



RAPID DOOR

VertiGO **DOUBLE**

Rapid fold-up door with double PVC curtain



What is it?

Rapid fold-up door with double PVC curtain, ideal for medium/large compartments where high wind resistance is required.

Speed › Opening and closing 0.3 m/sec
Wind resistance › Class 3 / 4

Overview ↗



Main features

A movable "wall"

Thanks to its particular structure, formed by two sheets of polyvinyl chloride and horizontal beams in aluminum, it guarantees both good thermal resistance, both acoustic and great lift.

Structure with guided pylons

The structure of the PVC covering is formed by horizontal pylons that are guided by the sliding rails installed on the vertical pillars of the door, in order to ensure the least oscillating moment possible during its operation.

High firmness for great structural immovability.

The structure of the PVC covering is formed by horizontal flat trusses connected to the sliding rails by means of steel bearings. This system constrains its deformation even under the effect of a high wind pressure. The only movement allowed is the vertical one for opening and closing the door.



Features

Great structural stability
Trellis-worked structure
Modular curtain
Thermal resistance
Protection against fumes
Sound insulation

Used mainly to

Composting
Biocell
Chemical industry
Transformation

Recommended for

Piccoli hangar
Garage navali
Garage industriali

[Discover other fields ↗](#)



So, who's it meant for?

The Double fold-up doors are mainly used in the composting and biocell sector, where the use of double-tarpaulin quick doors proves to be the winning choice to stop the leakage of bad odours and/or fumes harmful to health. Therefore, to protect the surrounding environment and its personnel from miasmas and the exhalation of harmful particles, it is necessary to install flexible locking systems with a specific design of locking air chamber.

Per proteggere dunque l'ambiente circostante e il proprio personale dai miasmi e dall'esalazione di particelle nocive si rivela dunque necessario l'installazione di sistemi di chiusura flessibili con un progetto specifico di camera d'aria bloccante.

+Balanced

The PVC covering, being formed by 2 sheets combined by means of a metal structure, is raised vertically in a uniform way by means of a system with double synchronous motor that guarantees a smooth and smooth handling.



