

**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 4 x 4.5 m, adapted to normal atmospheric pressure or controlled pressure up to 20/25 Pa.

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

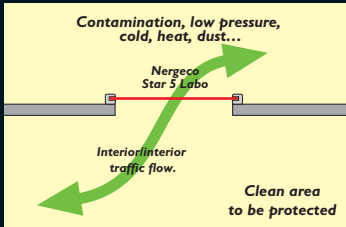
Also available in the same product line : Star 5 Labo Budget version Privilège or Emergency Exit version.



NERGECO

Installation

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



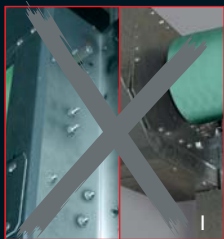
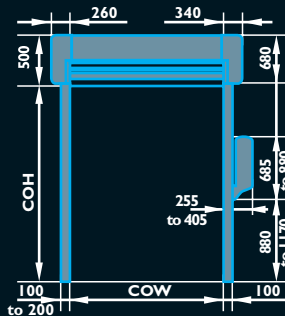
Operation

- **Opening:** "just in time", manual or automatic with all kinds of detection, at a speed of 0.9 to 1 m/s based on curtain dimension.
- **Closing:** "fast", manual or automatic with an adjustable timer, at a speed of 1 to 0.9 m/s.
- **Optional power-free opening:** ratchet handle, crank handle or counterbalance weight.

- **Motor unit:** fitted on the left or right side - Power from 0.55 to 0.95 kW based on selected options - IP 55.
- **Power supply:** 230/400 V tri-phase, 50 Hz, upstream circuit breaker protection. 300 mA.

Insulation

- **Closed door:** the flexible curtain guarantees sealing with a leakage surface inferior to 200 cm² up to 70 Pa for a 2.5 x 2.5 m 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.

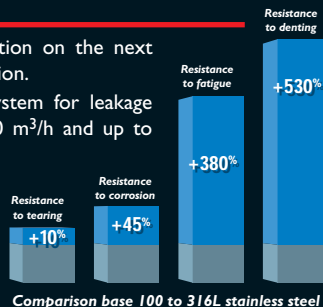


Adapted for clean environments

- 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.



Comparison base 100 to 316L stainless steel