

# News Release

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## **Klimate's K2 high-speed freezer door revamped to improve performance whilst lowering operating costs.**

Following successful field trials with two of the largest supermarket chains, Klimate High Speed Doors, a trading division of BID Group Ltd, with over 20 years experience in the design, manufacture, installation, service and repair of high speed doors, unveil their new, improved revolutionary frost free high speed door, the 'Klimate K2'.

Following the initial launch of the K2 in 2006, Klimate have worked closely with leading supermarket chains in the UK and Ireland to further develop the product.

The main problem faced by many in the cold storage industry is maintaining a constant temperature within the freezer/chiller while keeping a clean, safe environment. Problems and costs occur each time the freezer doors are opened for a prolonged period of time as more energy is consumed to maintain the freezer's temperature.

The Klimate K2 is an insulated high-speed door designed to be installed on the ambient side of the freezer/chiller door way.

The K2 keeps the loss of cold air to a minimum as the opening and closing speeds of the door can run at a potential of 1.5m per second (adjustable). Equally as important, running costs compared to other manufacturers products will be hugely reduced as unlike other products currently on the market, the K2 does not require heaters or dehumidifiers to prevent condensation and a build up of ice.

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All Klimate doors are engineered to the highest quality with a minimum of wearing parts and the K2 is no exception. Available in a range of colours, the specifically developed, unique 3 ply 30mm thick door curtain provides effective insulation and will maintain the freezer/ chiller temperature when closed. The K2 is made in heavy galvanized steel and is then powder coated providing an easily cleanable surface with maximum strength to resist impact and shocks, which are inevitable in a busy through way. A fully monitored wireless safety edge is fitted to the bottom rail forming a continuous door seal and heated seals are fitted around the complete door sealing the opening to class 2, in accordance with BS EN 12426: 2000.

Characteristic of all Klimate, high-speed doors, the simplistic nature of the door means that any minimal maintenance work can be quickly and easily undertaken in-house, drastically reducing down time and callout charges. Hardwearing, plastic re-settable end cassettes are fitted with a monitoring switch that stops the door if it is impacted. This in-turn will require a re-set which can be undertaken without tools by on site maintenance personnel. The location of any fault will be clearly displayed on the new generation control unit designed for high-speed doors. Any faults and stop-downs may generally then be handled in house with the support of Klimate's technical department.

Klimate High Speed Doors believe fully in their products and therefore have a number of patents pending particularly on the door insulation and a special wind roller system.

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## Editor's Note

1. A trading division of BID Group Ltd, KLIMATE is one of the UK's leading high-speed door manufacturers. With over 20 years experience in maintaining high-speed door products, KLIMATE is recognised as a UK leading specialist in maintaining all makes of high-speed doors. ([www.klimate.co.uk](http://www.klimate.co.uk)).
2. Photograph: Klimate K2 Insulated High Speed Door
3. 489 words, 2,552 characters (no spaces), 3,053 characters (with spaces)

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