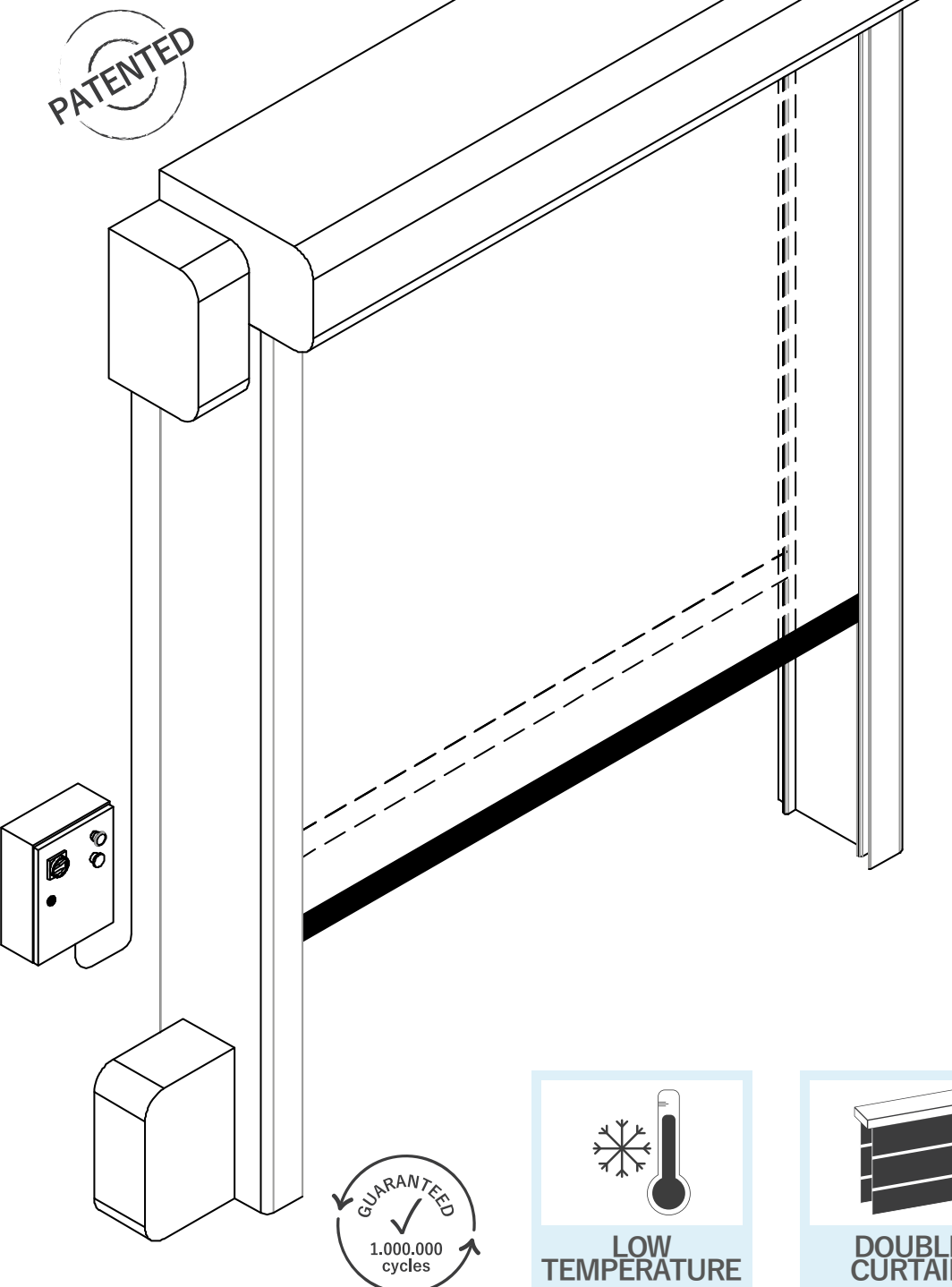




DYNAMICROLL® FRIGO 2



DESCRIPTION

DynamicRoll® **FRIGO 2** is a self-repairing roll up door equipped of 2 curtains without any rigid elements inside, divided by 200mm and in closed position make air space insulated.

