



▶ HIGH-SPEED ROLL-UP LABORATORIES DOOR

CE

📏 INTERIOR ⏪ SEPARATE WORK AREAS ➡ STERILIZED ENVIRONMENTS

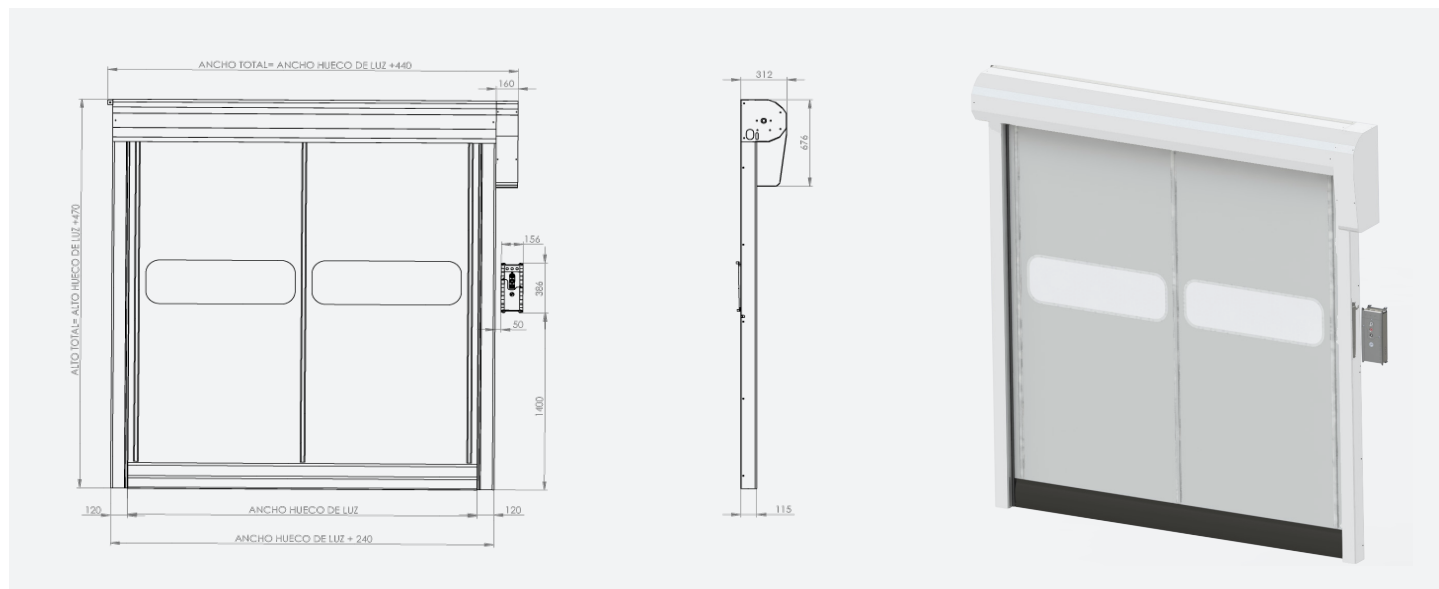
- High-Speed Door with a canvas that automatically reinserts in case of impact, designed to separate sterilized environments, ideal for clean rooms, pharmaceutical sector, laboratories, or chemical industry.
- Stands out for its careful finishes, its flush elements and its sealing that guarantees a controlled pressure leak and low permeability, which allows minimizing the entry of dirt.
- To preserve hygiene more effectively, we have non-contact opening options ("contactless") and the ability for doors to work interlocked (up to 5 doors) to restrict cross-contamination.



