

technical and commercial
dossier

Brisa Series

vertical **sliding wall/panoramic**
guillotine system

acristalia





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Discover our the Brisa series

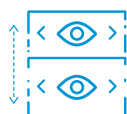
Introduction to the basics

Throughout these years, Acristalia has been distinguished for constantly improving the range and variety of glass enclosures on the market, providing the best service for all its products.

The Brisa Series vertical sliding wall is a multifunctional panoramic system that amplifies the advantages of both windows and walk-through areas, **as it combines these two concepts in a single exceptional product.**

Glass for large openings, with “guillotine” type vertical sliding movement, with both top and bottom storage, providing unlimited views for the consumer. And maximising the use of openings in buildings for architecture and decoration professionals.

And all without requiring any additional space and with a number of extras that increase the possibilities of its use.



Vertical sliding glass panels, provide continuous and transparent transparent surfaces for an unparalleled panoramic view.



Time saving and implementation increased, thanks to our vitrified digital printing, with the facility to receive pre-printed glass sheets directly from the factory.



The system has a wide variety of possibilities in terms of finishes colour combinations of the profiles, adapting to any preference or corporate image.



Perfect solution for integration into exterior façades, being suitable for for hospitality projects that require refurbishment or new construction.

How the vertical sliding wall works

As we have already mentioned, the operation of the of the Brisa Series is quite simple: upper or lower storage, depending on the use you want to make of it. From the imagination to the practical idea of your façade design by simply combining the two storage solutions, achieving, in a surprising way and with only one system, different passageways but visually coherent.

a) Upper storage

This concept, that could be referred to as a “door” type system, facilitates the passage in divided spaces still in need of connection.

- Operation from the bottom to the top
- Creation of doors or access points
- Use of 2 or 3 panels
- Up to 12'25 m²
- When fully open, the panels are fitted behind the top fixed panel.

b) Lower storage

This option could be referred to as a “window” type, although it is also integrated as a glass wall because of the final result of the panels storage.

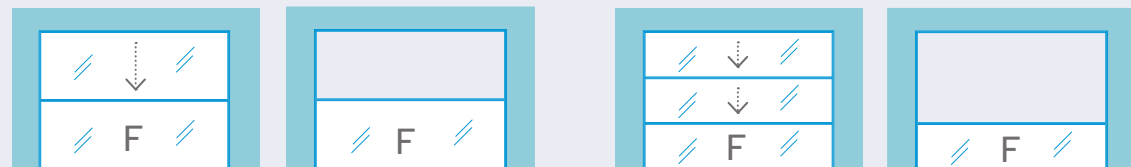
- Operation from top to bottom
- Balustrade option
- Use of 2 or 3 panels
- Up to 12'25 m²
- When fully open, the panels are fitted behind the bottom fixed panel.

* For larger sizes, contact us.

a Two or three-panel upper storage



b Two- or three-panel lower storage



Following the rules

Quality specifications

This section contains a reference to the quality certificates that Acristalia's Brisa series has been granted, as well as the results of the trials and tests carried out on this product.

On the one hand, we have compiled the different quality controls of the materials used to manufacture this enclosure system. On the other hand, we mention the classification of our product and the standards complied by Acristalia.

Acristalia, a quality brand.

Acristalia manufactures all its products under regularised strict quality controls and specified in the quality management system in accordance with the UNE-EN ISO 9001:2015 and guarantees that all the materials used in the manufacture of its products are of the highest quality and comply with the following regulations: Aluminium marked according to the new European Construction Products rules (EU) 305/2011 and the harmonised standard UNE-EN-15088:2006: aluminium and aluminium alloy products for structural applications.

Standards applied.

Marked under the windows and doors standard UNEEN 14351.

Complies with the handrail requirements reflected in the Technical Building Code, and the French and Spanish handrail standards UNE-EN 85238 and NF P 01-013.

where you want to be

Test conclusions.

Test conclusions.

UNE-EN 12207 - Air permeability; Class 3.

UNE-EN 12208 - Water tightness; Class 5A.

UNE-EN 12210 - Wind resistance; Class C3 of the criteria L/300.

UNE-EN 12210 - Resistance to safety load; 1800 Pa (190 km/h).