This technology makes the door ideal to reach the refrigeration field needs, where it's often needed to separate environments with positive temperature and negative one, avoiding the condensation and icing, situation dangerous for workers and for proper operation of door itself.

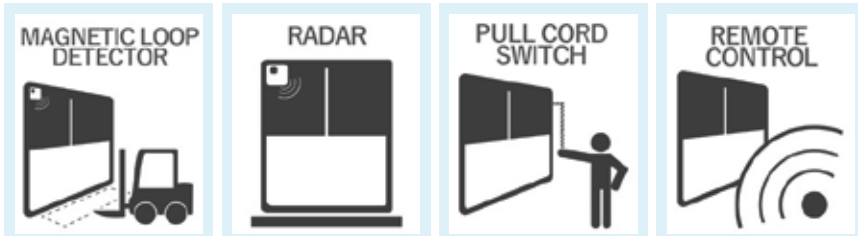
DynamicRoll® FRIGO 2 can be installed both in positive and negative temperature and it's a guaranteed of safety for workers and means, thanks to its curtains without any horizontal rigid elements and to the special sliding system let the curtains in case of any crash, during the operation of the door, go out and being reinserted after one cycle.

ADVANTAGES

- ✓ Self- repairing
- ✓ Rapid
- ✓ Sealing
- ✓ Noiseless
- ✓ No rigid elements inside the curtain for 100% safety
- ✓ Plug & play (easy to install)
- ✓ Low maintenance
- ✓ Energy savings
- ✓ Allow the traffic flows in safety between areas of high temperature gap
- ✓ Double PVC curtains (airspace between 200 mm)

APPLICATION

- Double curtains door** ideal solution for:
- ✓ Refrigeration industry
 - ✓ Ideal to manage high temperatures difference even without a humidity controlled system