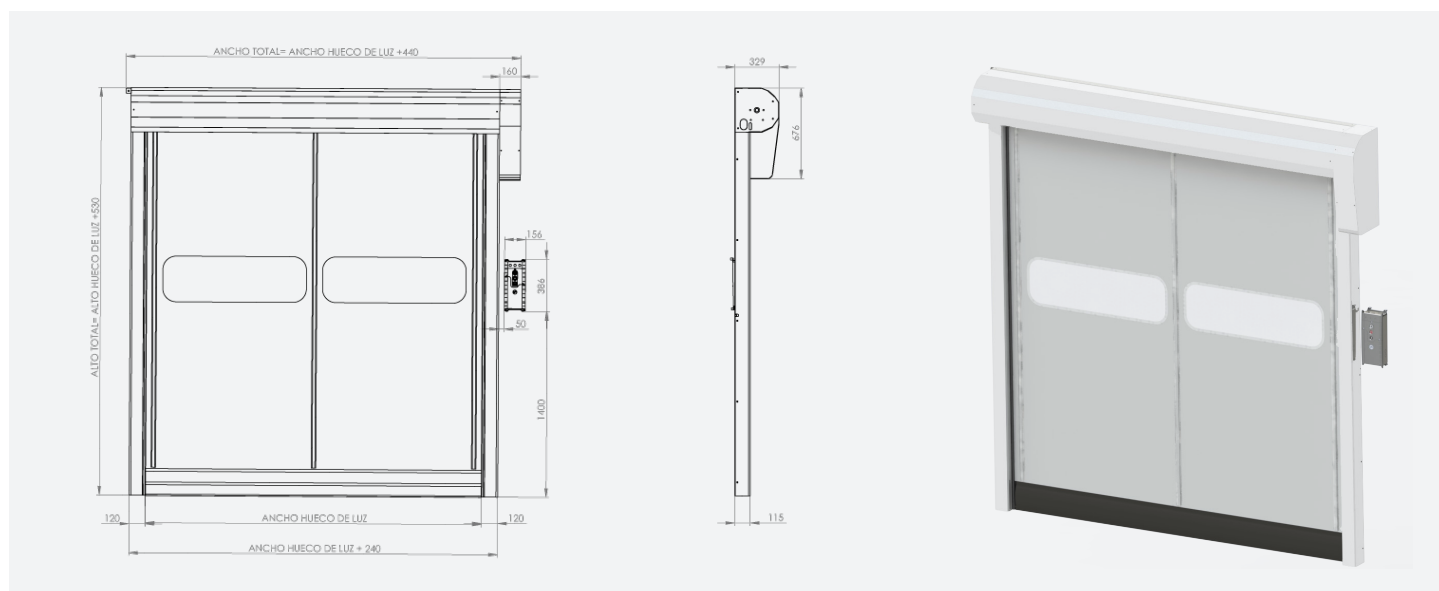
STRUCTURE

- Structure available in the following materials:
 - White lacquered steel RAL 9010
 - Stainless Steel 441 or 316.
- Hygienic guides with integrated polyethylene pieces to eliminate friction and waste (without brushes).
- Aluminium shaft for rolled up the canvas, that slides over high-quality bearings, to reduce wear and increase the durability of the canvas.
- Wind resistance class 2, 3, 4 according to measurements.
- Reduced Permeability 50 PA.

TECHNICAL SPECIFICATIONS & ASSEMBLY DRAWINGS DAYLIGHT HIGH ≤ 3200 MM



TECHNICAL SPECIFICATIONS & ASSEMBLY DRAWINGS DAYLIGHT HIGH ≥ 3200 MM



CANVA

- Canvas of 1300 gr/m², made of PVC nylon fabric very resistant that prolongs the durability of the canvas.
- Treatment against propagation of FR flame, self-extinguishing and U.V. treatment against solar degradation.
- Includes always a range of vision panels (different configurations).
- Flexible and resistant reinforcing bars in composite, which allow the canvas easily returns to its original position in case of impact.
- Black base completely flexible so that it does not get damaged in case of impact and that allows the door to be perfectly flush with the ground, even if the surface is irregular.

WIDE RANGE OF CANVA COLOURS



MOTORIZATION

MOTOR

- Gearmotor with high performance electro brake with manual crank release in case of lack of electricity.
- Motor with IP65 standard that guarantees water and moisture tightness.
- Maintenance-free motor with low noise level and position control by absolute encoder.
- Engine cover, with the same finish as the structure, always included.

CONTROL PANEL

- The easily programmed control panel is made from high quality material and equipped with a frequency shifter. 12/24 VDC power source with incorporated electricity stabilisation.

Adjustment to limit switch from the control panel. This does not have to be done from the motor, so lifting gear is not necessary for making the adjustment.

IP65 control box, watertight and moisture proof.

- Opening speed to 1,6 m/s.
- Closing speed to 0,6 m/s.

SAFETY-MARKER CE

Certified with CE marking according to NORM UNE-EN 13241-1:2004+A1:2011, puerta equipada:

- Safety light curtain IP67 (2000H or 2500H in function of the height of the door) integrated in the guide, with hidden wiring, which guarantees the protection of the entire passage surface, minimizing the risk of impact.
- Interior bottom box IP67 with emergency stop, so the door can always be opened from both sides, preventing anyone stay inside a room.

MARKER CE/EN13241

TECHNICAL DETAILS	INDICATOR
Air Permeability	Permeability guides reduced
Wind resistance	Class 2,3,4 (according to size)
Water Permeability	Class 2
Engine power	0,75 Kw
Power consumption control panel	11 w
Energy consumption safety curtain	4 w
Voltage of the control circuit	24V
Maximum height of the field of protecting	Led Curtains 2500H
Degree of protection of the engine and tableau	IP65

STANDARD VOLTAGE

1x230Vac-50/60 Hz





PRLAB - HIGH-SPEED ROLL-UP LABORATORIES DOOR

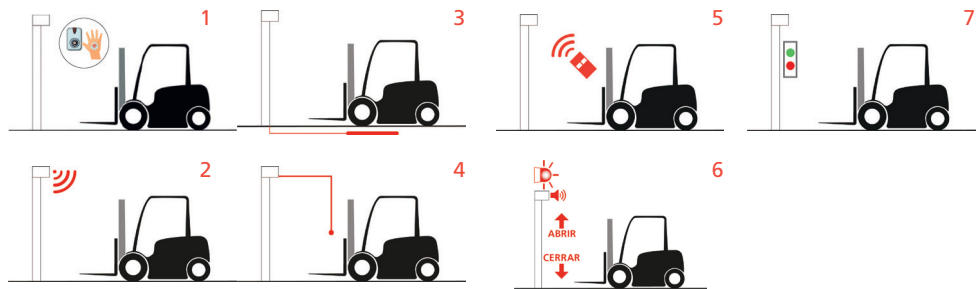


MULTIPLE DOOR OPTIONS AND LAYOUTS

- Door structure in 304 or 316 stainless steel.
- Opening options: sensor, induction loop, remote control, pull cords.
- Signal options: safety light, traffic light...
- Opening without contact or contactless ensuring maximum hygiene.
- Interlocking system between 2 or more doors.
- Double height stop to regulate passage people and vehicles.
- Emergency opening system, by kicking at the bottom of the door.
- Uninterruptible power supply (UPS) or battery for emergency opening in case of electrical failure.
- Extension of cables for ceiling mounting.
- Canvas customisation.
- Kick plate on the bottom of the canva in white colour.

OPENING OPTIONS






1. Contactless.
2. Sensors.
3. Induction loop.
4. Pull cords.
5. Remote control.
6. Safety light with son.
7. Traffic light...



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 ADDED VALUE	 COMMITMENT AND BELIEF	 EASY ASSEMBLY AND MAINTENANCE	 QUALITY and R&D	 FLEXIBILITY
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info@abhdocksolutions.com
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