

Refrigeration & Air Conditioning

DESIGN, INSTALLATION, SERVICE & MAINTENANCE



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From initial project consultation to aftersales service and maintenance, J & E Hall offer the complete refrigeration and air conditioning service. Our expertise covers design, supply, installation and planned preventative maintenance and service.

With ever increasing energy costs, J & E Hall fully understand how to develop and implement efficient refrigeration solutions. Our nationwide service centres offer comprehensive site surveys and identify opportunities to help reduce energy consumption, whatever the application.

Our aim is to provide cost effective, energy conscious solutions which will extend the lifespan of the plant.



Support 24hrs a day, 7 days a week and 365 days a year



Ammonia and low GWP refrigerant expertise



Fully qualified engineers



Access to group products including Daikin chillers



Unrivalled group technical knowledge



▶ SERVICE & MAINTENANCE

Planned preventative maintenance and emergency care covering all types of manufacturers' equipment and refrigeration systems

▶ COOLING & HVAC PROJECTS

Design, installation, commissioning and aftersales care of commercial and industrial refrigeration systems

▶ PLANT UPGRADES

Planned upgrades to existing refrigeration systems to provide the best solution to meet changing demands

▶ AIR CONDITIONING

System installation and maintenance catering for all project sizes and all major brands

Benefits



Cost savings through regular maintenance



Reduced operating costs



Improvements in plant performance



Legislative compliance



Reduce environmental impact

Customer Focus

Our customer-focussed service centres provide friendly and helpful staff to guide and update you whatever your requirements.

We have a dedicated call-out process in case of emergency and our UK team of over 75 fully qualified experienced engineers are on-hand to provide continued on-site support.



National Contract Expertise

J & E Hall provide contract management expertise backed-up from 10 strategically located UK service centres.

We offer a wealth of technical know-how and group support including specialist in-house remanufacturing and a centrally located spares warehouse with 24hr accessibility. National contract rates are available to three or more sites.



Applications

We are a leading supplier to a variety of industries including:



