



The Customer

Spey Valley Smokehouse in Granton on Spey provides smoked fish to the domestic and export retail and wholesale markets. It's a wholly owned subsidiary of Strathaird Salmon Ltd, which in turn is part of Young's Seafood.

Key Project

ACE Refrigeration was responsible for the design, supply and installation of new refrigeration for the post smoke blast chill as well as an R22 Retro-fit for the raw fish intake chill, the cure chill, the holding chill and the dispatch chill.

Following European legislation, the ban on recycled and/or reclaimed R22 Refrigeration gas came into effect on 31st December 2014. In addition, more recent legislation by the EU Commission sets deadlines to reduce HFC refrigerant gases with a GWP in excess of 2500. So for this retrofit we used the new Isceon 99 refrigerant, known as R438A, with a GWP of 2264. For the refrigeration replacement for the post smoke blast chill, we installed a high efficiency Guntner evaporator with a stainless steel finish and energy efficient condensing unit, using R407F refrigerant which has a GWP of 1850. This system has the capacity for 1400kg of product to be pulled down from +28°C to 0°C within just four hours.

Due to tight production deadlines on site, ACE Refrigeration engineers completed the entire project during a 24 hour shutdown of the factory to reduce the impact on the day to day operation of the business.

Energy Efficiency

For some organisations, refrigeration costs can represent more than 50 % of their energy bill, and 20 % of that can be wastage. A modern and energy-efficient refrigeration system will help save you money; we know where energy savings can be made and how to get cost-effective and efficient systems up and running in your business.

Service & Maintenance

Our service & maintenance departments have dedicated teams of fully qualified service & maintenance engineers who work together to achieve a service which is fast, effective and reliable. Our reputation has been built upon our attention to detail and rapid reaction times.

At ACE, we can help you achieve the following:

- **F-Gas Compliance**
- **Health & Safety Compliance**
- **Reduced Liability Insurance Premiums**
- **Lower Life Cycle Costs**

24/7/365 – As an ACE PPM customer you are guaranteed priority service 24 hours per day, 7 days per week, 365 days per year

High Standards

Our engineers have all undergone thorough health & safety and risk assessment training and we invest in their on-going training & development to ensure we maintain our high standards. ACE Refrigeration also uses Human Focus, a Health & Safety web-based management system. Human Focus utilises Competent Contractor - a supply chain service for workplace health and safety; offering confidence that ACE Refrigeration employees arriving on sites are properly trained and supervised.

Food Processing Industry Specialists

Reliability, efficiency and product integrity are the key words in the food processing industry, we know you cannot afford wastage and need to keep your customers happy. Our refrigeration plant also incorporates temperature monitoring systems, which are both HACCP accredited, BRC compliant and conform to Food Safety and Inspection Service standards.

We have carried out major design and installation projects for cold rooms and freezer rooms, ice generators, chilled production facilities and blast chillers and freezers for food processors, bakeries, dairy companies, the fish and seafood industry, the meat business and fruit and vegetable sectors throughout the country.

Other Clients in the Food Processing Industry include:

- 2 Sisters Food Group
- Castle MacLellan
- Scottish Sea Farms
- Albert Bartlett Potatoes
- Glenrath Farms
- Associated Seafoods
- First Milk
- Braehead SFO
- Campbell's Prime Meats
- Caledonia Cheese
- Drysdale Vegetables
- Galloway Seafoods
- Inverawe Smokehouse
- Marine Harvest
- McGhee's Family Bakers
- Edinburgh Salmon Company



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▶ **Innovative**

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Refrigeration Engineering Excellence – Established 1951