



## FANTASTIC R32 COP16 HEAT PUMP FOR POOL 21 KW DC INVERTER

Reference: FIP21S

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The heat pump FANTASTIC R32 COP16 for pool is equipped with a double inverter rotary compressor, capable of delivering a maximum heating power of 21 kW.

Thanks to intelligent inverter control technology, 1 kW input brings up to 15 kW of power. Maintaining the pool temperature during most seasons, the inverter pool heat pump operates at low speed.

Once the heat pump is switched on, the inverter unit can quickly select the best operating frequencies for the compressors and fan motors, and the heat pump's EEV automatically opens according to heating or cooling needs through the inverter's intelligent control technology for first heating.

The FANTASTIC R32 COP16 pump has the possibility of being regulated at 3 levels of operating intensity, which can be adjusted according to requirements: Powerful-Smart-Silent, thanks to the possibility of selecting the most appropriate function you can achieve great cost savings.

The heat exchanger of the FANTASTIC R32 COP16 pump adopts high-efficiency threaded tubes with a compact design, with heat transfer efficiency is twice as good as a conventional heat exchanger, regardless of heating or cooling. The FANTASTIC R32 COP16 pool heat pump can operate at only -15°C and can provide pool heating. This results in less heating in the colder months and maximises your bathing season.

The FANTASTIC R32 COP16 pump is equipped with Wi-Fi with which you can check the status of the machine whenever you need to. By downloading the dedicated App, with a simple and accessible interface, you can control all the main functions via your smartphone.

#### TECHNICAL FEATURES FANTASTIC R32 COP16:

Heating capacity: air 26 ° C, humidity 80%, internal water 26 ° C and external 28 ° C

Heating power (kW): 21.42 ~ 4.86

Energy consumption (kW) : 3.07 ~ 0.30

COP: 15.96 ~ 6.98

Heating capacity: air 15 ° C, humidity 70%, internal water 26 ° C and external 28 ° C

Heating power (kW) : 15.92 ~ 3.61

Power consumption (kW): 3.19 ~ 0.47

COP: 7.68 ~ 4.99

Cooling capacity: air 35 ° C, internal water 29 ° C and external 27 ° C

Cooling capacity (kW): 11.60 ~ 2.96

Power consumption (kW): 3.06 ~ 0.43

EER: 6.93 ~ 3.79

Power supply: 220 ~ 240V / 1 / 50Hz

Nominal energy consumption: 3.2 kW  
Nominal current (A): 14.6  
Refrigerant: R32  
Compressor: inverter  
Fan motor: DC  
Controller: inverter  
Wifi control: yes  
Heat exchanger: titanium  
Direction of air flow: Horizontal  
Water flow: 6.5  
Type of defrost: through 4 valves  
Inter working temperature range (°C): -15 ~ 43  
Noise level (dBA): from 10m < 23 ? < 31  
Shell material: ABS plastic  
Water resistance: IPX4  
Width: 1020 mm  
Length: 430 mm  
Height: 930 mm  
Net weight: 85 kg

Are you looking for a product with different technical characteristics? [HERE](#) you can find the area dedicated to pool heat pumps of specialized brands.

Non-binding images and technical data.

## Technical Sheet

Phase	Single phase
Frequency (Hz)	50
Voltage (V)	230
Protection degree	IPX4
Main body material	ABS plastic
Operating temperature (°C)	-15~43
Refrigerating yield	21 KW
Heating power	11.6 KW
Acoustic pressure	21 dB(A) from 10m
Length (mm)	1020
Width (mm)	430
Height (mm)	930
Dry weight (Kg)	85
Coolant	R32