



POLYTROPIC

• POOL HEATING SOLUTIONS •



CRYO INVERTER

Cryotherapy specific

A FULL-INVERTER TECHNOLOGY MACHINE SPECIFICALLY DEVELOPED TO COOL WATER DOWN TO 5°C as part of physiotherapy and cold treatments for medical, sports and well-being purposes.

Thanks to Full-Inverter technology, the CRYO PAC adjusts its operation according to the actual needs of the pool: peace of mind, longer equipment life and 30% energy savings compared with a conventional heat pump.

- Conventional installation like a standard pool heat pump
- Anti-UV ABS casing



Equipment benefits



SIMPLE AND INTUITIVE OPERATION

An intelligent electronic controller.



OPTIMAL PERFORMANCES

A condenser with 'blue fins' treatment for improved corrosion resistance and good condensation drainage (hydrophobic).



An efficient, oversized PVC/Titanium spiral evaporator that is impervious to corrosion.



DC Brushless : a fan with variable speed down to the rpm to ensure optimum performance.



INTELLIGENT OPERATING MODE

PolySmart Control : The heat pump regulates its own power to adapt to the needs of your pool, depending on the water temperature and the ambient temperature.



EXCLUSIVE «LOW TEMPERATURE» SYSTEM

- Defrosting by cycle inversion,
- Compressor crankcase preheating,
- Condensate anti-freeze system,
- Automatic control of the «low temperature» system.

ACCESSORIES INCLUDED : winter cover, hydraulic connections, Silentblocks

Technical specifications

MODEL	CRYO INVERTER
Air 32°C / Water 5°C	
Energy Output BOOST mode	3,8 kW
Energy Efficiency Ratio (EER)	2,7
Noise level CTTM min-max (at 10m) according to EN ISO 3741 : 2010 *	28 ~ 35 dB(A)
Noise level min-max (at 10 m) according to EN ISO 3744 : 2010	25 ~ 32 dB(A)
Temperature working range	-10°C -> +43°C
Installation	
Hydraulic connections	1,5"/50 mm
Power	220-240 V / 1~+N / 50 Hz
Intensity (maximum)	6,3 A (7,8 A)
Recommended circuit breaker and cable size	C 10 A (3G*2,5 mm ²)
Max power input	2 kW
Minimum water flow	4 m ³ /h
Dimensions in mm (L x l x h)	958 x 380 x 569
Weight (net)	33 kg (43 kg)

*Certified by the independent testing laboratory CTTM according to EN ISO 3741 : 2010.

A simple and effective after-sales service

FOR ALL PROFESSIONALS AND PRIVATE INDIVIDUALS

- **Technical support** for installers: selection, installation and commissioning
- **After-sales diagnostics** directly with the customer.
Initiates and carries out all necessary procedures without the need for written confirmation.
- **All calls taken into account: technical questions, applications, etc.**
- 130 technical stations in France and around **90 others in Spain, Germany, Benelux, the UK and Switzerland.**
- **Rapid interventions** in the shortest possible time

