POLYTROPIC

Cryo 290

Precision cooling, down to 5°C



Remote control. Secure monitoring.

4G optional

FULL INVERTER

POLYSOLAR MODE

COOLING

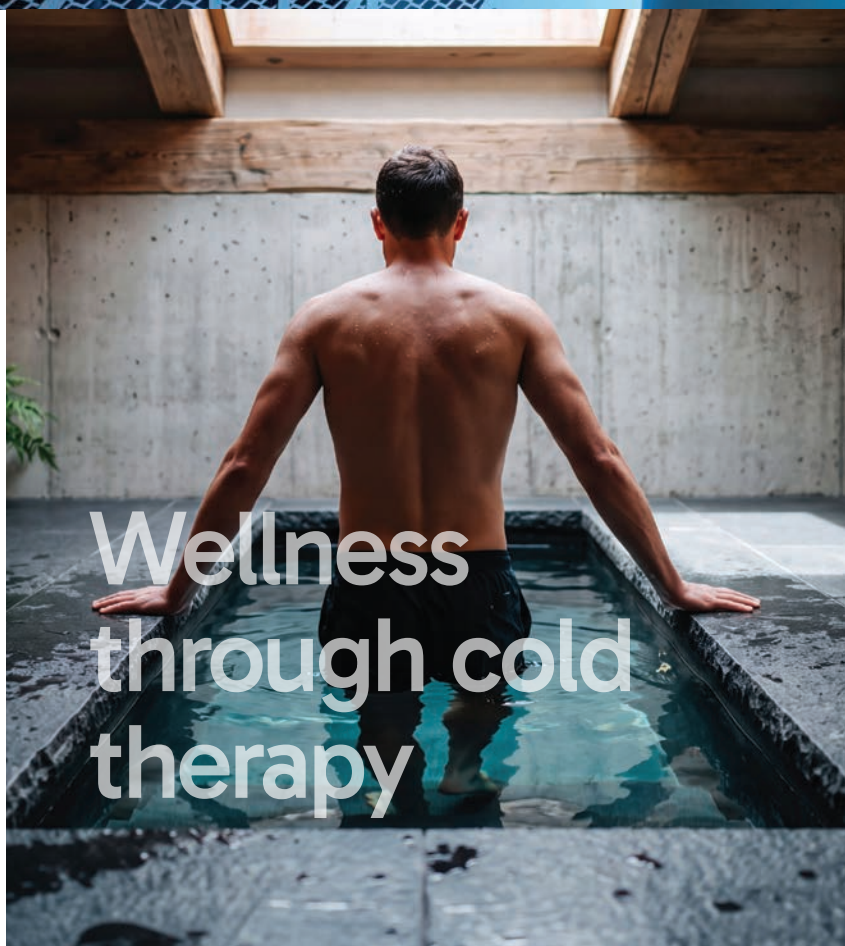


Cryo 290

-10°C

WARRANTY 3 YEARS POLYTROPIC

Specially developed to cool water **down to 5°C**, Cryo 290 meets the demands of cryotherapy, whether for **physiotherapy, sports recovery or wellness**. Full Inverter technology ensures precise, stable temperature control while **reducing energy consumption by 30%** compared with a conventional system.



Wellness through cold therapy

OPTIMISED PERFORMANCE

- An evaporator with «blue fins» treatment for improved corrosion resistance and effective condensate drainage (hydrophobic)
- An oversized, efficient, corrosion-resistant spiral PVC/titanium heat exchanger
- DC Brushless: a variable-speed fan with precise rpm control for optimum performance

INTELLIGENT OPERATION

PolySmart Control

The heat pump automatically adjusts its output to meet your system's cooling requirements according to the water and ambient temperatures.

SIMPLE AND INTUITIVE CONTROLS

Stylish LCD touchscreen

Cooling mode only

ALL-WEATHER PERFORMANCE

- Reverse-cycle defrosting
- Compressor crankcase preheating
- Condensate anti-freeze system
- Automatic control of the low-temperature system

CONNECTED SOLUTION

PolyConnect inside

Built-in Wi-Fi module (optional 4G dongle) for remote control via smartphone and continuous monitoring by the TechniCenter.

FINISH

Galvanised steel casing with epoxy paint finish

CRYO 290 | Technical specifications

MODEL	CRYO 290
Air 32°C / Water 5°C	
Energy Output BOOST mode	3,9 kW
Energy Efficiency Ratio (EER)	2,0
Air -10°C / Water 5°C	
Energy Output BOOST mode	5,3 kW
Energy Efficiency Ratio (EER)	5,2
Noise level min-max (at 10m) acc. to EN ISO 3741:2010	21 ~ 30 dB(A)
Noise level min-max (at 10m) acc. to EN ISO 3744:2010	18 ~ 27 dB(A)
Temperature working range	-10 °C → +43 °C

INSTALLATION

Hydraulic connections	1,5'' / 50 mm
Power	230 V / 1~+N / 50 Hz
Circuit breaker and cable size (for 20 m)	C 10 A (3G 2,5 mm²)
Power Input Max	2,2 kW
Minimum water flow	3,5 m³/h
Dimensions in mm (L x W x H)	924 × 452 × 675
Weight net (gross)	66kg (81kg)

Design and production: anoukmoncet.fr – Photo credits: POLYTROPIC. Some visuals in this document were created using artificial intelligence – 10/2026.

www.polytropic.com
4 Chemin des Eclapons - 69390 VOURLES - FRANCE
+33 (0)4 78 56 93 90 - polytropic@polytropic.com