

# NERGECO C FREEZER 2

The high performance door for use between deep-freeze and chilled areas.

With triple layer curtain, also suitable for overnight closing.



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**NERGECO**  
**ENTRE//MATIC**

# NERGECO C FREEZER 2



## RESIST EXTREME COLD



### SELF-SUPPORTING STEEL STRUCTURE

The multifold frame, made of 3 to 4 mm thick steel, is treated with an epoxy primer and a coloured finish. The structure is self-supporting and the lower overall lateral dimensions save space. The C FREEZER 2 can be installed in- or outside the freezer area.

### ANTI-FREEZE FEATURES

The adapted motor can operate in extreme cold. It is equipped with a low emission de-icing system and deep freeze grade lubrication. The vertical side guides are provided with a self-controlled heating system to guarantee a smooth opening and closing of the curtain.

### DOUBLE INSULATED TRIPLE LAYER CURTAIN

The C FREEZER 2 has a flexible triple layer curtain with integrated air mattress ( $U = 1,97 \text{ W/m}^2 \cdot \text{K}$ ) to reduce conductive temperature loss through the curtain. The sides of the curtain have additional sealing lips for an enhanced peripheral closing in the vertical side guides. Thanks to this design, no additional sliding door is required for overnight closing.



> Seals and handles pressure differences

## ENVIRONMENT CONTROL



### SEALING AND RESISTANCE TO PRESSURE DIFFERENCES

Between two zones with different negative temperatures, it is important to reduce the surface area of peripheral leakage to operate even at high pressure differences in cold rooms. The door has a flexible curtain with horizontal stiffeners guided in vertical guides. Pressure is evenly distributed over the whole curtain, pushing it against the guides to obtain a good seal. This design allows the door to operate even under pressure differences.

### JUST-IN-TIME OPENING CYCLE

Thanks to a smart design and proven technology, the door opens and closes just in time. This shortened cycle reduces temperature loss and energy consumption up to 32%.



> Double insulated triple layer curtain

## SAFETY

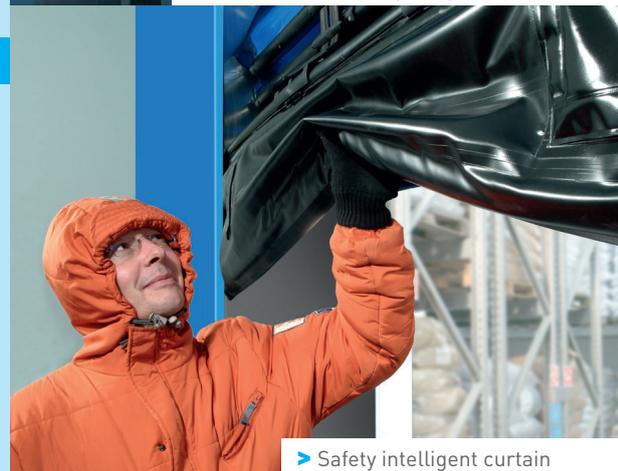


### PEOPLE AND PRODUCTS

The Nergeco "Intelligent Curtain" reduces the risk in injuries and damage. The free, flexible and soft bottom edge can be distorted both vertically and horizontally. At the slightest impact, it reopens the door.

### FOOD GRADE CURTAIN

The curtain of the C FREEZER 2 is made of food grade material, adapted to the food industry.



> Safety intelligent curtain

## LOW MAINTENANCE AND HIGH DURABILITY



### BETTER OPERATION AND LONG LIFETIME

The unique and patented folding guide of the Trekking Fold-Up technology guarantees correct bar-to-bar folding of the curtain. This assures a better operation and a longer lifetime of the door.

### DIRECT DRIVE TECHNOLOGY

The direct drive motor with proven reliability provides long lasting performance. This technology avoids the use of chains and reduces maintenance. General wear is reduced as the door operates with only 5 moving parts (motor, gearbox, limit switch, winding shaft, rotating sleeve).

### UNINTERRUPTED PRODUCTION

Even if the door is hit and a stiffener would bend, the folding door will continue to work without interrupting the production flow.

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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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