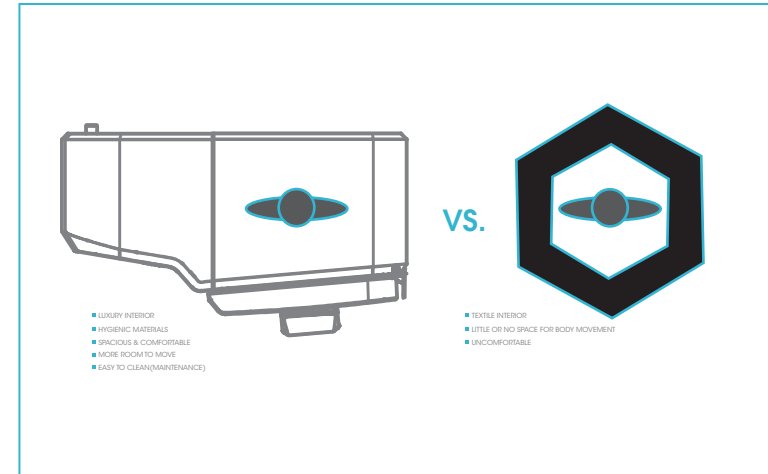
Unlike other cryotherapy chambers, the °CRYO Arctic only exposes the client to breathable cold air, and not to harmful Nitrogen gas. Nitrogen is used only as a cool medium and does not come into contact with a person inside.

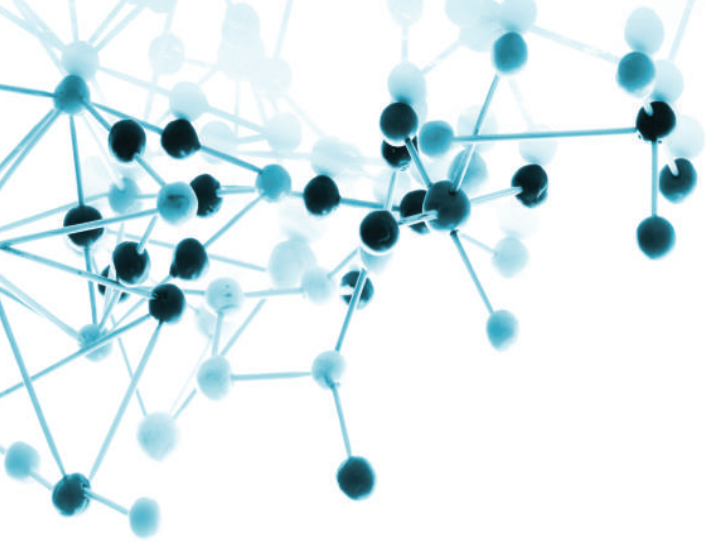


The °CRYO Arctic has an adjustable window in case the client would like to have his head above the air vapor.



The °CRYO Arctic has more space for clients to move around inside the chamber and not feel claustrophobic.





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