



CryoCloud P100

Welcome to the CryoCloud P100, the premier professional dry floatation system.

The P100 is engineered to provide the physiological benefits of cold immersion therapy—reduced inflammation, accelerated muscle recovery, and metabolic stimulation—without the inconvenience of getting wet.



Instruction Manual

CryoCloud P100

SPECIFICATIONS		
Model	P100 (Cold Therapy Configuration)	
Voltage	220V–240V AC (Standard US Heavy Duty)	
Frequency	60 Hz	
Amperage	16 Amp Dedicated Circuit	
Cooling Power	3080 Watts (3 HP Industrial Chiller)	
Temperature Range	41–43 °F	
Max Water Capacity	500 Liters (~132 Gallons)	
Maximum User Load	661 lb (300 kg)	

Component	Dimensions (L x W x H, in)	Net weight (lb)
Float bed	98.4 x 47.2 x 25.6	563
Chiller unit	31.1 x 28.0 x 23.6	198

Pre-Installation & Site Logistics

Electrical Setup

Mandatory Professional Install: A certified electrician must install a dedicated 220V–240V circuit using the provided earthed industrial plug and base.

Warning: Do not attempt to use a standard US 110V/15A outlet. The system draws 3500W during peak cooling; insufficient voltage will damage the 3 HP chiller and void the warranty.



Unloading & Placement

Forklift Requirement: Due to the 563 lb dry weight and oversized dimensions, you must have a forklift on-site to unload the unit from the delivery truck.

Chiller Location: The industrial chiller generates moderate noise and heat during the cooling cycle. For the best user experience, we recommend placing the chiller unit in a separate equipment room or behind a sound-dampening partition.

Range: The connection pipes and communication cables allow for a maximum distance of 13 feet (4 meters) between the bed and the chiller unit.



Initial Setup & System Priming

Filling the Water Membrane

1. **Inlet Connection:** Attach your water source to the Red Inlet Valve on the bed frame.
2. **Pipe Integration:** Securely connect the two white insulated pipes between the chiller and the bed.
3. **The 5/6 Rule:** Fill the patented membrane until it is approximately 83% (5/6) full.

Note: Never fill the membrane completely. The remaining 1/6 of space is required for displacement when the user is lowered into the bed.

4. **Sealing:** Once filled, close the inlet valve by turning it counter-clockwise until hand-tight.



Bleeding the System (Air Removal)

If the chiller displays a flow error or the pump sounds “hollow,” there is air trapped in the lines.

- Locate the red air-bleeding valve on the chiller unit.
- Twist the valve to align with the release hole.
- Wait for air to hiss out. Once a steady, solid stream of water exits the hole, close the valve immediately.



Operation Instructions

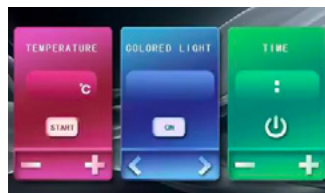
Temperature & Chromotherapy Setup

Pre-Cooling: The P100 cools at a rate of approximately 18 degrees Fahrenheit (10 degrees Celsius) per hour. To reach the therapeutic target of 41 degrees Fahrenheit from room temperature, start the system at least 2 hours prior to the session.

Interface Controls:

Temp: Use the [+] and [-] icons on the touch-screen or remote to set your target.

Lights: The system features 7-color LED Chromotherapy. Use the [<] and [>] icons to cycle through colors and the center [ON/OFF] button to activate the lights.



Managing the Session

Entry: Have the user lie on the dry membrane.

Audio: Sync the provided Bluetooth headset to the user's preferred relaxation media.

Immersion: Press [START]. The motorized platform will slowly lower the user up to 10 inches (25cm) into the chilled water membrane.

Buoyancy Adjustment: To achieve a deeper “wrap” around the body, briefly open the red valve while the user is lying on the lowered platform to release excess air.

Thermal Protection: Wrap the user in the provided 8.2ft x 8.2ft (2.5m x 2.5m) thermal blanket. This maintains core body heat while allowing the cold to focus on the musculoskeletal system.

Safety: Ensure the user is aware of the Emergency Stop Button, which immediately halts the session and raises the platform.

Maintenance & Safety Standards

Bladder Integrity: The patented membrane is a precision-engineered material. Users must remove all jewelry, watches, and sharp accessories. Check for long or sharp fingernails, as punctures require specialized repair.

Hygiene: Wipe the membrane surface after every session using a non-corrosive, medical-grade disinfectant. It is recommended that users wear disposable protective clothing.

Warranty: Protocol⁴ provides a one-year guarantee from the date of purchase, covering all parts and technical services for the P100 under normal operating conditions.

