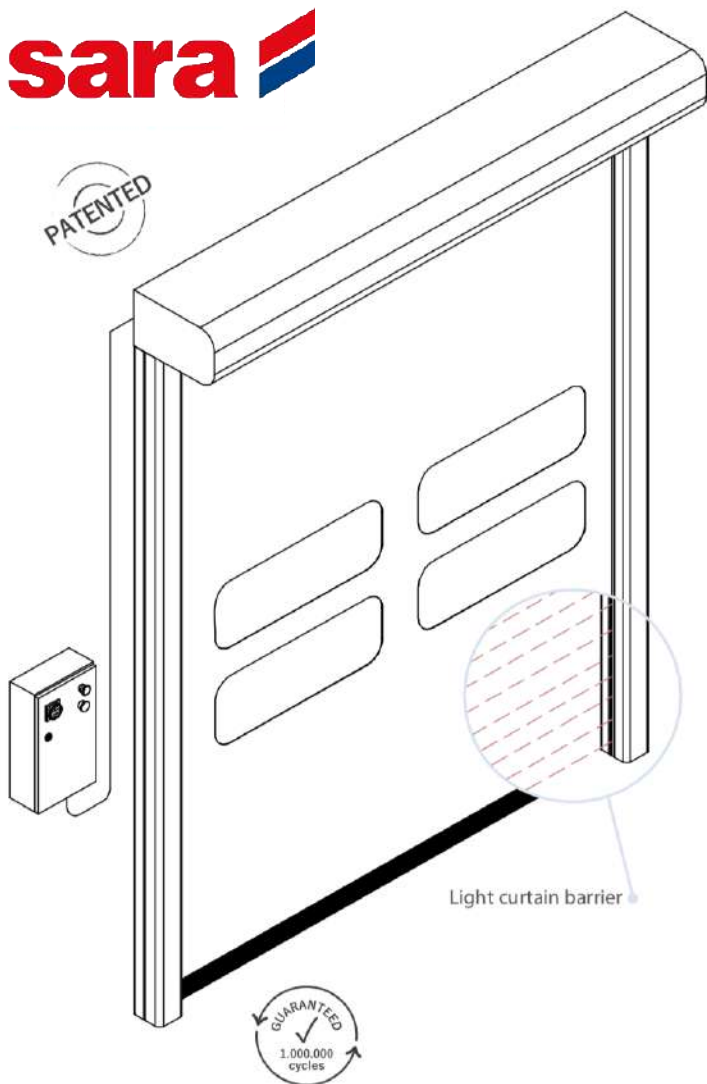


DYNAMICROLL® CB 125



DESCRIPTION

DynamicRoll® CB 125 is a selfrepairing roll up door designed to separate over-pressured sterile environments, thanks to its sealing ensures controlled pressure leakage allowing the ventilation systems and air purification to operate correctly.

Thanks to its special compact frame and to the special sliding system door has a low permeability to be suited for controlled environments.

Thanks to the special sliding system, that lets the curtain, without rigid elements inside it, come out from the guides, to protect itself in case of any impact during the operation of the door and allows it to reinsert after one cycle.

DynamicRoll® name assure the safety of staff, thanks to its curtain without rigid horizontal elements.

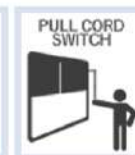
ADVANTAGES

- ✓ Self-repairing
- ✓ Rapid
- ✓ Sealing
- ✓ Noiseless
- ✓ No rigid elements inside the curtain for 100% safety
- ✓ Plug & play (easy to install)
- ✓ Low maintenance
- ✓ Energy savings

APPLICATION

Door ideal for:

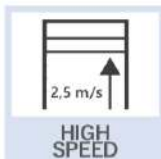
- ✓ Pharmaceutical
- ✓ Food processes
- ✓ Pressure controlled environments
- ✓ Clean rooms



EN13241/CE

Standard	Ref.	Test acc.	Results
Water permeability	EN 12425	EN 12489	Class 1
Wind load	EN 12424	EN 12444	Class 2
Wind permeability	EN 12426	EN 12427	Class 2
Safe openings	EN 12453	EN 12445	✓
Mechanical resistance	EN 12604	EN 12605	✓
Unintended movements	EN 12604	EN 12605	✓
Thermal transmittance	EN 12428	EN 12428	6,02 W/m²K
Performance (cycles)	EN 12604	EN 12605	1.000.000

