

NERGECO C CHILL 5

A multi-composite, high-performance door with Trekking Fold Up technology and insulated double layer curtain, specially designed to protect a controlled chilled area from ambient temperature.



www.nergeco.us

 **NERGECO**
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NERGECO C CHILL 5



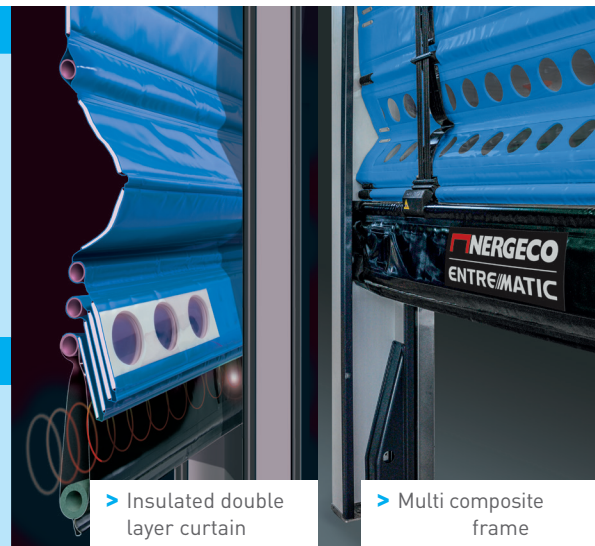
ADAPTED FOR CHILLED ENVIRONMENT PROCESSES

MULTI-COMPOSITE FRAME

The frame is specifically suited for cold chain applications as the composite material is thermally stable. The design and construction of the frame creates a natural thermal barrier. The door is installed in the chilled area.

INSULATED DOUBLE LAYER CURTAIN

The C CHILL 5 has a flexible double layer curtain with integrated air mattress to reduce conductive temperature loss through the curtain. The sides of the curtain have additional sealing for an enhanced peripheral closing in the vertical side guides.



> Insulated double layer curtain

> Multi composite frame



ENVIRONMENT CONTROL

SEALS AND HANDLES PRESSURE DIFFERENCES

The Nergeco Trekking double layer curtain is designed with flexible horizontal stiffeners which push the curtain from the inside to the furthest edge of the side guide, tensioning it vertically from top to bottom, creating a peripheral seal to withstand possible air gusts in between the temperature controlled rooms.

JUST IN TIME OPENING CYCLE

Thanks to the intelligent curtain the door can open at the last moment and close directly. While the safety of products and goods are guaranteed it minimizes the exposure time of the door. This shortened cycle reduces temperature loss and energy consumption up to 32%.



> Seal and handle pressure differences



SAFETY

PEOPLE AND PRODUCTS

The Intelligent Curtain with a free, flexible and reactive soft bottom edge can be compressed both vertically and horizontally which will protect people and goods while keeping repair and maintenance costs down.

WINDOWS

Even in temperature controlled environments, the C CHILL 5 doors can be equipped with windows that allow people to see oncoming traffic. The materials are wear-resistant and treated against UV and cracking.

FOOD GRADE CURTAIN

The curtain of the C CHILL 5 is made of food grade material.



COST SAVINGS FOR MAINTENANCE AND REPAIRS

MULTI COMPOSITE FRAME

The toughness of the side-guides, their ability to absorb an impact without becoming permanently distorted, and the absence of paint guarantees a durable, corrosion-free appearance.

DURABILITY AND RELIABILITY

The Trekking fold up technology is designed for increased durability and reliability, as driven by a smooth direct drive motor.

LIMITED MAINTENANCE AND INCORPORATED SAFETY

The Nergeco drive, mounted on the side and protected under a cover, is direct with only 5 moving parts: motor, gearbox, limit switch, rolling shaft for the straps and bearings, which reduces maintenance costs.

HIGHER PRODUCTIVITY

The wide side guides help for a higher productivity. Even if the door is impacted and a stiffener would bend, the folding door will continue to work without interrupting the production flow.



> Safety intelligent curtain

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Disclaimers: For a correct use of our products, please refer to our manual. Everything that is mentioned in this brochure is only valid under the terms of use in the user manual and on condition that the door was properly installed and maintained and has not undergone abuse nor neglect.

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