

FAMOUS FISH MARKET GETS A STAR MAKEOVER

Star Refrigeration has completed a turnkey building refurbishment and cooling system installation project at the famous Fraserburgh Fish Market in Scotland.



Fraserburgh Fish Market

In a contract valued at over £1million, Star designed and installed a flexible and energy efficient cooling system for two market buildings. As principal contractor on the refurbishment project, Star also took responsibility for coordinating all associated building works including insulation, lighting and electrics, plumbing, fire alarms and security systems.

Market operators the Fraserburgh Harbour Commissioners required a new refrigeration system for temperature control in two market buildings. One building was already insulated and partially temperature controlled, but the system

needed to be upgraded to meet current standards. The second building required new insulation and refrigeration equipment.

Both quayside buildings were being used for the intake and distribution of seafood direct from fishing vessels. Star had to carefully phase construction work to allow the market to continue to operate, with the landing and sale of white fish and shellfish to the trade.

Star designed a cooling system with in-built flexibility to accommodate varying trawler landings at Fraserburgh. The plant features three refrigeration units in each building. Each unit operates independently, providing cooling for a different building section. This provides the flexibility to control building temperature exactly as required.



Bitzer compressor receiver units

Each building is approximately 4,500m³ and has an operating temperature requirement of zero to two degrees centigrade. The plant capacity of

190kW is provided by compressor receiver units linked to very low air velocity evaporators within the market buildings and roof mounted air-cooled condensers.

Additional building works managed by Star included the reinforcement of existing steelwork to accommodate the weight of coolers and insulated panels. Star's Aberdeen branch installed the refrigeration system and pipework and also coordinated insulation works, including new 'up and over' quayside and roadside doors.

Commenting on the project, Star Refrigeration Sales Director Rob Lamb says: "The Fraserburgh Fish Market project demonstrates that Star is a total solutions provider. In our role as principal contractor we worked closely with Harbour Board staff, who assisted us greatly to ensure the facility remained operational throughout each planned construction phase."



Ceiling mounted evaporator units in Harbour warehouse

Star Refrigeration is the UK's largest independent industrial refrigeration engineering company. Star focuses on the design, manufacture, installation, commissioning and maintenance of industrial refrigeration systems. The company offers a turnkey package to all users of refrigeration plant.

Star's technical advisory arm, Star Technical Solutions (STS), operates as an independent consultancy providing advice on refrigeration engineering issues. Star also owns food freezing and chilling equipment specialist Starfrost, as well as mechanical and electrical contractors Penec.

Star has an unrivalled track record of high quality products and services across a broad range of industry sectors including food production, cold storage and distribution, brewing and distilling, building services, leisure, pharmaceutical and petrochemical.

Established in Glasgow in 1970, Star has over 250 employees nationwide and provides fast response 24-hour technical support from a network of nine branches to customers throughout the UK.

				
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