



# CHILLER CLIMMA DC35 35000 BTU

## Product description:

### **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.



**Product features:**

Phase: Single phase

Frequency (Hz): 50 / 60

Voltage (V): 230

Cooling: Water

Maximum flow (m<sup>3</sup>/h): 1.8

Inlet diameter thread type (mm/inches): 16 mm Fresh Water / 25mm Sea Water

Outlet diameter thread type (mm/inches): 16 mm Fresh Water / 25mm Sea Water

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