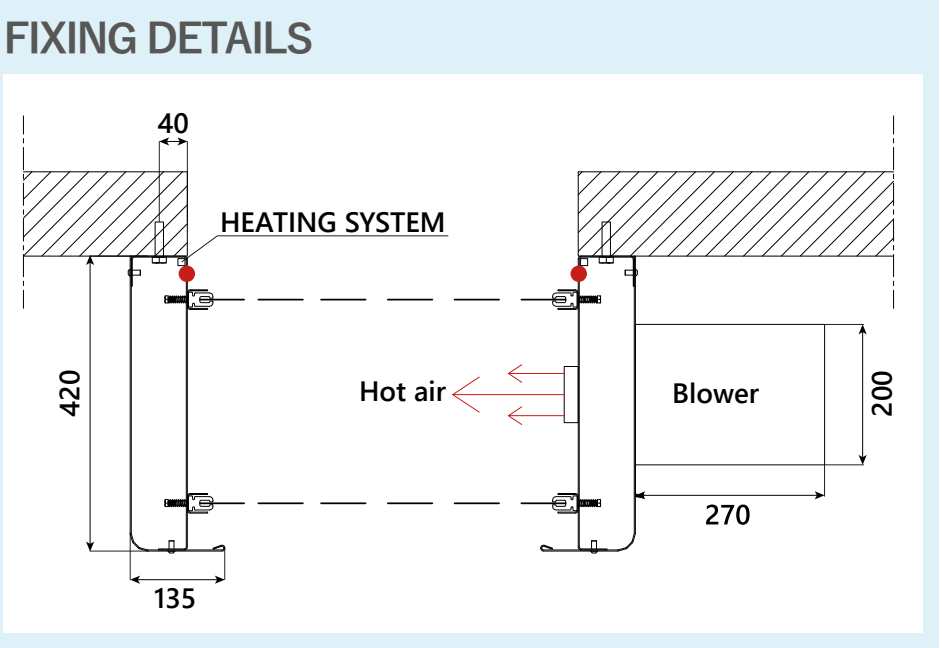
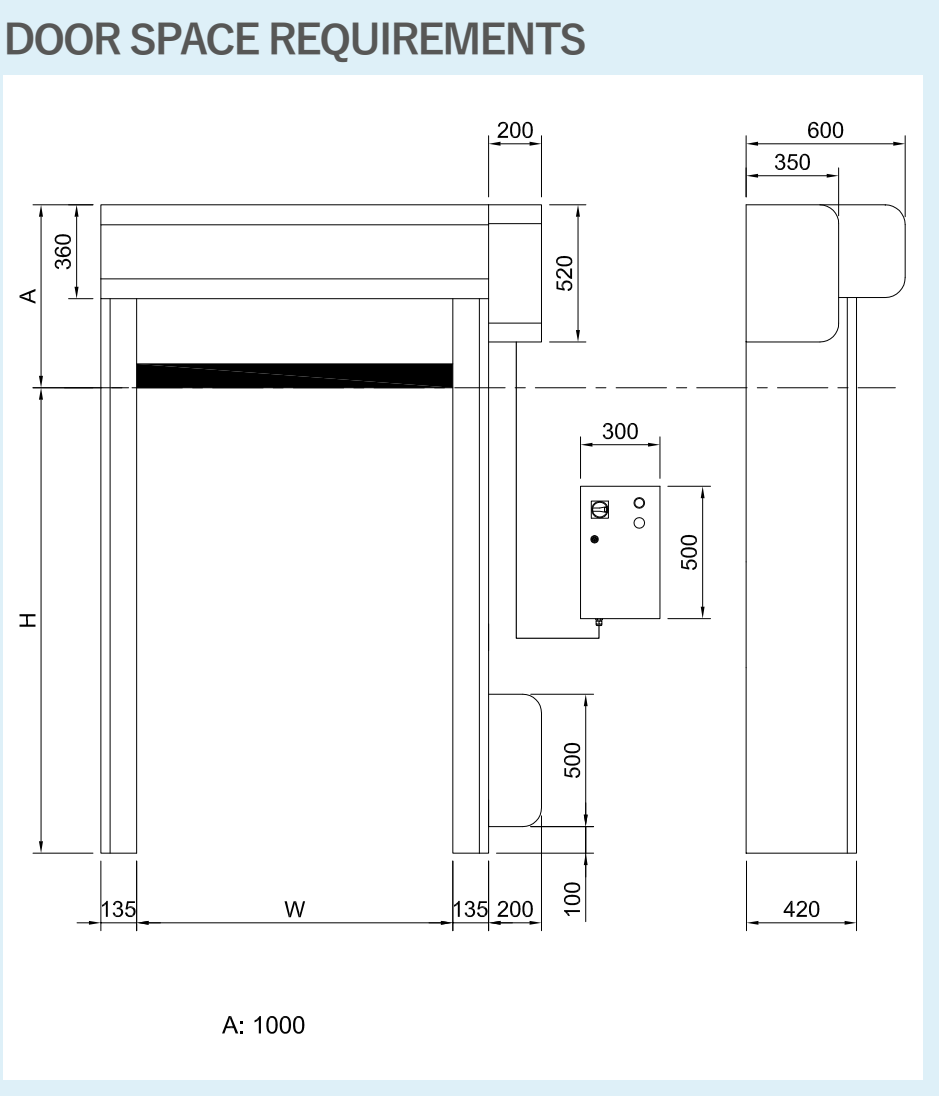
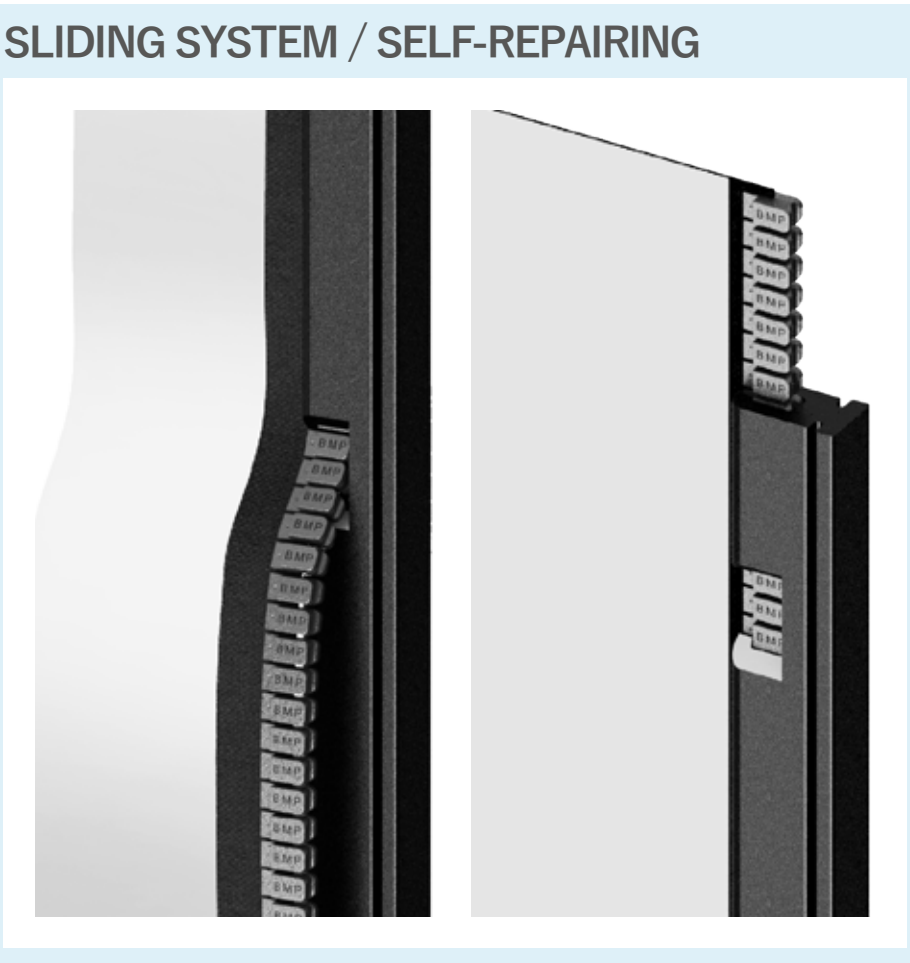
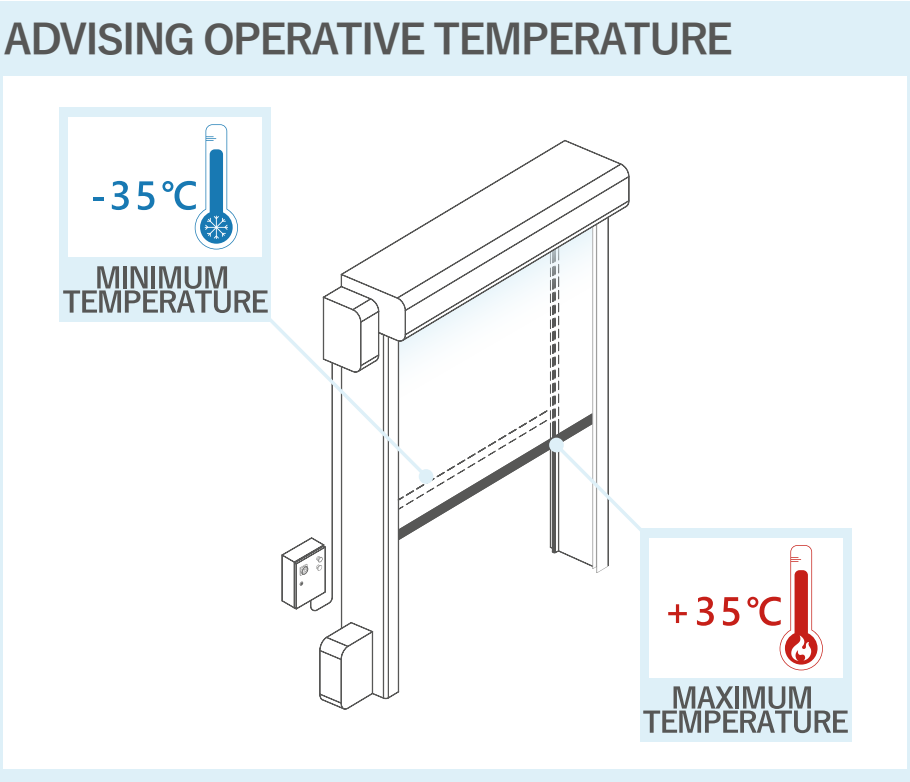
EN13241/CE

