

The image features a large, stylized flame in shades of orange and red against a black background. A large black circle is overlaid on the left side of the flame. The text 'HAZCOOL' is positioned within this circle. 'HAZ' is in red, 'COOL' is in blue, and a registered trademark symbol (R) is to the right. A thick red horizontal line is positioned below the 'HAZCOOL' text.

HAZCOOL[®]

Safely Controlling Environments In Hazardous Areas

Hazcool Overview

As a recognised market leader in the production of high quality, reliable Heating, Ventilation, Air Conditioning and Refrigeration (HVACR) systems, we introduce **Hazcool**, our hazardous area equipment brand - ATEX certified and robustly built to last in the demanding hazardous and harsh offshore conditions, as well as onshore processing environments.



Designed using the latest 3D technology and manufactured under an ISO 9001 quality system, our proven range is further enhanced by our capability to bespoke design and manufacture systems to meet the clients' specific project requirements.

Products in the **Hazcool** 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, metering stations, accommodation modules, analyser shelters and many other environments.

- ATEX certified equipment brand.
- Robustly built for hazardous and harsh conditions.
- Bespoke design and manufacturing capability.
- High quality, versatile and built to last.



HZ1

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



HZ2

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
Analyser Houses
Metering Stations
ROV Cabins



HZ3

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

Analyser Houses
Drilling Dog House
Wireline Units
Workshops



HZ5

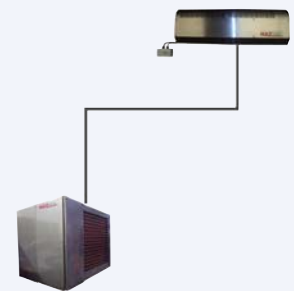
2 Piece Split Air Conditioning System

Standard Specifications

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

Typical Applications

Drilling Offices
Control Rooms
ROV power/control cabins
MWD/Mud logging units
Accommodation modules



HZ6

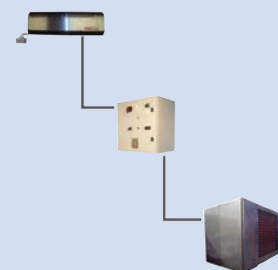
3 Piece Split Air Conditioning System

Standard Specifications

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

Typical Applications

Drilling Offices
Control Rooms
ROV power/control cabins
MWD/Mud logging units
Accommodation modules



HZ7

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
Scanner Radomes



HZ8

Air Cooled Condensing Unit

Standard Specifications

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

Typical Applications

Accommodation Modules
LER Modules
SCR Modules
Switch Rooms
Transformer Rooms



HZ9

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



HZ10

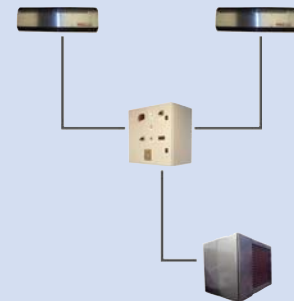
4 Piece Split Air Conditioning System with Capacity Control

Standard Specifications

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

Typical Applications

Offices
Analyser Houses
Accommodation Modules
ROV Cabins



HZ11

Ducted Packaged Air Conditioner

Standard Specifications

Nom Cooling Duty - 3kW - 20kW
Nom Heating Duty - 3kW - 20kW
Power Supply - 440v/3ph/60Hz
Refrigerant - Ozone Friendly R404A

Typical Applications

Analyser Houses
Drilling Dog House
Wireline Units
Workshops



HZ13

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



HZ14

External Wall Mounted Packaged Air Conditioner

Standard Specifications

- Nom Cooling Duty - 3kW - 10kW
- Nom Heating Duty - 3kW - 10kW
- Power Supply - 440v/3ph/60Hz
- Refrigerant - Ozone Friendly R417A

Typical Applications

- Analyser Houses
- Drilling Dog House
- Wireline Units
- Workshops



HZ15

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

Documentation

Standard Hazcool Documentation Package includes:

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

Options

- ATEX Category 2/3 Certification
- Other Certification may be available
- Notified Body Type Approval



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