



CHILLER CLIMMA DC35 35000 BTU

Reference: MDC00351JNNNN

CHILLER CLIMMA DC35 35000 BTU CWS INVERTER DC 35 RC 230/1/50-60

The new Climma DC35 chiller is the latest new entry in the Climma DC serie of variable speed chillers; running from 5,000 up to 35,000 Btu. The smallest size on the market thanks to the unique water cooled inverter.

- Variable Output

Climma's new DC chiller is programmed to run at the optimum speed; depending on the heat load requirements, the compressor frequency varies controlling the output capacity from 5,000 to 35,000 Btu.

- Unique Water Cooled Inverter

Unique in the marine industry, Climma's water cooled inverter protects the compressor from excessive temperature and irregular voltage supply, allowing it to be installed in the engine room without additional ventilation.

- Climma Intelligent Control

Heating and cooling capacity is managed by the Climma Intelligent Control unit (CIC) which uses specially configured algorithms to ensure maximum efficiency.

- ECO mode

Climma DC chillers provide further efficiency gain through a special ECO mode. ECO mode enables the chiller to work when only a courtesy/night generator is working or even while on the dock with a limited shore power supply.

- No Start Load

Climma DC chiller requires no additional amps to start the compressor.

- Modularity

Each Climma DC chiller can be installed independently, or with a modular configuration up to 4 units, for system up to 140,000 Btu, achieving variable output with full redundancy.

Technical Sheet

Phase	Single phase
Frequency (Hz)	50 / 60
Voltage (V)	230
Cooling	Water
Maximum flow (m ³ /h)	1.8
Inlet diameter thread type (mm/inches)	16 mm Fresh Water / 25mm Sea Water
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Maximum permissible current (A)	13 A

Refrigerating yield	35000 BTU / 10 KW
Heating power	35000 BTU / 10 KW
Length (mm)	335
Width (mm)	342
Height (mm)	472
Dry weight (Kg)	48
Type of climate control	Chiller
Power consumption (W)	2200
Voltage regulator	Inverter
Coolant	R410A