Standard	Ref.	Test acc.	Results
Water permeability	EN 12425	EN 12489	Class 1
Wind load	EN 12424	EN 12444	Class 4
Wind permeability	EN 12426	EN 12427	Class 4
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 6000 mm x H 7000 mm
Speed	Max opening speed up to 1,8 m/s
	Closing speed 0,8 m/s
Wind resistance	Class 2
Structure	Not self-supporting
Frame / motor cover hood	Standard: Galvanized Steel Powder coated Steel
	Optional: Stainless Steel 304/316
Curtain	Standard: PVC curtain 900 gr/m²
Sliding system	Patented sliding system with high density Polyethylene self- lubricant equipped of sliding zipper directly on curtain.
Control panel	Power supply 3-ph, 230 V
	Power supply 3-ph + N 380 V
	Inverter system 50/60 Hz with absolute encoder
	IP rating for motor and control panel IP54
Wiring	Plug and Play system IP65
Safeties	Standard: Photocells set IP65 Anti-jam sensor reverse WiFi safety edge IP65
	Optional: Multi ray light curtain barrier H2500 IP67
Emergency opening	Standard: Hand crank
	Optional: Chain system UPS Battery
Heating kit	A: Heater on electrical components and mechanical, heating cable 30W ml
	B: Heater in air space with warm air blower 3,7 KW max.
Cycles (EN12604)	1.000.000 (tested)



