



MADE IN
FRANCE

Tailor-made innovation:

- Recognized materials in the field of clean room
- Easily cleanable
- Easy maintenance
- Intensive passages
- EN 13241
- Controlled leak flow rate
- Box integrated into the amount
- Complete cowling
- Engine taken directly on shaft



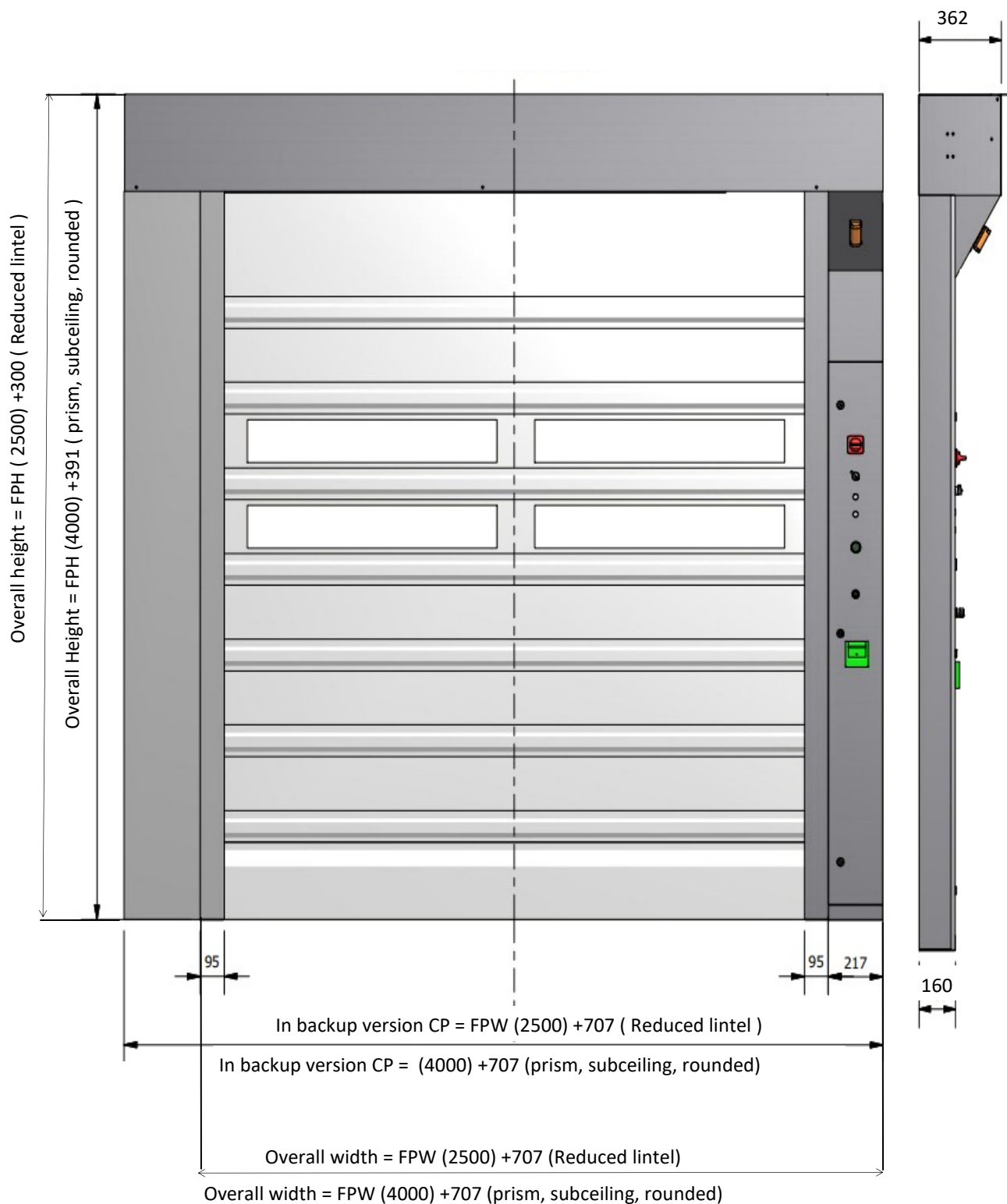
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Desk + Hinged mounting box:

- Sélecteur auto/semi-manu
- Bouton affleurant ouverture
- Bouton affleurant fermeture
- Bouton sans contact avec couleur pilotable
- Arrêt d'urgence

Possible operation
• Automatic
• Semi-automatic
• Manual





Tailor-made innovation:

- Recognized materials in the field of clean room
- Sleek shape without retention
- Easily cleanable
- Easy maintenance
- Intensive passages
- controlled leak flow rate
- Integrated Box in the crosspiece
- Boutonnerie on amount
- Complete cowling
- Engine taken directly on shaft

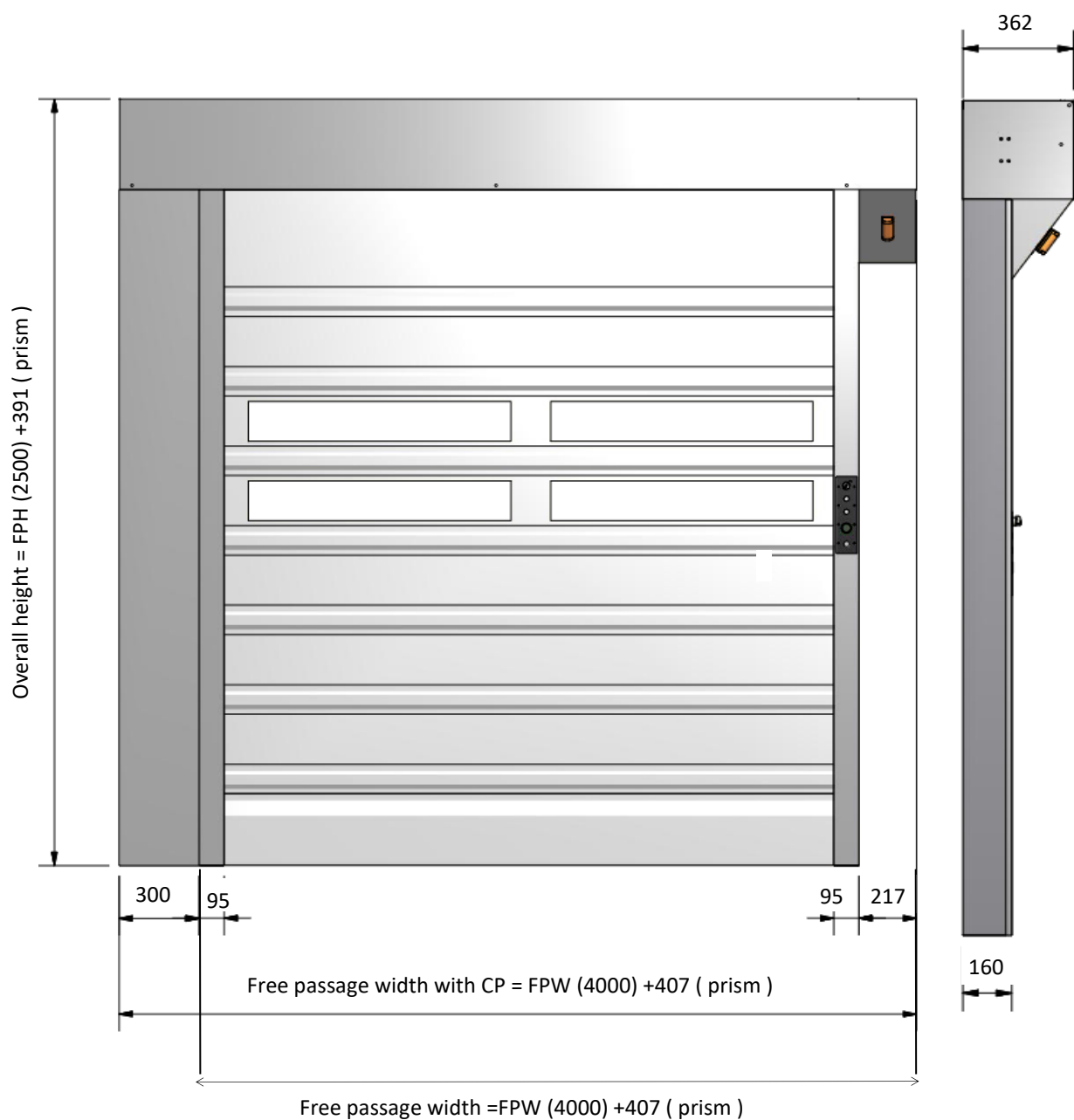


Lectern + Crossbar box on hinge:

- Contactless button with controllable color
- Auto/semi-manual selector
- Flush button opening
- Flush button closure
- Emergency stop

Possible operation
• Automatic
• Semi-automatic
• Manual





Structure :

Ultra-resistant structure offering incomparable strength and durability:

- Steel or stainless steel structure 1.5 mm thick
- Allowable operating temperature: -10 to +60°C
- Opening of the traverse on hinge

