



# A Strategic Partnership for Middle East

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Combining a wealth of expertise and experience



# Solutions for Qatar/Middle East key sectors

Combining a wealth of expertise and experience in the design, manufacture and maintenance of HVAC & R & refrigeration, fire safety and security solutions for established clients, Nucore Group (UK) and Magnus Energy Services are proud to work in strategic partnership to support a range of key sectors in the Middle East market.

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AT A GLANCE

## Key Benefits for Clients

The Nucore Group & Magnus Energy Services strategic partnership in Middle East brings together a trusted HVAC & R/fire protection business and the global track record and design expertise of a North Sea tested safety-critical solutions brand. It's a mutually beneficial agreement for both companies and these benefits are passed on to clients operating in Middle East.

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UK-based Nucore Group is a leading provider of safety-critical integrated solutions — cost-effective, turnkey HVAC & R & refrigeration, fire safety and security systems. The company was established in 2016 — following the acquisition of legacy companies HVAC & R & Refrigeration Engineering and Oteac — and the two companies were officially merged in 2020,

Combining knowledge, expertise and best practice to deliver innovative engineering to protect people and assets, Nucore provides safety-critical services and support. Working with an array of blue chip global clients in onshore and offshore oil and gas, marine, renewable energy and petrochemical industries, as well as the public and private sector customers, Nucore's safety-critical services include design, manufacture, installation, maintenance and commissioning.



Founded in 2010, Magnus Energy Services is a Qatari company that specialises in Hazardous area products & solutions and services along with dedicated HVAC & R and Rental support services for maintenance, construction and engineering projects.

With established client relationships in the various industrial sectors, Magnus Energy Service's strong reputation in this region is built on many years of delivering Engineered solutions in Electrical & Instrumentation, Mechanical, HVAC & R and other complementary engineering services to multinational energy, petrochemical, marine, offshore, power, water & wastewater and industrial clients.

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UNPRECEDENTED ACCESS TO AN EVEN  
WIDER RANGE OF BESPOKE SAFETY-  
CRITICAL SERVICES AND INTEGRATED  
SOLUTIONS

A STRATEGIC  
PARTNERSHIP  
FOR MIDDLE EAST

"The Partnership was formed to offer Energy clients based in Middle East, local access to world class products & services. The client benefits from local expedited services, complimented by local labour content for cost benefits and support from reputable Partner with 39 years' experience in Energy."

Mike Bryant  
CEO Nucore Group

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"Magnus Energy Services are proud to partner with Nucore Group, this provides us access to world class engineering, design and manufacturing providing turnkey solutions to our Middle East client base. With speed to market, expedited logistics and local knowledge in a complex Energy market will provide us competitive edge.

The client benefits from:

- Speed of service to maximise asset uptime
- World class cost competitiveness
- Access to global distribution networks
- Responsiveness from Qatar based company"

Jaison Francis  
MD - Magnus Energy Services



HVAC & R Design  
HVAC & R Manufacture  
HVAC & R Install & Comissioning  
Security & CCTV  
Audio Systems  
Fire-Rated / Blast Proof Doors

HVAC & R Service & Maintenance  
Fire Detection & Suppression

Engineering Solutions to Energy Industries  
Worldwide Procurement Solutions  
Hazardous Area Products & Solutions and Services  
Coverage Studies & F&G Mapping  
Atex HVAC Rental Services





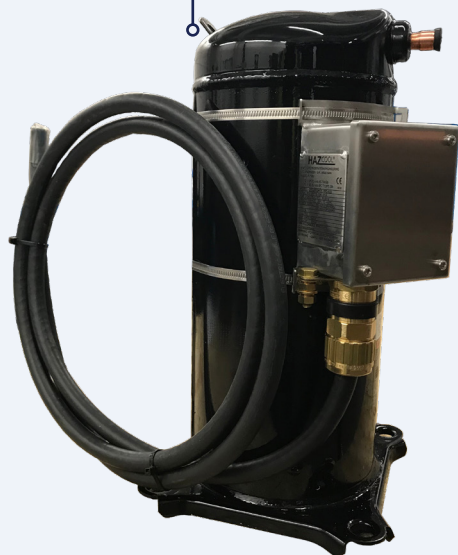
AT A GLANCE

# Our Range of Products

Our in house design team have the flexibility and capability to manufacture bespoke solutions for our customer's climate control needs.

**HZ15**

**ATEX/IECEX Certified  
Scroll Compressors**



**BHZ11**

**Portable HVAC & R Units**



**HZ2**

**Packaged Rooftop  
Air Conditioners**



**CM5**  
Split Air Conditioner



**BHZ1**  
ATEX Water Chillers



**Bespoke Equipment**  
Built to customers specifications



# HVAC & R & Refrigeration Engineering



With over two decades in the industry and extensive expertise across its team, HVAC & R & Refrigeration Engineering Ltd (Nucore Group) has a proven track record and strong global reputation in heating, ventilation, air conditioning and refrigeration engineering solutions across multiple sectors. Working in partnership with Magnus Energy Services, HVAC & R & Refrigeration Engineering delivers a range of services to onshore / offshore energy, mining and industrial clients operating in Middle East.

