



14 February 2019

Pioneering ALDI Passes Milestone for Carbon Dioxide Refrigeration Compressors in the UK

BITZER UK has supplied its 300th carbon dioxide-based refrigeration compressor for installation in Aldi UK's Stores. The milestone was reached following a recent delivery of the manufacturer's proven semi-hermetic CO₂ units to ALDI's refrigeration pack builder, Clade Engineering Services, which works closely with installation sister company A1 Engineering Services on the retailer's refrigeration systems.

Aldi committed to installing natural refrigerants across all of its stores more than a year ago. CO₂ has a Global Warming Potential (GWP) of just one, significantly under the maximum GWP of 150 stipulated by the EU F-gas regulations, which will be in effect by 2030.

Kevin Glass, Managing Director of BITZER UK, said: "With low maintenance requirements, excellent efficiency and an outstanding safety record, A1 Engineering's Aldi carbon dioxide packs based on BITZER compressors provide a rock-solid solution that is not only good for the environment but highly cost-effective over the life-time of plant."

He added: "Importantly, it is also immune from the constantly moving goal-posts under F-Gas Regulations and effectively future-proofs retailers from changes in environmental legislation."

Aldi is using a combination of standard and inverter-driven compressors for enhanced control and energy efficiency, based on BITZER's own Varispeed system, which is designed to maximise performance and efficiency in this application.

The carbon dioxide packs are being used both as retrofit systems to replace HFC refrigeration plant in existing stores as part of a rolling programme, and as original cooling plant in new stores.

Richard Conway, Corporate Property Director at Aldi UK, said: “Using natural refrigerants is reducing our impact on the environment even further, whilst also assuring our stores are future-proofed for years to come.

“We look forward to continuing to work with Bitzer on the replacement and upgrade programme over the coming year.”

ENDS

Pictures



A Clade Engineering Services carbon dioxide-based refrigeration pack based on BITZER transcritical compressor, destined for installation by A1 Engineering Services at an ALDI store



ALDI is continuing its roll-out of CO2 systems at it stores across the UK



Issued by:

Andrew Bailey
Lingfield Public Relations
9 Gleave Close
East Grinstead
West Sussex
RH19 3XD

Email: andrew.lingfield@btinternet.com

Tel: 01342 312 215

Mob: 07925 187 647

On behalf of:

Bitzer UK
Advantage One, Third Avenue
Bletchley
Milton Keynes
Bucks
MK1 1DR