Ral 9010	Ral 9016	Ral 1015	Ral 1021
Ral 1003	Ral 2024	Ral 3002	Ral 5015
Ral 5010	Ral 5002	Ral 6026	Ral 7035
Ral 9006	Ral 7038	Ral 7037	Ral 9005



Under-ceiling Cowling



Rounded Cowling



Reduced Lintel cowling

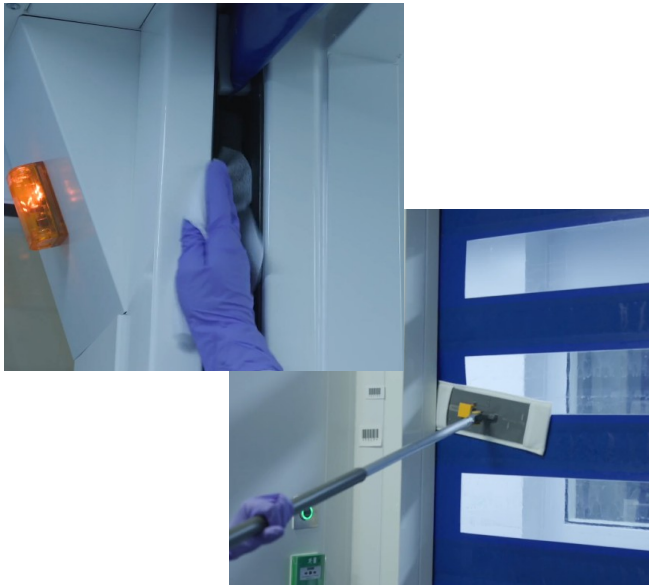


Prism Cowling



Cleaning :

Door designed according to the ANSM's GMPs. All products usable by wiping on the structure except corrosive products.



Accepted products for the curtain :

- Surfanos
- Hexanios
- Spore Klens
- Cleany Pro 900
- Alcohol wipes P Rosat
- Isopropyl alcohol spray cans
- H₂O₂ at 35%
- PPI water

Emergency opening:

Mechanical opening at 75%



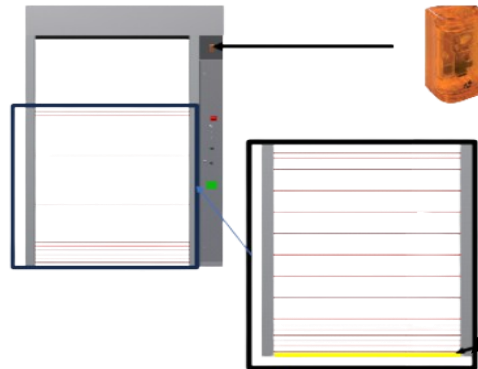
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Inverter opening at 75%

Autonomy of 15 min



Safety according to EN 13241-1 :



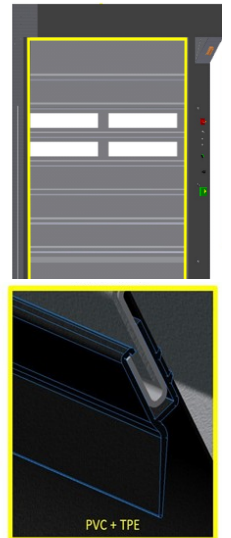
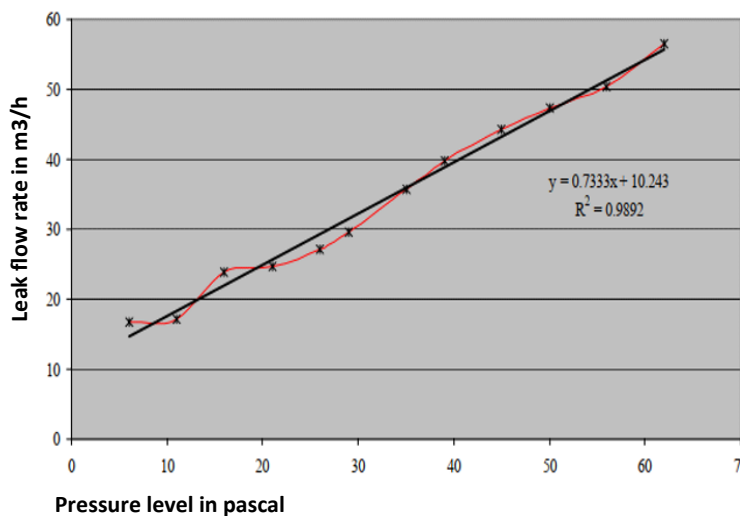
Our light barrier standard for
Labo Advance and Premium
Profile

- Multi-beam light barrier in accordance with EN 13241-1.

