NERGECO C ARCTIC 5

A multi-composite, high-performance, roll-up door designed to operate in extreme cold and to separate two areas in a freezer.

www.nergeco.us

NERGECO
ENTREMATIC

NERGECO C ARCTIC 5

RESIST EXTREME COLD

MULTI COMPOSITE FRAME

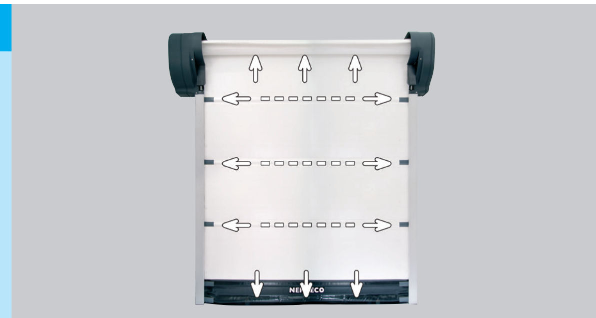
The frame is specifically suited for freezer applications as the multi-composite material has a low conductivity for temperature. The design and construction of the frame creates a natural thermal barrier.

ANTI-FREEZE FEATURES

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

SINGLE LAYER CURTAIN

The C ARCTIC 5 has a single layer curtain, allowing the separation of two freezer areas without condensation.



> Seals and handles pressure differences

ENVIRONMENT CONTROL

SEALS AND HANDLES PRESSURE DIFFERENCES

Between two air masses at different negative temperatures, for example 0°F and -10°F, and when the flexible door is closed, it is important to reduce peripheral leakage and keep it down even if there is a pressure difference. Thanks to the flexible stiffeners, pressure is distributed evenly over the whole frame which increases the seal to withstand even differences up to 100 Pa.

JUST IN TIME OPENING CYCLE

The door with enhanced safety and detection features is set to open at the last moment and close directly, with the goal to minimize the exposure time of the door.

> Anti-freeze features

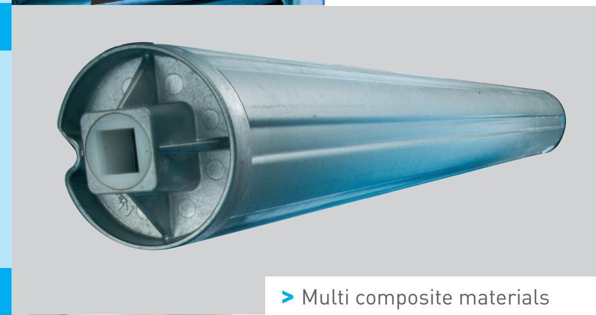
SAFETY FOR PEOPLE AND PRODUCTS

AUTO REINSERTION AND SOFT BOTTOM EDGE

In the case of an accidental impact, the soft bottom edge slides with the obstacle and the curtain sets itself again into the guides during the following cycle. This avoids obstructing traffic or repair costs.

FOOD GRADE CURTAIN

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



> Multi composite materials

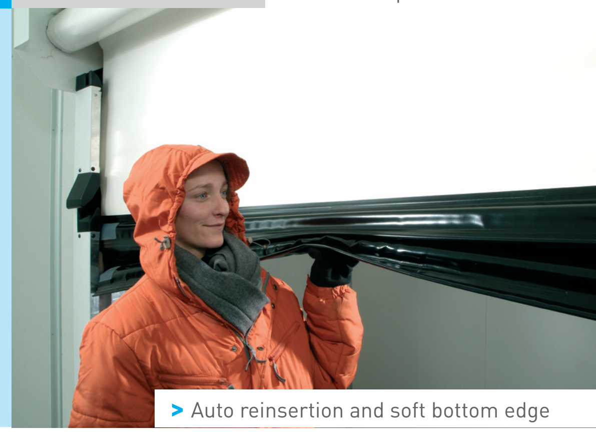
LOW MAINTENANCE AND HIGH DURABILITY

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.

NO-FRICTION ROLL UP TECHNOLOGY WITH A DIRECT COUPLED MOTOR

The motor is protected by an adapted multi composite cover and has only 5 moving parts (motor, gearbox, limit switch, rolling shaft, bearings) which limits the need for maintenance and grease.



> Auto reinsertion and soft bottom edge

Entrematic offers a comprehensive range of products for industrial, commercial, institutional and residential applications, including sectional doors, loading dock equipment, high-performance doors, residential garage doors, pedestrian door automation and openers. Built on nearly 200 years of accumulated expertise, Entrematic is the preferred partner of distributors and the number one choice of end user customers, providing innovative products, technical expertise and a portfolio of industry-leading brands including Amarr, Kelly, Serco, Dynaco, Ditec and Nergeco.

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