

Productivity door with fast vertical rolling, designed for intensive use in clean environments.

STAR 5 *Labo*[®] Business Version



The **Star 5 Labo Business** is designed for intensive use in clean environments, where contact risk is increased.

Curtain dimensions up to 14 x 15 ft, adapted to normal atmospheric pressure or controlled pressure up to 0.8 / 1 inWC.

Structure and mechanism in smooth, non-corrosive and wear-protected multi-composite with no welding.

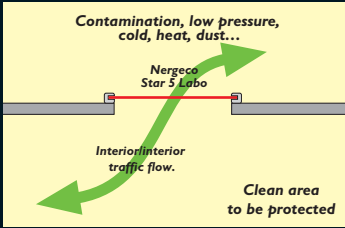
Also available in the same product line : Star 5 Labo Budget version Privilege or Emergency Exit version.

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 area to be insulated.



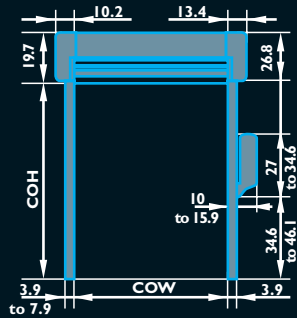
Operation

- **Opening:** "just in time", manual or automatic with all kinds of activator; at a speed up to 48 in/s based on curtain dimension.
- **Closing:** "fast", manual or automatic with an adjustable timer; at a speed up to 48 in/s.
- **Optional power-free opening:** ratchet handle, crank handle or counterbalance weight.

- **Motor unit:** fitted on the left or right side - Power from 1 to 1.3 hp based on selected options.
- **Power supply:** 208/230/460/575 V, 3 phase plus ground, 60 Hz, upstream circuit breaker protection.

Insulation

- **Closed door:** the flexible curtain guarantees sealing with a leakage surface inferior to 0.21 sq ft up to 2.7 inWC for a 8 x 8 ft door (2).
- **At each cycle:** it limits the air exchange thanks to its free®, multiflexible® soft bottom edge which allows "just in time" (3) opening and safely closes twice faster than classic doors.



Adapted for clean environments

- With no mechanical welding (1) the Star 5 Labo Business combines a curtain with sealed horizontal welds (2) with a smooth, water-repellent, easy to clean structure and mechanism (4).
- These latest generation materials offer performances superior to 316L stainless steel.
- The free®, multiflexible® and reactive® soft bottom edge prevents damages by re-opening the door as soon as a curtain deformation is detected (3).

Automatic reinsertion on the next cycle after dislocation.
Optional : D20 system for leakage control, under 250 m³/h and up to 20 Pa.

- Spare parts readily available from stock.