Reinforced waterproof apron :

- Shape memory composite stiffeners integrated into the tarp, limiting deformation.
- UPF 50+ certified canvas, ensuring high protection against ultraviolet radiation (EN 13758-1/2).
- Antifungal treatment by capillary rupture, preventing the development of mold (EN ISO 846).
- Increased durability: preservation of the initial appearance and mechanical performance after climatic cycles and UV exposures (ISO 4892).
- Smooth surface with low roughness, limiting dirt adhesion and facilitating cleaning.
- Climatic resistance from -40 °C to +70 °C (24-hour cycles).

Evaluation of the leak flow rate based on the air pressure level



Ral 9010	Ral 9016	Ral 1015	Ral 1021
Ral 1003	Ral 2024	Ral 3002	Ral 5015
Ral 5010	Ral 5002	Ral 6026	Ral 7035
Ral 9006	Ral 7038	Ral 7037	Ral 9005

Specifications	PROFILE LABO PREMIUM	PROFILE LABO ADVANCE
Variants of hoods	Rounded, Prism, Reduced lintel, Subceiling	Prism
Norms		
EN 13 241 -1 STANDARD VERSION	CETIM PV N° 79 1333	CETIM PV N° 79 1333
EN 13 241 -1 STANDARD counterweight	CETIM PV N° 78 1344	CETIM PV N° 78 1344
Atex Test 2 GD and 3 GD INERIS	X	X
MSIS Leak Rate Test	S528. 105 R1	S528. 105 R1
GMP CLASS	D and C	D
Structure		
Panel mounting	✓	✓
Mounting on wall	✓	✓
Tunnel mounting (rear cowling)	Option	Option
Maximum free passage width (Rounded, Prism, Subceiling)	4000 mm	4000 mm
Maximum clear passage height (Rounded, Prism, Subceiling)	4000 mm	2500 mm
Maximum free passage width (reduced Lintel)	2500 mm	x
Maximum free passage height ((Reduced lintel))	2500 mm	x
Painted steel structure	✓	✓
Stainless steel structure 304 L	option	option
Stainless steel structure 316 L	X	X
Slide with PVC lip seals for sealing	✓	✓
Curtain		
Curtain entirely made of polyester coated with PVC 600g/m 2	✓	✓
100% visibility (max 6 porthole)	Option	Option
Fire resistance fabric M3 Ral : 1015 / 1003 / 2024 / 3002 / 5010 / 6026 / 7037 / 9016 / 7038 / 7035 / 9006 / 5015 / 5002 / 9005 / 2021 / 9010	✓	✓
Fire resistance fabric M2 Ral: 941, 652, 5015	Option	Option
Reinforced one-piece waterproofing	✓	✓
Insulated canvas (U = 5.8 W /m 2.K)	Option	Option
Temperature resistance range -2°C To + 50°C	✓	✓
RAL 1015 / 1003 / 2024 / 3002 / 5010 / 6026 / 7037 / 9016 / 9010 / 5002 / 7035 / 9005 / 7038 / 9006	✓	✓
Other RAL on request	Option	Option
Motorization		
Three-phase anti-fall motor with reducer mounted at the end of the shaft	✓	✓
IP54 optional IP65	✓	✓
Brake integrated into the engine	✓	✓
Adjustable mechanical limit switch	X	X
Adjustable electronic limit switch on control panel	✓	✓
Winding tube mounted on self-aligning bearing	✓	✓
Quantity of cycle per hour max 45 openings closures/hour	✓	✓
Quantity of cycle per hour max 160/hour	Option	Option
Control cabinet & interlocks		
Power supply 230V/400 V tri + Earth	Option	Option
Speed controller in 220V mono	✓	✓
Mini 16 A Curve D Disconnecter	✓	✓
Section cable mini 1.5 mm 2		
Opening speed	maxi 1.5 m/s	maxi 1.5 m/s
Closing speed	maxi 0.8 m/S	maxi 0.8 m/S
Max cycles with variable speed drive	maxi 1000000	maxi 1000000
Position IP40 control box	in the casket amount	in the crossbar
IP Box 65	Option	Option
Delay in pressure renewal and interlocking of 2 doors	Configurable	Configurable
zipper, contactless buttons, radar, magnetic loops	Option	Option
Contactless buttons with color control	✓	✓
Interlocking module from 2 to 8 doors	Option	Option
Security		
Intangible barriers	✓	✓
Cells + sensors Emergency opening via crank	Option	Option
Emergency opening via crank	✓	✓
Emergency opening by mechanical counterweight or	Option	Option
Emergency opening via inverter		