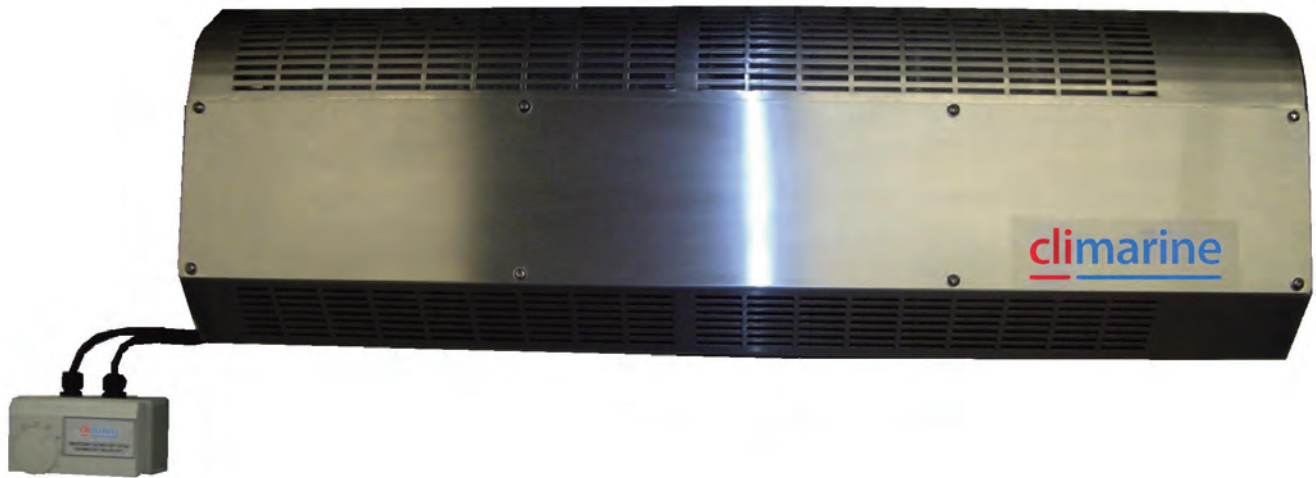


CM6 3 Piece Split Air Conditioning System



Controlling Environments in Harsh and Marine Areas



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CM6 3 Piece Split Air Conditioning System

Introduction

Climarine CM6 3 Piece Split Air Conditioning System are robustly designed and constructed for use in the harsh offshore, marine and petrochemical environment.

Our team of dedicated, highly skilled engineers and technicians use their extensive knowledge, experience and the latest 3D technology to continually develop and update our designs.

Materials and components are selected to provide resistance to corrosion, long service life and optimum reliability along with standardisation of common components across the range to ensure spare parts are always readily available at competitive prices.

System Description

The configuration options offer versatility in various module layout designs, where the main parts of the system can be located to suit space requirements and availability of locations for positioning equipment. Controls are designed to be easy to operate without the need for complicated programming while still maintaining reliable efficient automatic control of room temperature.

Systems can be installed in mobile modules, and are suitable for use with power supplies ranging from 380 to 480VAC @ 50-60Hz with an integral voltage selector switch. In the event of incorrect phase sequence connection, start up of the system is prevented and a clear indication is provided by a lamp on the control panel fascia.



Typical Applications

This equipment is suitable for providing climate control in the following typical applications:

- Office Modules
- Control Rooms
- ROV power/control cabins
- MWD Logging Units
- Accommodation Modules

Options

- Range of cooling capacities from 3 to 12kW
- Electric heating
- Other Certification may be available
- Notified Body Type Approval
- For hazardous areas units – please refer to our **Hazcool** range of products

CM6 3 Piece Split Air Conditioning System

Standard Specification

Nom Cooling Duty	3kW - 12kW
Nom Heating Duty	3kW - 12kW
Design Point Conditions	35°C
Power Supply	3 phase/ 440V/60hz
Control Panel	Integrated Control Panel
Temperature Control	Electronic Controller with staged control
Casing Material	Stainless Steel
Compressor	Semi hermetic
Condenser Heat Exchanger	Copper tube/Copper fin Coils and Axial Fans
Evaporator Heat Exchanger	Shell & Tube heat exchanger
Pipe Work	Fully Brazed Copper Pipe work
Refrigerant Type	Ozone Friendly R407C (Others available on request)

Documentation

Standard Climarine Documentation Package includes:

Declaration of Conformity
Specification
Operation, Installation & Maintenance Instructions
Spare Parts List
Material Safety Data Sheets
GA & Electrical Diagrams

Testing

All equipment is fully pressure/leak tested prior to dispatch

Client FAT available on request



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