NF P 01-013 - Horizontal static load - safety load of 441 kg applied at 1200 mm above ground level.

NF P 01-013 - Impact resistance of 600 J.

UNE 85-238:1991 "Railings: Test methods" CTE (Actions on handrails and dividing elements). Section 3.2 - Structural safety. Actions in the Building (Technical Building Code).

Result: APPROVED Guillotine with 5T/10/5T glass.

For horizontal loads of 0.8, 1.6 and 3.0 kN/m.

In addition, it complies with quality standards for surface treatment of profiles (Qualicoat, Qualanod, Qualideco): Guaranteed finishes, lacquering and anodising as established by the European quality mark Qualicoat, Qualanod, Qualideco, approved by the by the Ministry of Public Works for surface powder treatments. These treatments guarantee uniform ageing of the colours with the absence of patches and occasional discolouration.





Digital vitrified printing takes personalisation options to new levels. Virtually an infinite range of possibilities that only find limits of the imagination, from acid-effect logos to colour images.

vertical sliding wall • brisa series



Certificates

Our products are under strict controls, tests, and trials. We work to ensure that Acristalia's products are synonymous with safety and reliability.

You can find the documentation you need at www.acristalia.com

We do tell you, knowing is winning!



Configuration options

Maximum sizes and possible configurations

Under this heading we describe the wide and flexible range of possibilities to adapt our Brisa Series vertical wall system.



Sizes: up to 3.5 m in width x 3.5 m (total) in height.

Minimum width: 1.2 m.

Maximum width in stock: 3.5 m.

For maximum widths up to 6 m, please check with us.

Minimum width: 1.5 m.

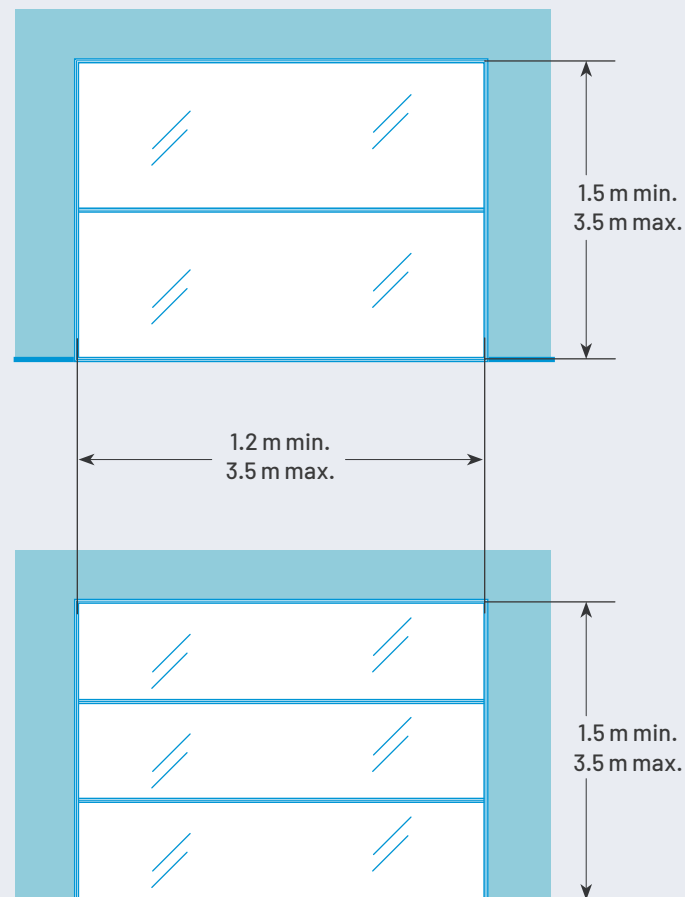
Maximum height in stock: 3.5 m.

For maximum height up to 5 m, please check with us.

where you want to be

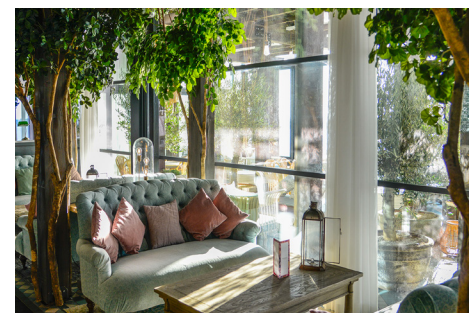


Details of measurements





Panels with top storage, make the glazed enclosure versatile as a door, but with the advantage of not taking away any space for this function.



