

UK FIRST – ENERGY EFFICIENCY IS THE KEY AS GLASGOW COMPANY SHARES IN SEAFOOD SUCCESS

ACE Refrigeration has just installed new state of the art energy efficient equipment, the first of its kind in the UK, as part of a major refrigeration contract with one of Scotland's best known seafood companies.

The Glasgow family firm secured the six-figure deal with Associated Seafoods who sell salmon and shellfish to customers around the globe.

As part of the refurbishment and upgrade of their existing fish processing factory in Buckie, the ACE team have installed a pack of four compressors with the lead compressor, a semi-hermetic reciprocating compressor, using digital control logic.

This pack reduces running costs drastically as it allows for a large variance between peak and minimum load demand. Previously refrigeration engineers may have used a standard compressor or controlled the lead compressor via an inverter drive. But a standard lead compressor would have led to crude capacity control and on occasion there can be compressor damage when using inverter drives and operating them at low speed for an extended period.

Digital modulation is the most simple and precise method of capacity control and helps to contain costs associated with modulation. The compressor always runs at constant speed which resolves the challenges related to oil return, mechanical and electrical stress on the system.

The new Copeland Stream compressor pack installed by ACE at Associated Seafoods also controls three air handling units, managing the air conditioning for the entire factory.

ACE Refrigeration has worked with Associated Seafoods to help create a new BRC (British Retail Consortium) compliant processing plant and this digitally controlled compressor pack helps the refrigeration plant to be energy efficient, sustainable, quiet and more environmentally responsible.

Established more than 60 years' ago, the refrigeration and cold room specialists at ACE designed and installed a number of chill areas at the Buckie site including pre-smoke and post-smoke chills, a curing chill, a crab chill and a blast chill as well as a goods in chill, despatch chill and refrigerated goods out holding area.

ACE's indemnified design also incorporated their RACE Energy Saving System allowing for the effective energy management of the entire system, whilst helping to increase the control and reporting capabilities for the end user in an easy to use way, giving staff increased control.

ACE Refrigeration is manufacturer independent and able to offer customers solutions which best meet their needs; and with energy costs on the rise, this is the ideal time to take action.

As well as complying with the legal requirements of ever-changing legislation, replacing tired and inefficient equipment can have a major benefit on your bottom line - some of our recent installations have had a payback period of less than 2 years based on the energy savings received; some customers have saved up to 25% off their energy bills.

Alongside the design, supply and installation of a variety of ice generators to many clients in the seafood and fishing industry, ACE Refrigeration has also carried out major design and installation projects for cold rooms and freezer rooms, chilled production facilities and blast chillers and freezers.

Shane McKenzie, Sales Director of ACE Refrigeration, said: "The fishing and seafood market is a crucial industry in Scotland and we are pleased to be working with Associated Seafoods."

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“With energy costs on the increase, energy efficiency equipment is now a must for many companies and we have global sourcing capabilities to ensure they always get the best solution to meet their needs.”

NOTES TO EDITORS:

- ACE Refrigeration has been specialists in the design, installation, service and maintenance of commercial/light industrial refrigeration and air conditioning systems since 1951.
- Already in 2013, the refrigeration and cold room specialists have recently finished installing a new 10 tonne Geneglance ice generator at Ardglass Harbour in County Down for the Northern Ireland Fishery Harbour Authority. The previous flake ice plant had become inefficient and also relied on R22 Gas which is being phased out under new EU legislation. ACE Refrigeration is the UK's only manufacturer trained Geneglance engineers.
- As well as safeguarding vital production facilities in the West of Scotland for Marine Harvest with responsibility for the service and maintenance of their refrigeration, air conditioning and Geneglance ice plant, ACE Refrigeration recently replaced the ice plant condensing units at Marine Harvest which were running on soon to be defunct R22.
- Last year ACE Refrigeration completed a contract to supply energy saving refrigeration equipment for a new factory extension of the Dingwall-based salmon processor, Edinburgh Salmon Company. The company was awarded the six-figure contract thanks to its RACE Energy Saving System which saves up to 25% on traditional refrigeration applications.
- ACE Refrigeration is committed to supporting customers with indemnified designs for cost effective cooling solutions and advice and remain dedicated to supplying and maintaining all types of refrigeration and air conditioning equipment to the highest standards across a number of sectors.
- The use of virgin R22 gas is already prohibited and the use of recycled and/or reclaimed gas will be prohibited after 31st Dec 2014. Best options for its replacement depend on a number of factors including the age and state of equipment.
- ACE is dedicated to helping and assisting our customers with cost effective solutions and advice, including potential grant and finance options.

For further information please contact Natalie McShane on 0141 556 7691 or 07966 100 341 or email at nmcshane@acerefrigeration.co.uk

Visit our website www.acerefrigeration.co.uk

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