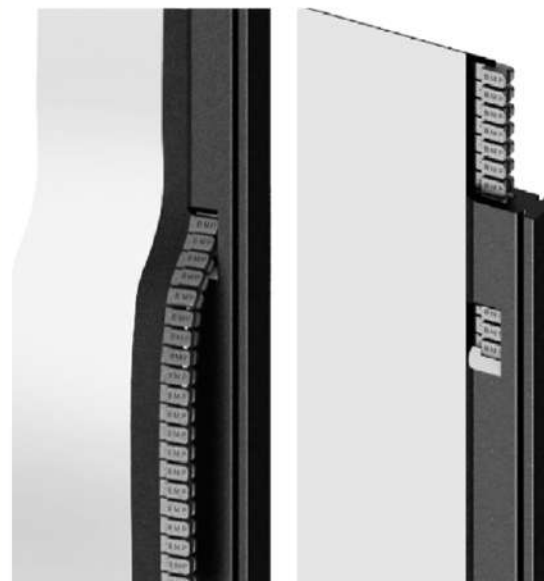
VALUES CAN CHANGE DEPENDING ON DOOR DIMENSIONS



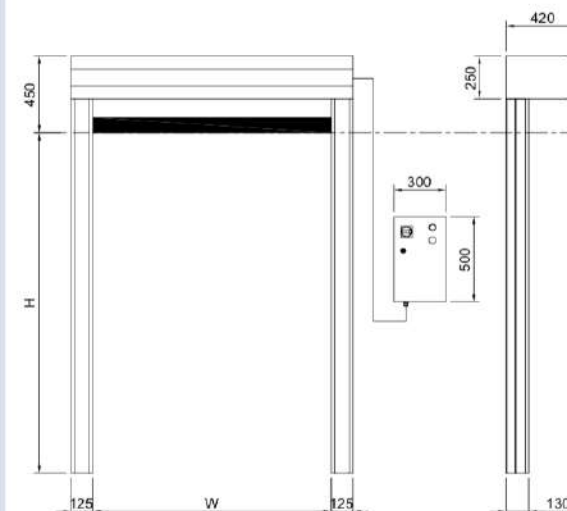
FEATURES	
Maximum dimensions	W 4000 mm x H 4000 mm
Speed	Max opening speed up to 2,5 m/s
	Closing speed 0,8 m/s.
Wind resistance	Class 2
Structure	Not self-supporting
Frame / motor cover hood	Standard: Galvanized Steel
	Optional: Powder coated Steel Stainless Steel 441/ 316
Curtain	Standard: PVC curtain 1300 gr/m ² , 6 W/m ² K
	Optional: Insulated 7 mm, 3.3 W/m ² k Translucent 35/40% FDA (white) Antistatic
Sliding system	Patented sliding system with high density Polyethylene self-lubricant equipped of sliding zipper directly on curtain.
Control panel	Standard: Powder coated Steel box IP54 (300 x 500 x 150 mm)
	Optional: Stainless Steel PVC box IP65 (300 x 400 x 150 mm)
	Inverter system 50/60 Hz with absolute encoder
	Power supply 1-ph, 230V max 16A
	Power supply 3-ph, 400V max 10A
	Power supply 3-ph, 230V max 16A
	Start/Stop Button
	2 free contacts (door open/ closed/ alarm)
	Automatic/ Manual Interlocking between 2 doors
Wiring	IP rating for motor and control panel IP54
	Plug and Play system IP65

FEATURES	
Safeties	Standard: Photocells set IP65 Anti-jam sensor reverse WiFi safety edge IP65
	Optional: Multi ray light curtain barrier H2500 IP67
Emergency opening	Standard: Mechanical key
	Optional: UPS Battery
Advising operative temperature	Operating till - 10° C * with heating kit added - Not apt to be installed in negative/positive temperature
Cycles (EN 12604)	1.000.000 (tested)