Brisa Series

Opening mode

Due to its opening type, the system provides more usable space, making it the perfect ally to make the most of the square metres available in your commercial premises.

Panels with bottom storage allow the glazed enclosure to serve as a room divider and improve ventilation, but with the advantage of not taking away useful and occupiable space to fulfill these functions.

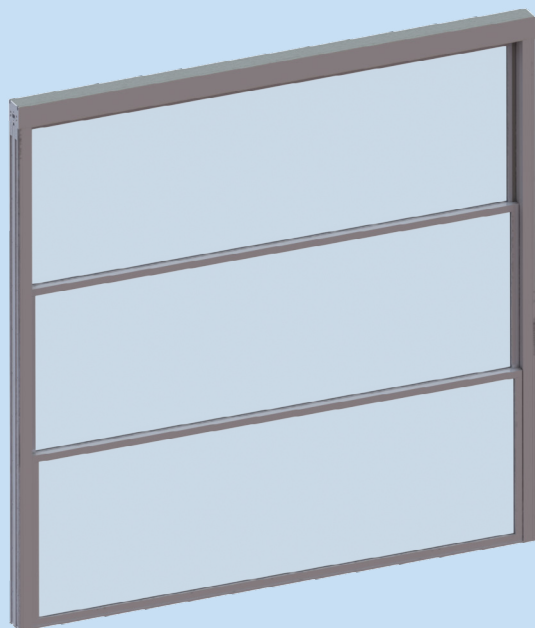


The panels can either run their full complete course or can stop at any point stop at any point with the remote control.

Technical features

Integrated solutions

Below, we highlight the technical features that make the functionality and aesthetics of this system adapted perfectly to the needs of its final user's needs.



where you want to be

Technical Specifications

Glass

The recommended glass is double glazing 5T/10/5T and 8 mm tempered glass, but thicknesses of 4, 6, 8, 10, 16, 18, 20 and 22 mm are possible.

It is also possible to adapt to the needs of the other configurations, as long as our technical department assesses them as safe and technically feasible for optimal use without problems.

Profiles

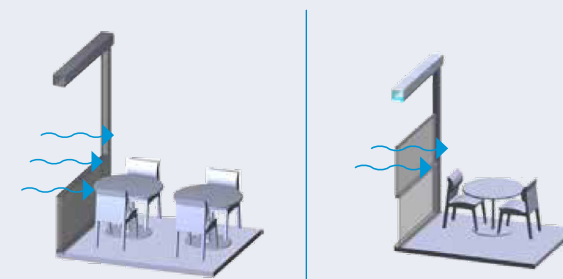
- 6063-T6 aluminum alloy profiles.

Finishes:

- Acristalia white (equivalent to RAL 9016)
- RAL
- Wood imitation
- Anodized
- Others (consult)

IMPORTANT FEATURES:

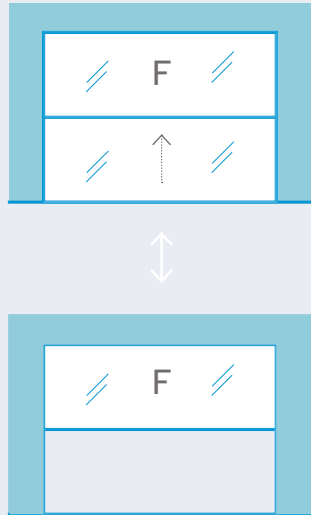
- The invisible transmission system, as well as the motorization.
- Direct drive tubular motor.
- Maximum weight of the retractable part: 190 Kg.
- Very neat aesthetic appearance thanks to its minimalist frames and profiles.
- The guides and rails are hidden thanks to their specific trims.
- Installation and handling are simple, an advantage for both the professional installer and the end user.
- The operation of the system itself, we achieve that no extra or special maintenance is required.
- Control over air circulation is quite distinctive and advantageous.



