



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

Reference: FEIHCD050S

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The heat pump FANTASTIC EVI DC R32 is 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 control technology of the inverter, 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. Even when the ambient temperature is below -15 °, the heat pump maintain the same good rated heat output without any additional auxiliary units.

The RS485 intelligent controller is used to control the connection between the FANTASTIC EVI DC R32 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 15 ° to 55 °
Heating capacity: 17.5 KW
Input power: 3.85 KW
Input current: 17.5 A
COP: 4.55 W / W
Cooling conditions: air DB 35 ° / -, water inlet: 12 °, water outlet: 7 °
Cooling capacity: 12.5 KW
Input power: 4.70 KW
Input current: 21.36 A
Maximum current: 27.80 A
Power supply: 220/1/50 (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 m³ / h

Length: 1150 mm
Width: 470 mm
Height: 1250 mm
Net weight: 180 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
Operating temperature (°C)	-15~43
Refrigerating yield	12.5 KW
Heating power	17.5 KW
Acoustic pressure	55 dB(A)
Length (mm)	1150
Width (mm)	470
Height (mm)	1250
Dry weight (Kg)	180
Coolant	R32/R410a