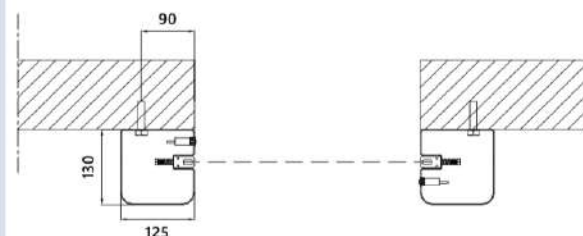
SLIDING SYSTEM/ SELF-REPAIRING



DOOR SPACE REQUIREMENTS



FIXING DETAILS



AVAILABLE COLOURS

Simil RAL 9010 
Simil RAL 1015 
Simil RAL 1003 

Simil RAL 2004 
Simil RAL 3002 
Simil RAL 6026 

Simil RAL 7042 
Simil RAL 7037 
Simil RAL 7035 

Simil RAL 5012 
Simil RAL 5002 

sara 

Technical data

PVC CURTAIN / TELO PVC 1,3 mm - 1300 gr/m²

Simil RAL 9010	Simil RAL 2004	Simil RAL 7042	Simil RAL 5012
Simil RAL 1015	Simil RAL 3002	Simil RAL 7037	Simil RAL 5002
Simil RAL 1003	Simil RAL 6026	Simil RAL 7035	

Simil RAL 9010	Simil RAL 3002	Simil RAL 7035	Simil RAL 9005
Simil RAL 1015	Simil RAL 8014	Simil RAL 7037	Simil RAL 5010
Simil RAL 1003	Simil RAL 6026	Simil RAL 7042	Simil RAL 5002
Simil RAL 2004	Simil RAL 6018	Simil RAL 9006	Simil RAL 5012

PVC CURTAIN / TELO PVC 0,9 mm - 900 gr/m²



INSULATED CURTAIN / TELO COIBENTATO 3,5 mm - 1300 gr/m²

Simil RAL 9010	Simil RAL 6026	Simil RAL 7035	Simil RAL 5002
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Simil RAL 9010	Simil RAL 2004	Simil RAL 7035
Simil RAL 1003	Simil RAL 3002	Simil RAL 5002

INSULATED CURTAIN / TELO COIBENTATO 7 mm

Simil RAL 9010

FOOD CURTAIN (FDA) 1,7 mm - 1700 gr/m²

TYPE OF COATING AND FINISH / MATERIALE FINITURA TELO		
Coating material / Materiale	PVC	
Top coating / Finitura	Lacquered finishing on both sides / Laccato su entrambi i lati	
Flammability / Resistenza al fuoco	ISO 3795 < 100 mm/min.	
Best weight / Peso totale	900 / 1300 g/m ²	DIN EN ISO 2286-2
Tensile strength / Resistenza alla trazione	4300 / 4000 N/50 mm	DIN EN ISO 1421 A/1
Tear strength / Resistenza alla lacerazione	500 / 500 N	DIN 53363
Adhesion / Adesione	20 N/cm	LB 3.04-1
Low temperature resistance / Resistenza al freddo	-40 °C	DIN EN 1876-1
High temperature resistance / Resistenza al caldo	+70 °C	LB 3.15
Color fastness to light / Solidità alla luce	>6 Value / Note	DIN EN ISO 105 B02
Bending strength / Resistenza alle piegature	No creases / Nessuna piega	10.000 x @ DIN 53359 A

TESSUTO DI SUPPORTO / BASE FABRIC		
Material / Materiale	DIN ISO 2076	
Yarn count / Titolo del filato	1100 dtex	DIN ISO 2050
Weave / Armatura	P2/2	
Notes / Note	Complies with DIN EN 12641-2 / Soddisfa i requisiti DIN EN 12641-2	

DynamicRoll® CB 125



ROLL UP DOOR

DynamicRoll® CB 125 is a self-repairing roll up door designed to separate overpressured sterile environments.

Thanks to its tightness, compact structure and its special sliding system, DynamicRoll® CB125 guarantees controlled loss of pressure and allows the ventilation systems and air purification to operate correctly.

Its patented sliding system guarantees safe operations: in case of an accidental collision, the curtain is released and reinserted after one cycle.

PORTA RAPIDA AVVOLGIBILE

TECHNICAL DATA / DATI TECNICI

Maximum door size (W x H) / Dimensioni massime (L x H)	4000 x 4000 mm	Opening speed / Velocità d'apertura	~ 2,5 m/sec.
		Closing speed / Velocità di chiusura	0,8 m/sec.
Wind load / Resistenza al vento:	Class 2 / Classe 2	Applications / Applicazioni	Inside / Interno

