



## FANTASTIC AIR-WATER HEAT PUMP EVI DC R32 THREE-PHASE 17,5KW INVERTER

Reference: FEIHCD050S3

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The heat pump FANTASTIC EVI DC R32, perfect for heating and cooling air and water, equipped with a 4 core inverter, which allows incredible energy savings and silence.

Once switched on, the FANTASTIC unit can quickly select and choose the best operating frequencies, the EEV opens automatically according to the request for heating or cooling. Thanks to the intelligent inverter control technology, the environment can be heated in half the time compared to traditional heat pumps.

The EVI + DC technology is able to optimize the frequency and EEV of the FANTASTIC EVI DC R32 heat pump based on the ambient temperature, the water temperature and the refrigerant volume of the main circuit of the refrigerant system.

The inrush current to the inverter / heater is used to provide the desired temperature and control the power consumption of mechanical equipment. It can replace traditional liquid cooling systems, stoves or boilers. The FANTASTIC EVI DC R32 heat pump can be used to provide refrigeration services in sectors such as food, pharmaceutical, chemical, pharmaceutical, cleaning and other services.

The RS485 intelligent controller is used to control the connection between the heat pump unit and the application to improve the operational efficiency. Through the APP you can check the status of the machine at any time you need it. By downloading the dedicated App, with a simple and accessible interface, you can control all the main functions via your smartphone.

#### TECHNICAL FEATURES FANTASTIC EVI DC R32:

Heating conditions: air DB20 ? / WB 15 ?, water from 15 ? to 55 ?  
Heating capacity: 17.5 KW  
Input power: 3.82 KW  
Input current: 5.81 A  
COP: 4.60 W / W  
Cooling conditions: air DB 35 ? / -, water inlet: 12 ?, water outlet: 7 ?  
Cooling capacity: 12.5 KW < br / > Input power: 4.70 KW  
Input current: 8.7 A  
Maximum current: 11.30 A  
Power supply: 380/3/50 (V / PH / Hz)  
Controller: Inverter  
Compressor: DC compressor  
Fan motor: DC  
Refrigerant flow control: Electric expansion valve  
Heat exchanger: High efficiency tubular  
Liquid cooling: R32 / R410a  
Water inlet / outlet: 1 "

Water flow: 2.15 m<sup>3</sup> / h  
Length: 1130 mm  
Width: 515 mm  
Height: 1415 mm  
Net weight: 182 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	Three phase
Frequency (Hz)	50
Voltage (V)	380
Operating temperature (°C)	-15~43
Refrigerating yield	12.5 KW
Heating power	17.5 KW
Acoustic pressure	55 dB(A)
Length (mm)	1130
Width (mm)	515
Height (mm)	1415
Dry weight (Kg)	182
Coolant	R32/R410a