

climarine

Controlling Environments In Harsh and Marine Areas



Climarine Overview

Due to the extreme environments in which they operate, the Oil & Gas, Marine and Petrochemical Industries demand high quality, long lasting Heating, Ventilation, Air Conditioning and Refrigeration (HVACR) systems. Our Climarine range satisfies that demand.

Climarine is our non-hazardous area equipment brand. Our range of robust Climarine units are manufactured under an ISO9001 quality system, designed using 3D technology and constructed to meet the requirements of the industries in which we specialise. Materials and components are specifically selected to promote long service life and optimum reliability. Our proven range is further enhanced by our capability to bespoke design and manufacture systems to meet clients' specific project requirements. In addition the standardisation of components across the range ensures spare parts are always readily available.



Products in the Climarine range include air handling units, water chillers, packaged and split air conditioning systems, pressurisation fans and fire dampers. Our systems can be applied to drilling control cabins, LER / control rooms, ROV power/ control rooms, laboratory modules, MWD/Mud logging units, wireline units, accommodation modules, cold stores, machinery spaces and many other environments.

- Robustly built for harsh and marine conditions.
- Bespoke design and engineering capability
- High quality, versatile and built to last.



Climarine Product Range

CM1

Air Cooled Water Chiller Unit

Standard Specifications

Nom Cooling Duty - 3kW - 350kW
 Nom Heating Duty - 3kW - 350kW
 Power Supply - 440v/3ph/60Hz
 Refrigerant - Ozone Friendly R417A

Typical Applications

Accommodation Modules
 LER Modules
 SCR Modules
 Transformer Rooms
 VSD Modules



CM2

Rooftop Packaged Air Conditioner

Standard Specifications

Nom Cooling Duty - 3kW - 7kW
 Nom Heating Duty - 3kW - 7kW
 Power Supply - 440v/3ph/60Hz
 Refrigerant - Ozone Friendly R417A

Typical Applications

Crane Cabins
 Logging Units
 Workshop Modules
 ROV Cabins



CM3

Through Wall Packaged Air Conditioner

Standard Specifications

Nom Cooling Duty - 3kW - 7kW
 Nom Heating Duty - 3kW - 7kW
 Power Supply - 440v/3ph/60Hz
 Refrigerant - Ozone Friendly R417A

Typical Applications

ROV Cabins
 Stores Modules
 Wireline Units
 Workshops



CM5

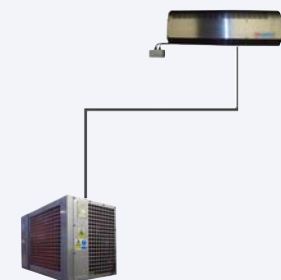
2 Piece Split Air Conditioning System

Standard Specifications

Nom Cooling Duty - 3kW - 40kW
 Nom Heating Duty - 3kW - 40kW
 Power Supply - 440v/3ph/60Hz
 Refrigerant - Ozone Friendly R417A

Typical Applications

Office Modules
 Control Rooms
 ROV power/control cabins
 MWD/Mud logging units
 Accommodation modules



CM6

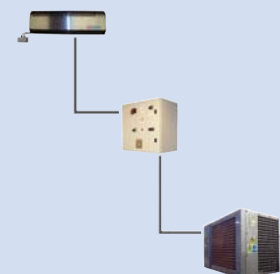
3 Piece Split Air Conditioning System

Standard Specifications

Nom Cooling Duty - 3kW - 12kW
 Nom Heating Duty - 3kW - 12kW
 Power Supply - 440v/3ph/60Hz
 Refrigerant - Ozone Friendly R417A

Typical Applications

Office Modules
 Control Rooms
 ROV power/control cabins
 MWD/Mud logging units
 Accommodation modules



Climarine Product Range

CM7

Air Conditioning Unit with Combined Purge & Pressurisation System

Standard Specifications

Nom Cooling Duty - 3kW - 40kW
 Nom Heating Duty - 3kW - 40kW
 Power Supply - 440v/3ph/60Hz
 Refrigerant - Ozone Friendly R417A

Typical Applications

Transformer Rooms
 Control Rooms
 LER Rooms
 VSD Modules



CM8

Air Cooled Condensing Unit

Standard Specifications

Nom Cooling Duty - 3kW - 300kW
 Nom Heating Duty - 3kW - 300kW
 Power Suppl - 440v/3ph/60Hz
 Refrigerant - Ozone Friendly R417A

Typical Applications

Accommodation Modules
 LER Modules
 SCR Modules
 Switch Rooms
 Transformer Rooms



CM9

Refrigeration System

Standard Specifications

Nom Cooling Duty - 3kW - 10kW
 Nom Heating Duty - n/a
 Power Supply - 440v/3ph/60Hz
 Refrigerant - Ozone Friendly R404A

Typical Applications

Cold Stores
 Freezer Rooms
 Portable Freezer/Chill Containers



CM10

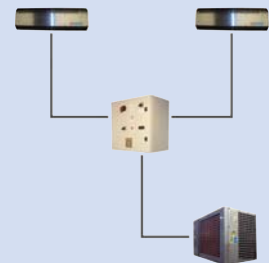
4 Piece Split Air Conditioning System with Capacity Control

Standard Specifications

Nom Cooling Duty - 3kW - 12kW
 Nom Heating Duty - 3kW - 12kW
 Power Supply - 440v/3ph/60Hz
 Refrigerant - Ozone Friendly R417A

Typical Applications

Office Modules
 Control Rooms
 ROV power/control cabins
 Accommodation Modules



CM11

Ducted Packaged Air Conditioner

Standard Specifications

Nom Cooling Duty - 3kW - 7kW
 Nom Heating Duty - 3kW - 7kW
 Power Supply - 440v/3ph/60Hz
 Refrigerant - Ozone Friendly R404A

Typical Applications

Transformer Rooms
 Office Modules
 Wireline Units
 Workshops



Climarine Product Range

CM12

CM12 Portable Air Conditioning Unit

Standard Specifications

- Nom Cooling Duty - 3kW - 7kW
- Nom Heating Duty - 3kW - 7kW
- Power Supply - 440v/3ph/60Hz
- Refrigerant - Ozone Friendly R404A

Typical Applications

- Office Modules
- ROV Modules
- Wireline Units
- Workshops



CM13

Air Handling Unit

Standard Specifications

- Power Supply - 440v/3ph/60Hz
- Casing Material - Stainless Steel
- Electric Heaters - 80/20 Nickel/Chrome
- Heat Exchanger - Copper/Copper

Typical Applications

- Offshore Living Quarters
- SCR Rooms
- Multi-module systems
- Galley Ventilation



CM14

External Wall Mounted Packaged Air Conditioner

Standard Specifications

- Nom Cooling Duty - 3kW - 7kW
- Nom Heating Duty - 3kW - 7kW
- Power Supply - 440v/3ph/60Hz
- Refrigerant - Ozone Friendly R417C

Typical Applications

- Transformer Rooms
- Office Modules
- Wireline Units
- Workshops



CM15

Fire and Gas Damper

Standard Specifications

- Frame - Stainless Steel
- Blades - Stainless Steel
- Bearings - Stainless Steel with Bronze bearings
- Shaft - Stainless Steel

Typical Applications

- Offshore Ventilation
- Marine Ventilation
- Naval Ventilation



Full Technical Data Sheets are available for all units on request



HVAC & Refrigeration Engineering Ltd - Products Division
Unit A, Broadfold Road, Bridge of Don, Aberdeen, AB23 8EE

t (+44) 01224 707080 e info@climarine.com www.climarine.com