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RAPID DOOR  
**VertiGO**

**Fold-up door**

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# What is it?

A rapid fold-up door with high wind resistance. It can handle closures up to 22m\* wide.

Max dimensioning std > B 15m x H 15m  
Wind resistance > Class 3 / 4

Overview ↗



# Main features.

## Robust and reliable

Self-supporting metal structure in galvanized steel with rectangular section that acts as a frame and then as a guide to the sturdy PVC mantle that is packed inside. Integrated 400V three-phase single-speed motor with programmable logic.

## Resistant to wind storms

The door has been tested in the laboratory with winds up to 120 km/h and is guaranteed up to class 4, thanks to a structure with a PVC mantle reinforced with horizontal bars. In addition, with the special conical upright you can ensure even higher wind resistance.

# Protection against fumes and dust

By means of a special seal, applied on the pillars, this door is able to preserve in an optimal form the massive entry of the atmospheric agents inside the shed.

This rapid fold-up door is the ideal solution for all those indoor and outdoor environments where fast and frequent transits through a large compartment are required.



Features

**Structural robustness**  
**Reliable motorisation**  
**Windproof**  
**Protection against fumes and dust**  
**To close large compartments**

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Used mainly to

**Generic industry**  
**Composting**  
**Agribusiness**

Recommended for

**Heavy industry**  
**Chemistry ATEX**  
**Airports**  
**Ports and shipyards**

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# So, who's it for?

The range of the Vertigo fold-up door adapts to multiple product sectors, dividing also into versions for the resolution of more specific problems.

Each version is designed for heavy-duty uses that present particular resolution requests, such as: compartments to be closed up to 15m, special shapes for closing rooms with crane, electronic programming of automated lines or special fabrics for ambient lighting or ventilation.

## Powerful

The Vertigo has a standard equipment complete with a powerful three-phase 400V motor for lifting the wrapping surface.



The powerful engine is installed in both single front and side mode, from 1KW to 2.2KW.

## From inside

Thanks to its lift this product is characterized by its extreme strength when the door is closed, almost like a real wall.

From the opposite side, inside, the mantle is connected to the straps by means of specific straps that support it during the opening and closing phase.

## From outside

Normally with a closed mantle, for aesthetic character, the external facade is smooth and in steps interrupted by the reinforcing bars of its skeleton.

# **Headboard with winds up to 120km/h**

**The standard Vertigo  
rapid door is guaranteed  
up to Class 4, having  
been tested in critical  
conditions with strong  
wind gusts of 120km/h.**



# Protect against dust\*

Basic, it has a structure in galvanized steel with a closing sheet in tear-resistant double-sided PVC fabric weighing 950gr/m<sup>2</sup> to ensure maximum tension by gravity.

\* for a door always clean, it is possible to require the antistatic sheet in order to prevent the accumulation of static electricity and then the mass dusting of the same.

## Up to 22 meters\* wide.

\* in oversized version

## STRUCTURE

Beam and uprights	Self-supporting
Motor cover	Standard Galvanized steel On request Powder coated steel, Stainless steel 441/304/316

## COVERING

Double-sided PVC ripstop fabric	Standard Choice of colours weighing 950 gr/m <sup>2</sup> On request Insulated 3 mm, insulated 7 mm (3.3 W/m <sup>2</sup> k), translucent 35/40%, FDA white, antistatic
Lifting ropes	High Tenacity Polyester Fiber External Lifting Belts at Constant Pitch
Windowy	Porthole
Type of window	Transparent crystal
Window colour	Transparent

## SPEED

Opening > up to 0,8 m/s	Closing > up to 0,5 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	Standard Power supply 3 HP, three-phase 400V On request Power supply 3 HP, three-phase 230V

## TEST

Standard UNI EN 13241/CE

Watertight	Ref. s EN 12425, EN 12489	Class 1
Pressione del vento	Ref. s EN 12424, EN 12444	Class 3/4
Permeabilità dell'aria	Ref. s EN 12426, EN 12427	Class 0
Trasmittanza	Ref. s EN 12428, EN 12428	6,02 W/m <sup>2</sup> K
Performance	Ref. s EN 12604, EN 12605	1.000.000 of cycles

Operating temperature > -30 C°+70°C. Door not recommended where there are large temperature differences between the two environments. [...]





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