Food Processing



Beverage & brewing



Cold storage



Chemical



Pharmaceutical

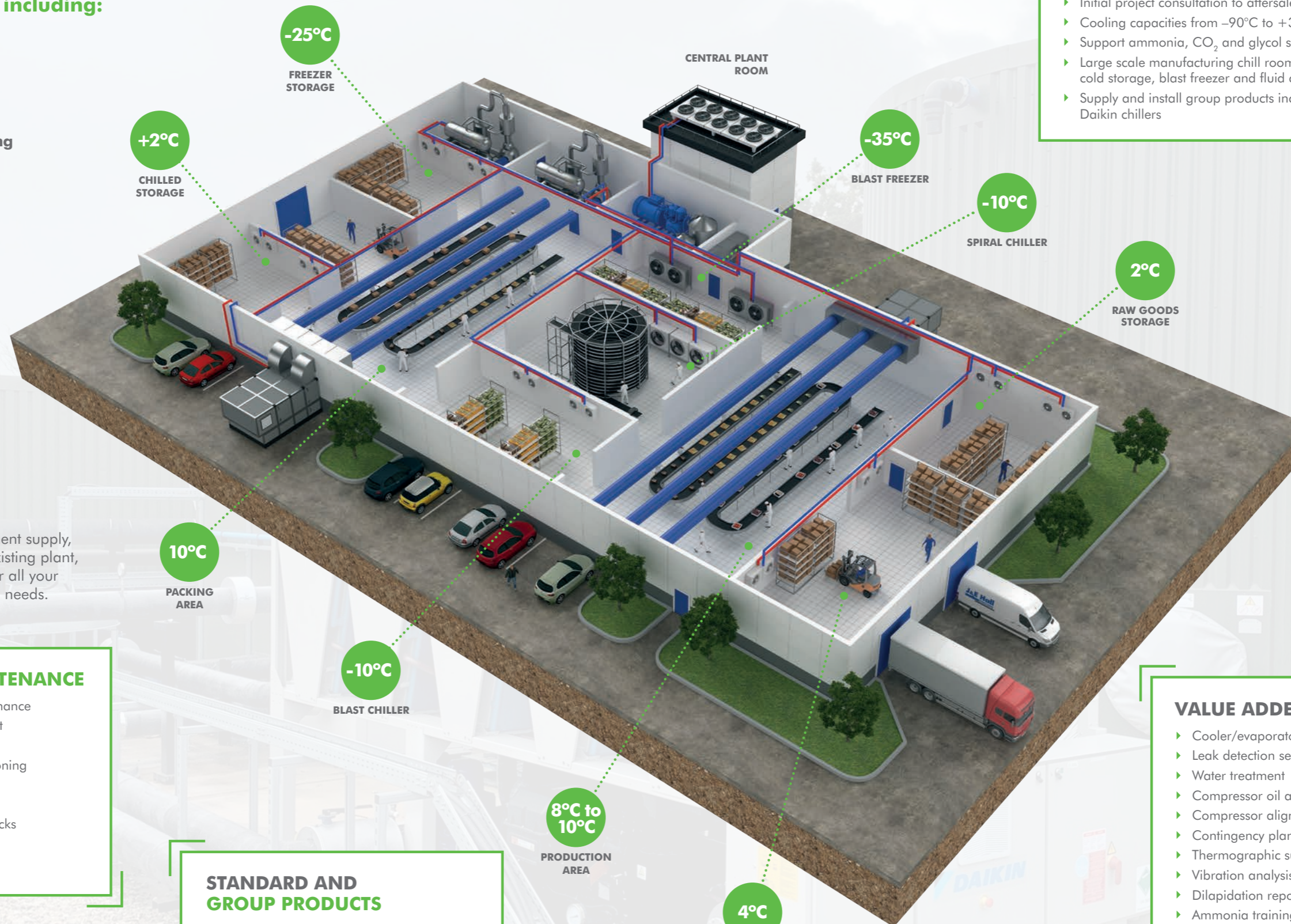


Leisure industries

Whether you require new equipment supply, installation, or maintenance of existing plant, J & E Hall is the one stop shop for all your refrigeration and air conditioning needs.

REFRIGERATION PROJECTS

- ▶ Refrigeration systems tailored to bespoke requirements
- ▶ Initial project consultation to aftersales service
- ▶ Cooling capacities from -90°C to $+30^{\circ}\text{C}$
- ▶ Support ammonia, CO_2 and glycol systems
- ▶ Large scale manufacturing chill rooms, freezers, cold storage, blast freezer and fluid chillers
- ▶ Supply and install group products including Daikin chillers



SERVICE AND MAINTENANCE

- ▶ Planned preventative maintenance
- ▶ All manufacturers' equipment
- ▶ Emergency service 24/7
- ▶ Refrigeration and air conditioning
- ▶ Detailed system inspections
- ▶ Asset management
- ▶ System legal compliance checks
- ▶ Full HSQE support
- ▶ National contract expertise

STANDARD AND GROUP PRODUCTS

- ▶ HallScrew single screw compressors and packs
- ▶ Aquachill chiller range
- ▶ Commercial refrigeration equipment
- ▶ Group products including Daikin chillers and Tewis CO_2 packs

VALUE ADDED SERVICES

- ▶ Cooler/evaporator cleaning
- ▶ Leak detection services
- ▶ Water treatment
- ▶ Compressor oil analysis
- ▶ Compressor alignment
- ▶ Contingency planning
- ▶ Thermographic surveys
- ▶ Vibration analysis
- ▶ Dilapidation reports
- ▶ Ammonia training

Case Studies



Natures Way Foods invests in ammonia plant to increase cooling efficiencies.

Refrigeration plant required to maintain air temperatures in preparation halls and chilled water to processing equipment.

- ▶ Plant room built by J & E Hall includes 2 x HSO 2350 compressor packs
- ▶ Ammonia refrigerant
- ▶ 1 pack include variable speed drive (VSD) for more efficient capacity control - can reduce running costs by up to 25%
- ▶ Total cooling capacity in excess of 2.7 MW
- ▶ Remote monitoring capability



Health & Safety

We place a huge emphasis on health, safety, quality and environmental issues in the workplace.

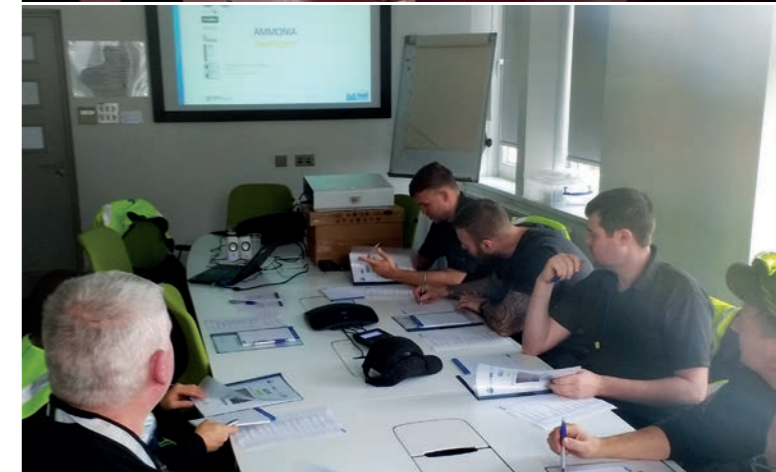
It is our policy to conform to the requirements of BS EN ISO 9001 (Quality Management), BS EN ISO 14001 (Environmental Management), as well as all other company and customer applicable standards and requirements.

Our in-house HSQE team are available to complete on-site audits, bespoke ammonia risk assessments and provide support where necessary.

Ammonia Training

Ammonia is a versatile, effective and efficient natural refrigerant with a fine safety record, but like any refrigerant, it must be treated with respect.

Our HSQE team can conduct on-site customer ammonia awareness training to instruct attendees on legal requirements, emergency procedures, actions and understanding the properties of ammonia.



