SolarEast



Reimagine Pool Comfort with New Pool

9kW full inverter pool heat pump is built for smart, efficient, and modern heating. It features IoT monitoring for real-time system insights and remote diagnostics.

Equipped with R32 refrigerant, it offers low-GWP performance and greater energy efficiency.

The advanced Wi-Fi module supports both 5G and 2.4G networks, making remote control seamless and reliable. Full DC inverter technology ensures stable temperature control with lower energy consumption.

Operating noise stays as low as 50dB(A), creating a peaceful backyard experience.
The sleek, black design adds a premium touch to any outdoor space. Ideal for pools between 20–40m^3, it suits a wide range of residential needs.

It also supports multiple wired controller options, giving users more flexibility in installation and daily operation. Whether for style, silence, or smart connectivity, this heat pump delivers an all-around better swimming experience.

R32 Refrigerant
Lower GWP, environmentally friendly and energy efficient.

Supports multiple WiFi signals
Supports both 5G and 2.4G wireless connectivity.

Quiet Operation
Operates at 50dB(A), perfect for residential pool areas.

Full DC Inverter Control
Stable heating, better efficiency, longer system life.

Modern & Sleek Design
Stylish black casing matches contemporary outdoor settings.

Ideal for 20–40m^3 Pools
Covers small to medium-sized private pool installations.

Flexible Control Options
Compatible with multiple wired controller configurations.

IoT Monitoring System
Enables real-time performance tracking and remote diagnostics.

Inverter Technology

swimming pool heat pump

SolarEast

6～16 COP

-15～43℃ Operation Temp.



R32 Eco-friendly

50 dB(A) Low Noise

T E C H N I C A L D A T A

Model			BYC-009TP1
Power Supply			220-240V～/50Hz(60Hz)
Heating capacity1 Max./Min	at Air 26℃, Humidity 80%, Water 26℃in,28℃out	kW	11.41～4.22
Heating Power Input Max./Min		kW	1.76～0.263
COP Max./Min		w/w	6.48～16.05
Heating capacity2 Max./Min	at Air 15℃, Humidity 70%, Water 26℃in	kW	8.22～2.86
Heating Power Input Max./Min		kW	1.78～0.47
COP Max./Min		w/w	4.61～6.09
Cooling capacity Max./Min	at Air 35℃, Water 27℃in	kW	5.26～2.89
Cooling Power Input Max./Min		kW	1.24～0.50
EER Max./Min		w/w	4.24～5.78
Noise level		dB(A)	50
Power Input Max.		kW	2.20
Current Input Max.		A	10.20
Heating Ambient Temperature		℃	-15～43
Cooling Ambient Temperature		℃	15～43
Heating Water side operating temperature		℃	8～40
Cooling Water side operating temperature		℃	28～8
Refrigerant Type／Charge／GWP		kg	R32 /0.72/ 675
CO_2 Equivalent		/	0.486t
Operation Pressure(Low Side)		MPa	1.60
Operation Pressure(High Side)		MPa	4.15
Maximum Allowable Pressure		MPa	4.40
Electrical Shockproof		/	I
IP Class		/	IPX4
Water Piping Connections		mm	50
Water Pressure Drop		kPa	15
Water Pressure Max		MPa	0.4
Water Flow Rated		m^3/h	4.60
Unit Dimensions (W/H/D)		mm	896*363*641
Shipping Dimensions (W/H/D)		mm	990*435*770
Net Weight		kg	50
Shipping Weight		kg	61

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