

MORE STAR TREATMENT FOR PETER'S FOOD SERVICE

Peter's Food Service has boosted production capacity and cut running costs by investing in another energy efficient cooling system from Star Refrigeration.

Established for over 30 years, Peter's Food Service is a food manufacturing and distribution specialist. The company supplies quality chilled foods to major supermarkets, retailers and wholesalers across the UK. Its product range includes pies, pasties and sausage rolls, packaged under the Peter's brand.

Peter's Food Service was looking to replace two spiral chillers and associated refrigeration plant at its manufacturing facility at Bedwas in Gwent, South Wales. The company required a modern, energy efficient chilling system that would also enable it to achieve an increase in production capacity on two lines.

The lines affected produce a range of chilled pies in foil including minced beef, steak and kidney and chicken and mushroom, as well as Cornish pasties, cheese and onion pasties and corned beef pasties.

Star Refrigeration was tasked to undertake the project for Peter's Food Service. It forms the latest in a long line of projects completed by Star to meet the company's refrigeration and air conditioning

requirements. Star is a key supplier of cooling solutions for the UK food industry.

Star worked in conjunction with freezing and chilling equipment manufacturer Starfrost on this recent project. It demonstrates another successful joint venture for the two firms, since Starfrost was acquired by Star in 2004.

Star Refrigeration Sales Director Rob Lamb says: "This latest project for Peter's Food Service demanded a fast track programme from system design through to delivery. Our engineering team worked closely with Starfrost to ensure minimal equipment downtime. We also ensured adjacent food production areas remained operational during the installation phase, completing work on time and to budget."



Star built Duplex Compressor / LPR packaged unit with reverse cycle defrost

Star designed and installed a separate refrigeration system for each of the two new Starfrost Helix Spiral Chillers at Peter's Food Service. The previous chilling system operated on the gas refrigerant R22, which is currently undergoing a phase out programme. The new plant operates on R404a, a modern gas refrigerant.

The refrigeration plant features duplex screw compressors, Low Pressure Receiver (LPR) units and remote evaporative condensers. A reverse cycle defrost facility ensures a fast and efficient defrosting process. The system is engineered to operate with a low refrigerant charge for energy efficiency. Its simple design also helps to reduce maintenance costs

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.

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