## Equipment Manufacture

From design concept to system build, installation and commissioning, Nucore Group can manufacture HVAC & R and refrigeration systems to the exact specifications required, and factory-tested solutions include heating, air conditioning and ventilation for non-hazardous safe areas (Climarine®) and also Zone 1 & 2 hazardous/explosive atmospheres (HAZcool®).

Bespoke systems can be developed as required to ensure best results.

**climarine**®

**HAZCOOL**®





## Install & Commission

With extensive experience operating in hazardous environments, Nucore Group's engineers have a strong track record in installation and commissioning of HVAC & R and refrigeration systems and ensuring they are safe, efficient and fully in compliance with ever-changing regulations.

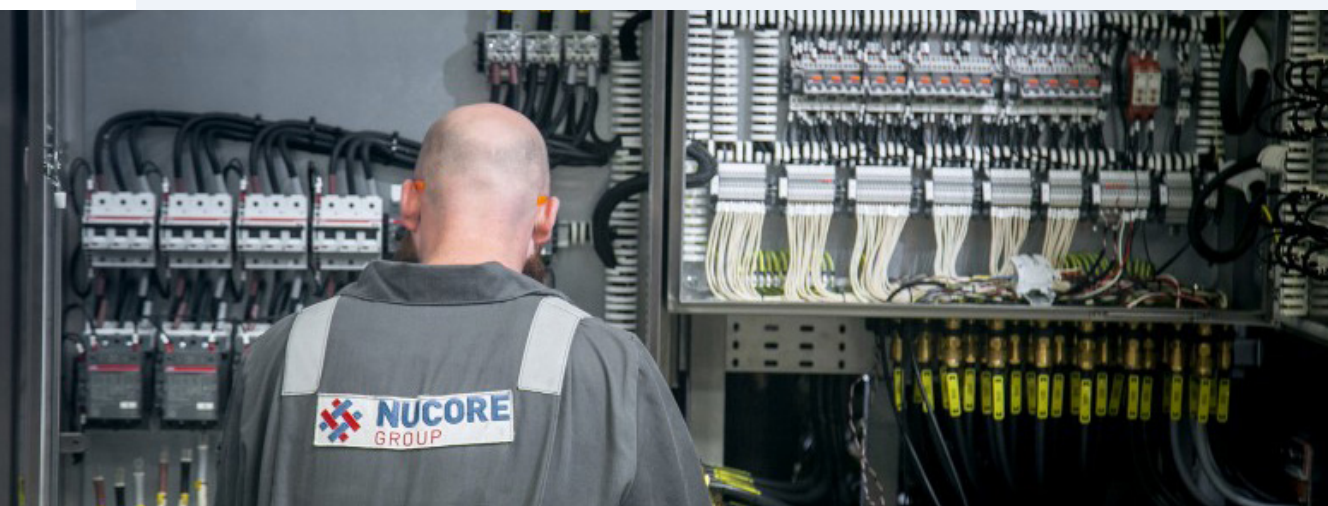
- Instrument pipework
- Duct work, fans and blades
- Mechanical completion checks
- Commissioning and rebalancing
- Control panels



## Inspection, Repair & Maintenance

A structured inspection and maintenance schedule is essential to ensuring system integrity, ongoing performance and avoiding costly downtime or major repairs / replacement. Nucore Group and Magnus Energy Services work closely with clients to ensure inspection work and preventative/corrective maintenance is delivered regularly and with minimal disruption to operations.

- Integrity management
- System health care plans
- System performance monitoring reviews
- Campaign maintenance
- Reactive and breakdown maintenance



## Audit & Site Survey

Site survey, audit and inspection services are hugely beneficial to both new and established clients. Whether it's a complete review of an HVAC & R system, detailed performance monitoring or focused compliance assessments, these audit and site survey services prioritise safety, compliance and long-term system performance, identifying remedial action as required.

- System design review
- Performance standards compliance review
- F-Gas compliance review
- Legionella and fungal assessment
- Temp. refuge testing



## Spares & Equipment

Nucore Group has long-established partnerships with HVAC & R and refrigeration manufacturers and can offer clients an extensive stock of spares and equipment to ensure minimal disruption when repair or replacement is required. Part-specific sourcing is available and service tools/equipment can be hired on a short-term basis.

- Ventilation systems and fans
- Motors and compressors
- Refrigerant gases and oils
- HVAC & R maintenance/cleaning chemicals
- Service equipment and maintenance tools
- Ventilation accessories and ducting





## Flame & Gas Detection

Full design and supply of fixed and portable gas detection systems, supported by ongoing maintenance, repair and re-calibration services as required. Single and multi-gas detectors are available, as well as field devices for fixed fire and gas systems, from a wide variety of manufacturers. Our team can advise clients on system improvements and solve complex challenges as required, upholding the highest standards of gas safety.

- Point
- Line of sight
- Acoustic
- Wireless
- Aspirating
- Portable handheld
- H2S
- Gas detection tubes



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