



RAPID DOOR **VertiGO**

Fold-up door



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 > **STD** Class 2

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**

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 22m, 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/m² 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 ² On request Insulated 3 mm, insulated 7 mm (3.3 W/m ² 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
Wind pressure	Ref.s EN 12424, EN 12444	STD Class 2
Air permeability	Ref.s EN 12426, EN 12427	Class 0
Transmittance	Ref.s EN 12428, EN 12428	6,02 W/m ² 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. [...]		

[...] SAFETY

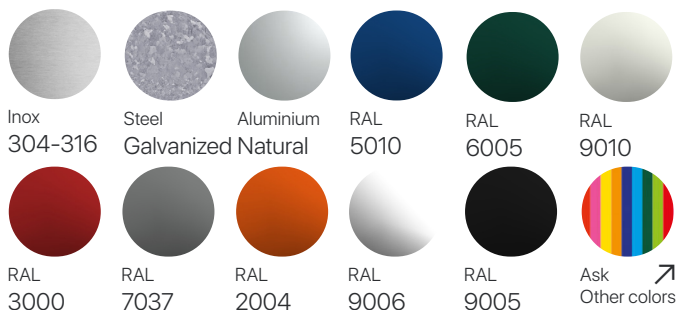
Components

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

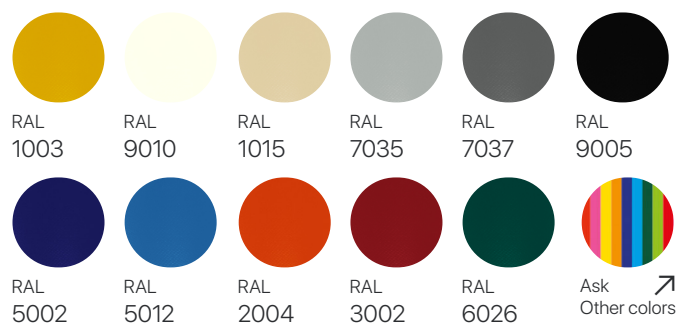
Emergency opening

Standard
Crank release
On request
Counterweight system, chain release

Types and colors structure (RAL)



Colors PVC fabric (RAL)



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