

Enhanced insulation  
between freezer and  
chilled environment  
without obstructing traffic.

# ISO Frigo<sup>®</sup> 3

Steel structure



The IsoFrigo 3 with steel structure is designed for insulating negative cold areas without obstructing passage. Mechanism accessible from the top of the header.

It features an insulating flexible curtain with double air mattress and a deep-freeze grade steel structure.

Dimensions up to 12 x 15 ft, larger sizes upon request.

Also available in the same product line : IsoFrigo 1 to divide two areas in freezer environment, and IsoFrigo 2 to separate between chilled and ambient environment.

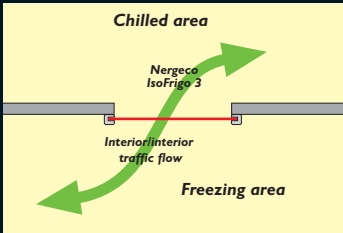


# NERGECO

Over 25 years' experience in productivity doors for your industry, your process, your site

## Installation

The structure is fitted in the opening, inside or outside of the volume to be insulated.



## Operation

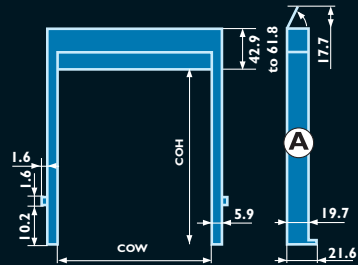
- **Opening:** "just in time®", manual or automatic with all kinds of activator; at a speed up to 40 in/s based on curtain dimension.
- **Closing:** "fast®", manual or automatic with an adjustable timer; at a speed up to 40 in/s.
- **Power-free opening:** ratchet handle.



- **Motor unit:** fitted on the left or right side - Power from 1.5 to 3 hp based on selected options.
- **Power supply:** 208/230/460/575 V, 3 phase + neutral for anti-freeze system + ground, 60 Hz, upstream circuit breaker protection.

## Insulation

- **Closed door:** the triple layer screen with double air mattress (R value: 3.19 °F.ft².h/Btu) and the structure equipped with internal caulking ensure deep-freeze grade insulation (R value: 2.14 °F.ft².h/Btu for complete door).
- **At each cycle:** the "just in time®" vertical folding and fast® unfolding bring enhanced safety and cut the air exchange by two when compared with standard curtains.



## Adapted for deep-freeze processes

- Unlike classic doors equipped with bottom bars (1), the IsoFrigo 3 B curtain is attached to the header and features several horizontal stiffeners that maintain uniform peripheral sealing and resistance to pressure (2).
- This technology allows the insertion of two sealed mattresses between each stiffener, covered with a triple

layer (4). This brings the benefit of opening/closing by folding with a reactive® soft bottom edge that secures the just in time® opening and fast® closing with enhanced safety(3).

- Low diffusion self regulated anti-freeze system integrated in the vertical guides.
- Spare parts readily available from stock.