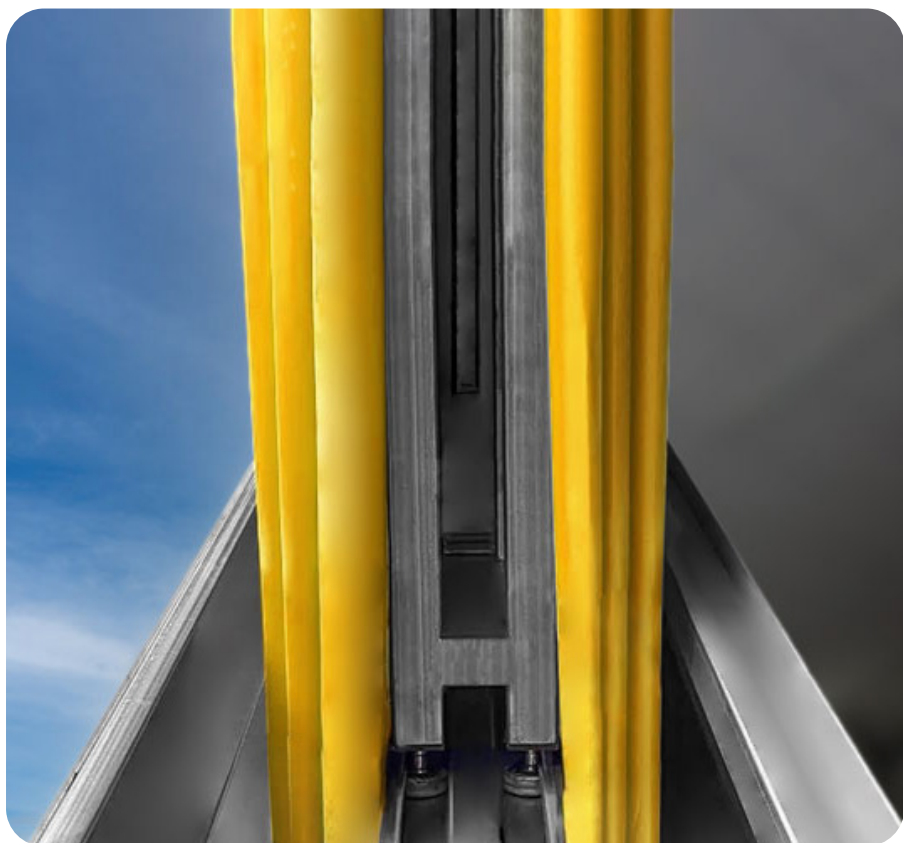
+Durevole

Although the application of more motors is more expensive, we wanted to design a structure that would avoid as much as possible the twists on the length of the moving shaft, that is, a structure really able to look to the future.

+Safety

Thanks to the internal positioning of the structure, the lifting belts remain protected from damage caused by external agents. In addition, 2 safety belts up to 1.5t are additionally positioned inside the enclosure.

What a
smell! Lucky
there is
DOUBLE



$12\text{m}^3/(\text{m}^2\text{h})$

Protection from miasmas

This double fold-up door is able to act as a blocking structure between different environments at different pressure, by means of the air chamber formed inside the 2 surface sheets of the mantle. The air permeability of this door is classified in Class 3 of the EN 12426 standard test.

Trellis-worked structure

The Vertigo Double fold-up doors are developed with a particular design of stacked* sliding trusses and hinged to the uprights by means of ball bearings and sliding guides.

* the multiple application of the flat pylons, by means of the lifting ropes inside the mantle, allow the operation of the door in an overlapping way.



0,03782 W·m⁻¹·k⁻¹

Thermal conductivity cloth

Under normal operating conditions, that is -10 system C + 70 system C, the double fold-up door stackable is able to significantly reduce both the partial pressure and the saturation of steam.



Fino a -18dbA

Sound insulation

Mainly, thanks to the air chamber, it is possible to reduce both the frequency and the acoustic reverberation.



STRUCTURE

Beam and uprights	Trellis, not self-supporting
Depth	300 – 400 mm
Motor cover	Absent, motor positioned inside the structure

COVERING

2x double-sided PVC ripstop fabric	Standard Constant height sectors with colours of your choice and a weight of 950 gr/m ² On request Translucent sectors 35/40%
Windows	Standard Porthole in crystal 1200×300 mm On request Translucent sector 35/40%
Lifting ropes	High Tenacity Polyester Fiber Internal Lifting Belts at Constant Pitch, 2x Safety Belts with 1.5t Strength

SPEED

Opening › up to 0,3 m/s	Closing › Up to 0,3 m/s
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MECHANICAL AND ELECTRONIC

Control panel	Standard IP54 painted steel frame (300 x 500 x 150 mm) On request Stainless steel, PVC frame (300 x 400 x 150mm)
Components and features	Motor and switchgear protection category IP54 Modular thermal protection Power transmitters Start/ Stop button Emergency stop button
Main supply	2x Power supply 3 HP, three-phase 400V

TEST

Standard UNI EN 13241/CE		
Wind pressure	Ref EN 12424	Up to Class 4
Soundproofing	ISO 717	15 dB Rw
Water resistance	EN12426	0.11 kPa closed door – Class 3
Air permeability	EN 12426	12m ³ /(m ² h) – Class 3

Operating temperature › – 10 C°+ 70°C






Wind speed during operation › 20 m/s – up to 72 km/h [...]

[...] SAFETY

Components	Standard
	Pair of Costa resistive safety sensors IP65
	On request
	Multi-beam barrier H 2500 IP67

Emergency opening	Standard
	Crank release
	On request
	Counterweight system, chain release

Types and colors structure (RAL)









Steel

Stainless

RAL 5010

RAL 6005

RAL 9010




RAL 3000

RAL 7037

RAL 2004




RAL 9006

RAL 9005

Ask 

Other colors


Colors PVC fabric (RAL)



RAL 5010

RAL 1003

RAL 7035

Other colors 

On request



Clear opening

Chain opening

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