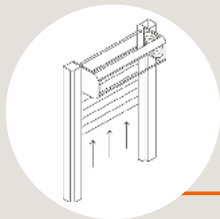
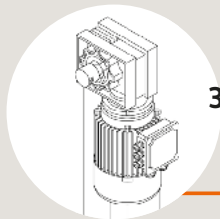


Spiral ISO 80

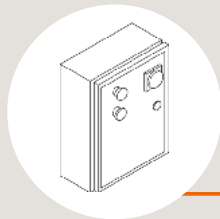
High-speed roll-up door developed with the specific feature of maintaining high insulation. Ensures good sound insulation. Suitable for special applications.



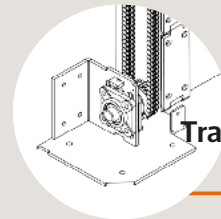
Opening speed up to 1,5 m/s



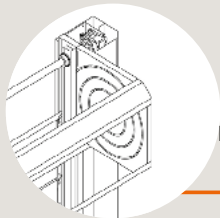
3.000.000 cycles



Inverter Control Panel



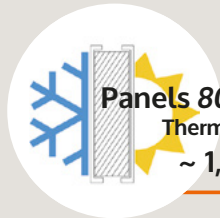
Chain Transmission
Push - Pull



Spiral rolling up system



Frictionless between Panels



Panels 80mm thick
Thermal insulation
 $\sim 1,0 \text{ W/m}^2\text{K}$

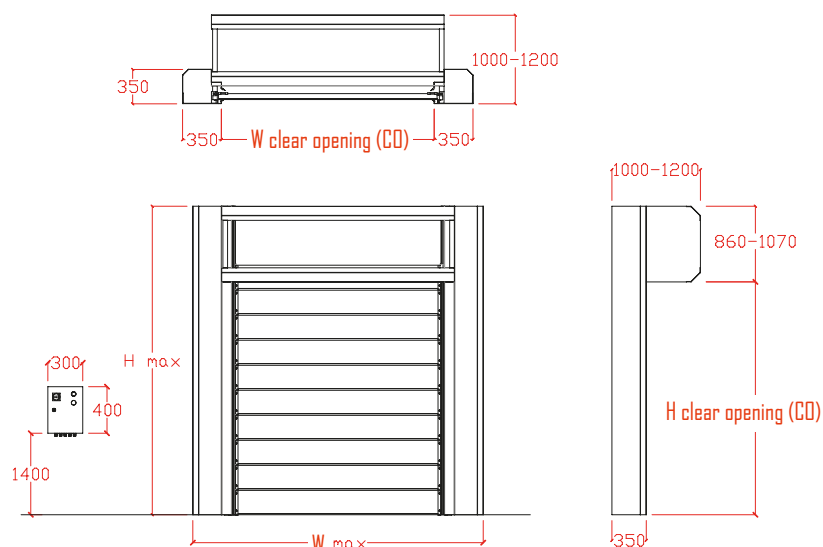


Wind resistance
up to class 3

PARAMETERS	TECHNICAL OPERATIONAL DETAILS	
APPLICATION	Internal/external	
MAX DIMENSION *	W 4500 mm, H 4500 mm (for bigger dimension / special project, please, contact Thermicroll Technical dept.)	
OPENING SPEED *	Up to 1,5 m/s	
CLOSING SPEED *	Up to 0,5 m/s	
THERMAL CONDUCTIVITY *	~ U = 1,0 W/m ² K	
ACOUSTICS *	22 Db	
WIND RESISTANCE *	Class: 2 - 3	
STRUCTURE	Standard: Galvanised steel	Optional: Steel powder-coated in RAL Stainless steel AISI 304
DOOR BLADE 80 MM	Standard: INSULATION: Aluminum OX 15um	Optional: Aluminum powder coated in RAL Powder coated steel in RAL Stainless Steel AISI 304 Stainless Steel AISI 316
SPIRAL - GUIDES	PATENTED, in high density polyethylene PEHD 500000	
OPERATION	Duplex chain Push- Pull	
TOP COVER	Standard: (Mandatory) clear H < 2500 mm	Optional: Clear H ≥ 2500 mm
CONTROL PANEL	Inverter	
POWER SUPPLY	Standard: Thee phase 400 V + N + G (16 A)	Optional: Single phase 230 V (10 A)
FREQUENCY	50/60 Hz	
LIMIT SWITCH	Absolute Encoder	
GEARED MOTOR	Motorised asynchronous with 110 V electric brake for intensive high-frequency use	
MANUAL OPERATION IN CASE OF POWER FAILURE *	Standard: Single chain winch	Optional: Single crank on motor (at height)
SAFETY DEVICES	Light curtain barrier	
DURABILITY	3,000,000 cycles with periodic maintenance	

* on the door blade, installed accessories and door dimensions.

Dimensions *



Coating finishes range

ALUMINUM OX 15um

INOX

PAINT RAL

Thermicroll Srl reserves the right to make any changes it deems appropriate without notice. This data sheet does not constitute a contractual obligation.