Central cooling system installed at UK beverage manufacturer.

Inefficient standalone cooling equipment, using phased out refrigerants, has been removed and replaced with highly efficient central plant utilising low GWP refrigerant.

- ▶ 2 x 1MW packaged chillers
- ▶ 3 x duty/duty/standby chiller pumps
- ▶ 6 x process pumps with standby functionality, each pump makes use of a variable speed drive for enhanced efficiency and load matching
- ▶ 1 x Siemens based sequence control system

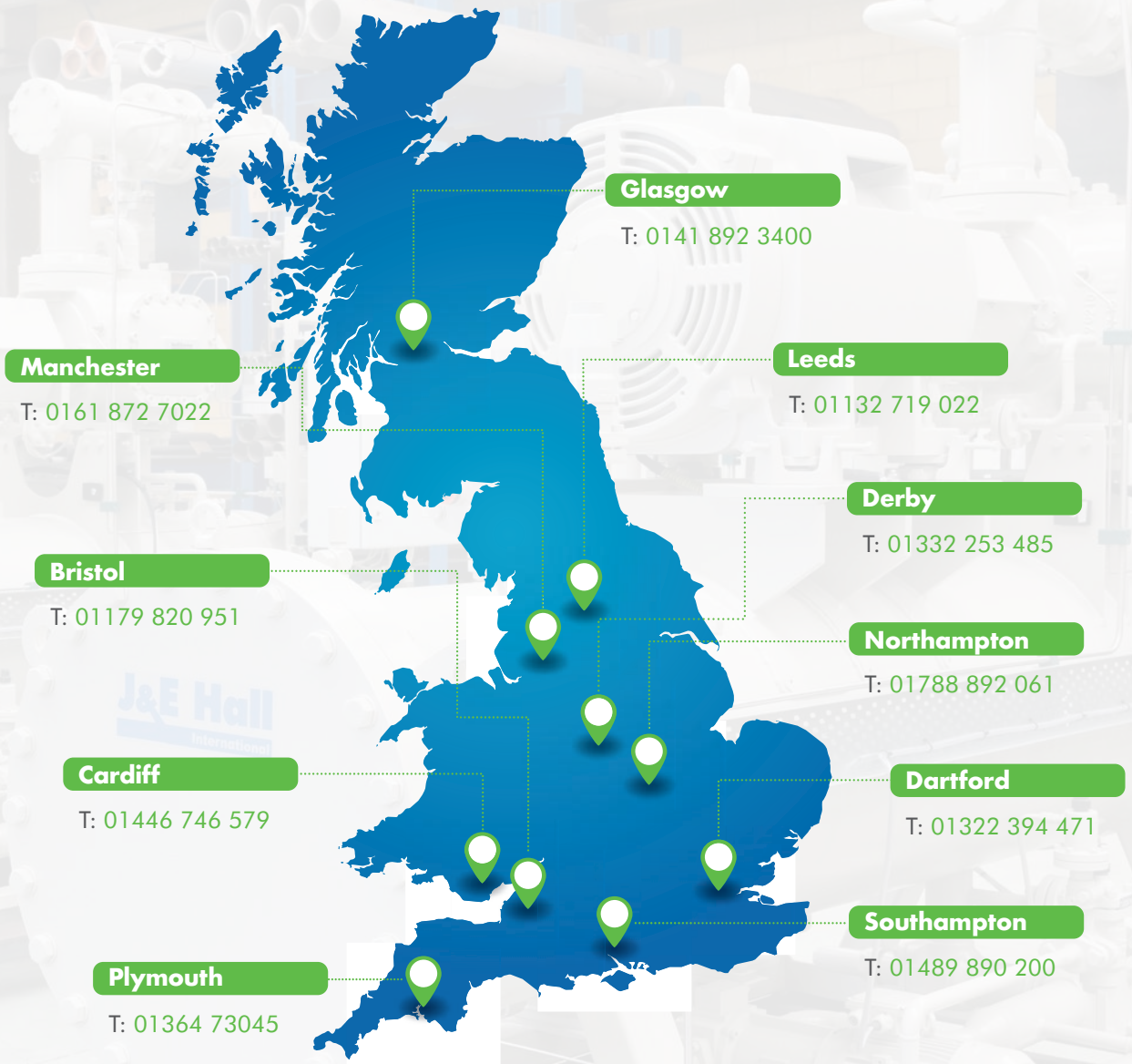
More than just a Service Business...

Our service and maintenance offerings are further enhanced by a complete range of additional products and services. Our commercial business boasts market leading equipment for commercial refrigeration sectors, whilst our industrial products use award winning HallScrew single screw compressor technology.

We support all our equipment with a full range of spares as well as parts for most other OEM equipment. We also remanufacture industrial compressors in house and can provide motor rewinds, new motors and engineering solutions.

As a member of the Daikin Group we also have access to a complete range of group products available to best fit your solution, from Daikin chillers to Tewis CO₂ packs.

“ The national company with a local feel ”



**24 hour
365 days**
BREAKDOWN SERVICE



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