

# Spiral Door ISO 40



*It is the top of the range in the insulated blinds Thermicroll® because it guarantees the best performance in terms of **speed**, **security** and **isolation**, combined with an aesthetic very attractive; it is suitable for both indoor and outdoor applications.*

*The patented circular spiral winding is made of high-density polyethylene and the mantle is composed of aluminum or steel panels with double walls with high thermal-acoustic insulation and the possibility of insertion of polycarbonate windows.*

*The enormous advantage of this product is its versatility because the dimensions of the winding is very small and it is absent the footprint when the door is open. It also does not require anchoring to the ceiling, unlike traditional sectional doors.*

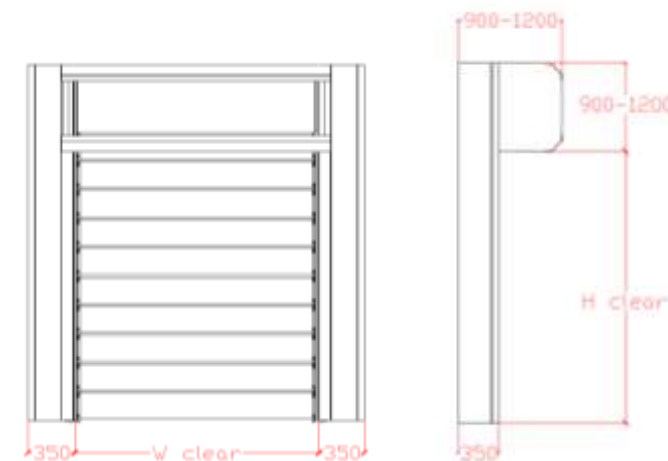
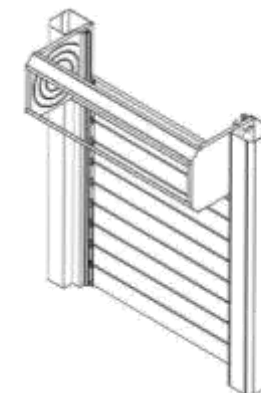
*All this means that the market for industrial closures is now oriented towards this technology.*

*The simple construction allows to bring down costs, maintenance and installation time, but at the same time enhances the quality that is certified in compliance with existing laws.*

*The creations of the insulated doors Thermicroll® are certified as exclusive and original products, unique for strength, practicality, functionality and quality.*

# Technical Data Sheet ThermicRoll® Spiral Door ISO 40

APPLICATIONS	Indoor / Outdoor		
MAXIMUM SPEEDS	Opening	Up to 2 m/s	
	Closing	0.5 m/s	
MAXIMUM DIMENSIONS	Width	6000 mm	
	Height	5000 mm	
OVERALL DIMENSIONS	Side	350 mm	
	Top	H < 3700	650 mm
		3700 < H < 5000	800 mm
H > 5000	1000 mm		
WIND RESISTANCE	WxH: 3000 x 3000 mm	Class 4	in accordance with standard: DIN EN 12424 - 44
	WxH: 5000 x 5000 mm	Class 3	
	WxH: 6000 x 5000 mm	Class 3	
THERMAL INSULATION	U = 1.9 W/m <sup>2</sup> K	in accordance with standard: EN 12428	
MANTLE	Brushed oxidized aluminium	thickness 42mm	
	Pre-painted steel	thickness 42mm	
	Powder painted	Optional	
STRUCTURE	Galvanized steel	Optional	
	Painted steel		
STRUCTURE PROTECTION	Galvanized z170	Optional	
SPIRAL WRAP AND SIDE LEADS	high-density polyethylene	PE HD 500,000	Patented
CONTROL PANEL	Inverter 380 v	Automatic operating logic and management of all the safeties in LOW VOLTAGE. High capacity separate power supply 24 v	
CONTROL PANEL DIMENSIONS	300 x 400 x 150 (mm)		
POWER SUPPLY	400 V	Frequency	50 / 60 Hz
ENGINE POSITION	FRONT OR SIDE		
SAFETY PHOTOCELL	IP 69	22 rays up to h=2500mm	in accordance with standard: UNI EN 13241 - 1
SAFETY LEAD	Wireless	Optional	
SAFETY BARRIER	H = 2500 mm	Optional	
EMERGENCY OPENING	Counterweigh		



## OPTIONAL

PANELS	Windowed, double wall	PMMA acrylic UV
	Micro-perforated	Model <b>Spiral Air Flow</b>
	Powder Painting	
ACCESSORIES	Wire rope anchors	Flashing
	Heating System	Numeric keypad
	Magnetic detector	Light Tower
	Key switch	



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