

MARKS & SPENCER
Simply Food Galashiels



CO₂ Sustainable Energy Project

Refrigeration installation of Cabinets and Coldstores served by new plant utilising CO₂ as a refrigerant



Marks & Spencer are one of the leading British retailers and last year issued policy statements with regards reducing their energy usage and how they intend to reduce their impact on the environment.

To achieve these goals and assess a possible move away from potentially harmful HFC refrigerants, Marks & Spencer are now trialling the use of refrigerants that have less of an impact on the environment. The recently installed Galashiels Simply Foods store utilises a Hydrocarbon / CO₂ system which has a lower global warming potential than a conventional refrigeration system.

Project Overview

Carter Synergy, along with our sister company, KB Refrigeration, delivered a complete installation package including cabinets, coldrooms, refrigeration plant and interconnecting alarm network.

The project was progressed from design through to completion of the installation and on-going service and maintenance provided by our highly skilled refrigeration engineers following their CO₂ training with M&S.

The project management, installation and commissioning of this new refrigeration system has all been completed in house, with specialist training being given to the engineers involved within the Installation, Commissioning and Maintenance aspects.

Due to the success of this project, Carter Synergy Ltd are currently involved in the design/installation of several other CO₂ driven Simply Food projects.

Plan A was launched in January 2007 to address the key social and environmental challenges facing Marks & Spencer today and in the future. As an integral part of the team committed to assisting Marks & Spencer in achieving these goals Carter Synergy and KB Refrigeration provided an innovative and environmentally friendly refrigeration package, whilst ensuring the Simply Food brand remained consistent.

The completed project received its accolades at the Cooling Industry Awards 2007, winning the Retail Installation of the year award for harnessing all natural refrigerants.



WANT TO KNOW MORE?

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Project Archive

A selection of photographs taken on completion of the project.



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