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



Dynamicroll® Frigo 2



DynamicRoll® FRIGO 2 is equipped with two separated curtains to create an insulated air space in closed position. It is ideal in refrigeration industry to separate environments with very high thermal conditions differences, as it prevents icing and condensation.

La **DynamicRoll® FRIGO 2** è dotata di due manti separati tra loro per la creazione di una camera d'aria isolata in posizione di chiusura. È ideale nel settore della refrigerazione, per la separazione di ambienti con condizioni termiche estremamente differenti, in quanto evita la formazione di ghiaccio o condensa.

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/m2	DIN EN ISO 2286-2	
Tensile strength / Resistenza alla trazione	4300 / 4000 N/50 mm	DIN EN ISO 1421/V1	
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 strenght / 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 2060
Weave / Armatura	P2/2		
Notes / Note	Complies with DIN EN 12641-2 / Soddisfa i requisiti DIN EN 12641-2		



TECHNICAL DATA / DATI TECNICI			
Maximum door size (W x H) / Dimensioni massime (L x H)	6000 x 7000 mm	Opening speed / Velocità d'apertura	~ 1,8 m/sec.
		Closing speed / Velocità di chiusura	0,8 m/sec.
Wind load / Resistenza al vento:	Class 2 / Classe 2	Applications / Applicazioni	Inside / Interno

