



## VITRIFRIGO MACS 7000 HEAT PUMP SINGLE-BLOCK NAUTICAL AIR CONDITIONER 7000 BTU/h

Reference: 0700-0001

### VITRIFRIGO MACS7000 NAUTICAL AIR CONDITIONER

The VITRIFRIGO MACS7000 Nautical Air Conditioner represents the latest innovation in cooling systems, designed to ensure optimal comfort in single or adjacent environments.

With capacities ranging from 7,000 to 16,000 BTU/h, the VITRIFRIGO MACS7000 Nautical is suitable for a wide range of environments, offering the flexibility needed to meet various conditioning needs. Its monoblock structure, consisting of compressor, condenser, evaporator, and fan, makes it ideal for use in any season, ensuring constant comfort on board boats.

Thanks to its compact dimensions and lightweight of only 23 kg, the VITRIFRIGO MACS7000 Nautical is easy to install and suitable even for limited spaces. Its 230V/50Hz power supply ensures easy integration with the existing electrical system on board.

The technical specifications of the VITRIFRIGO MACS7000 Nautical are impressive: with a nominal cooling capacity of 7000 BTU/h and a nominal heating capacity of 7800 BTU/h, it can effectively manage indoor climate in any condition. Furthermore, its low energy consumption and operational efficiency make it an economical and environmentally friendly choice.

The treated air flow rate of 400 m<sup>3</sup>/h ensures uniform air distribution within the environment, while the recommended pump capacity of 600 l/h ensures optimal operation of the conditioning system.

In summary, the VITRIFRIGO MACS7000 Nautical Air Conditioner represents the ideal solution for cooling on board, offering high performance, reliability, and unmatched comfort. With its advanced design and high-level technical features, it is the perfect choice for those seeking a superior quality cooling system for their vessel.

#### Technical Features VITRIFRIGO MACS7000 Nautical:

Net weight: 23 Kg  
Power supply: 230V/50Hz  
Width: 454 mm.  
Height: 300 mm.  
Depth: 273 mm.  
Air delivery diameter: 102 mm.

Condensation drain pipe diameter: 18 mm.  
Panelboard dimensions: 245 x 188 x 64 mm.  
Nominal capacity in cooling mode (BTU/h): 7000  
Rated capacity in heating mode (BTU/h): 7800  
Rated consumption power (cooling mode) (kW): 0.6  
Rated power consumption (heating mode) (kW): 0.7  
Rated consumption in cooling mode (A): 2.6  
Nominal consumption in heating mode (A): 3  
Processed air flow rate (mc/h): 400  
Recommended pump capacity (l/h): 600  
Rated machine current: 2.9 A  
Fan current: 0.46 A  
Compressor current: 2.5 A  
Compressor power: 555 W  
Fan power: 105 W  
Pump power: 43 W  
4-way valve power: 5.5 W  
Connection to control panel RS485  
Maximum connection cable length to the control panel: 20 m  
Refrigerant quantity: 360 g

VITRIFRIGO MACS7000 Nautical

Looking for a product with different technical characteristics? [Here](#) you can find the area dedicated to nautical air conditioners VITRIFRIGO or other specialized brands.

Images and technical data are not binding.

## Technical Sheet

Phase	Single phase
Frequency (Hz)	50
Voltage (V)	230
Outlet diameter thread type (mm/inches)	102 - 4
Absorbed average current, refrigerating (A)	
Absorbed average current, heater (A)	3
Inlet power, refrigerating (KW)	
Inlet power, heater (KW)	0.7
Maximum air flow rate (m <sup>3</sup> /h)	400
Length (mm)	273
Width (mm)	454
Height (mm)	300
Product type	Air conditioner
Coolant	R410A
Weight (Kg)	
Rated capacity in cooling mode (BTU/h)	7000

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Nominal capacity in heating mode (BTU/h)

7800

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