



## FANTASTIC R32 COP16 HEAT PUMP FOR POOL 30 KW DC INVERTER

Reference: FIP30S

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The heat pump FANTASTIC R32 COP16 for swimming pool is equipped with a dual inverter rotary compressor, capable of delivering a maximum heating power of 30 kW.

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

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 economic 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 exchanger, regardless of heating or cooling. The FANTASTIC R32 COP16 swimming 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 swimming season.

Compared to the traditional fixed frequency heat pump, the R32 COP16 heat pump with inverter can adjust the operating power to avoid running at a fixed power all the time for substantial energy savings. The FANTASTIC R32 COP16 heat pump heats the swimming pool in all environmental conditions. In addition, the FANTASTIC pump is equipped with a titanium spiral heat exchanger, housed in a protective ABS plastic shell, equipped with an electronic expansion valve (EEV) and a soft start system, all components are meticulously selected to ensure a long life of the system.

The pump is equipped with a Wi-Fi remote control with which you can check and find out about the working status of the machine anytime and anywhere on your smartphone, even if you're away from home.

#### TECHNICAL FEATURES FANTASTIC R32 COP16:

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

Heating power (kW): 30.05 ~ 6.83

Energy consumption (kW) : 4.30 ~ 0.42

COP: 16.26 ~ 6.99

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

Heating power (kW) : 22.05 ~ 5.00

Energy consumption (kW): 4.42 ~ 0.65

COP: 7.69 ~ 4.99

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

Cooling capacity (kW): 15.88 ~ 3.92

Power consumption (kW): 4.19 ~ 0.56

EER: 6.99 ~ 3.79

Power supply: 220 ~ 240V / 1 / 50Hz  
Nominal energy consumption: 4.4 kW  
Nominal current (A): 20.1  
Refrigerant: R32  
Compressor: inverter  
Fan motor: DC  
Controller: inverter  
Wifi control: yes  
Heat exchanger: titanium  
Direction of air flow: Horizontal  
Water flow: 9  
Type of defrost: through 4 valves  
Interva Working temperature llo (°C): -15 ~ 43  
Noise level (dBa): from 10m < 24 ? < 33  
Shell material: ABS plastic  
Water resistance: IPX4  
Width: 1150 mm  
Length: 430 mm  
Height: 1100 mm  
Net weight: 93 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	30 KW
Heating power	15.8 KW
Acoustic pressure	24 dB(A) from 10m
Length (mm)	1150
Width (mm)	430
Height (mm)	1100
Dry weight (Kg)	93
Coolant	R32