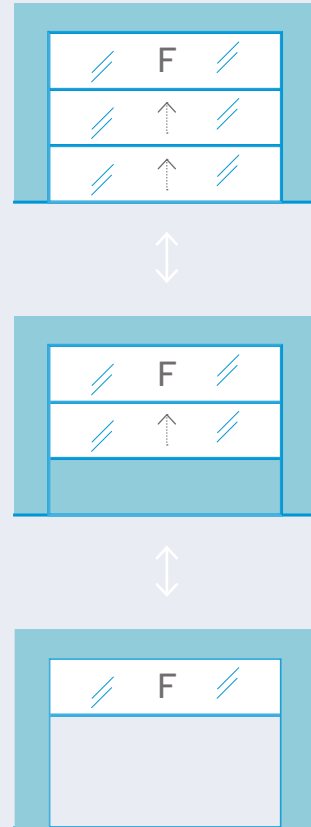
- Operation by remote control or push button.
- Extras such as wind reinforcement, smartphone control, locking bolt (for top storage) or photocell security (for top storage) available if required.

4 configurations, 2 or 3 panels, top or bottom storage.

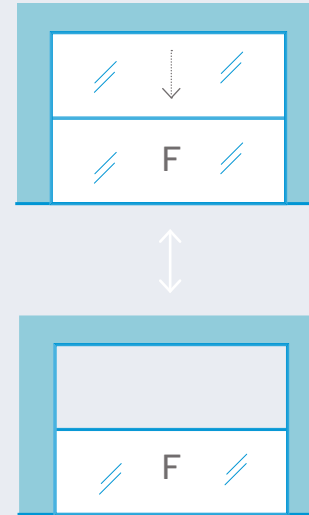
1. Top storage with two panels



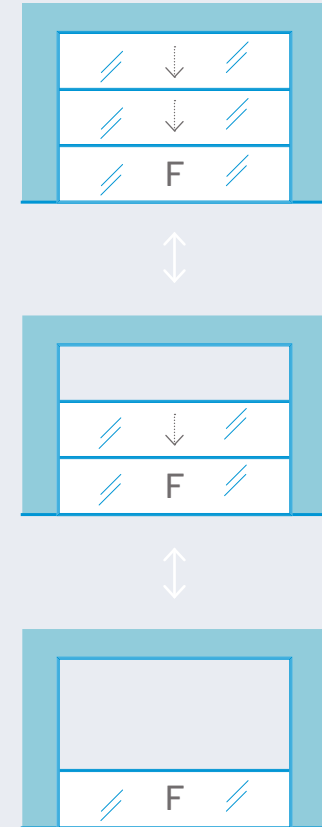
2. Top storage with three panels



3. Bottom storage with two panels



4. Bottom storage with three panels



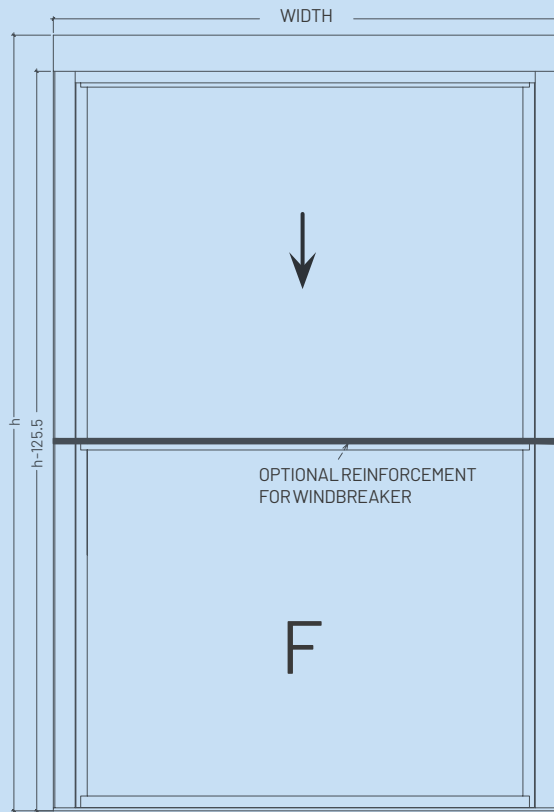
This configuration is ideal to be applied in smaller sizes, creating a huge range of possibilities. For instance, consider the improvement of the properties of windows and office partitions, of the customer services offices or catering sector facilities.

Dimensioned profiles

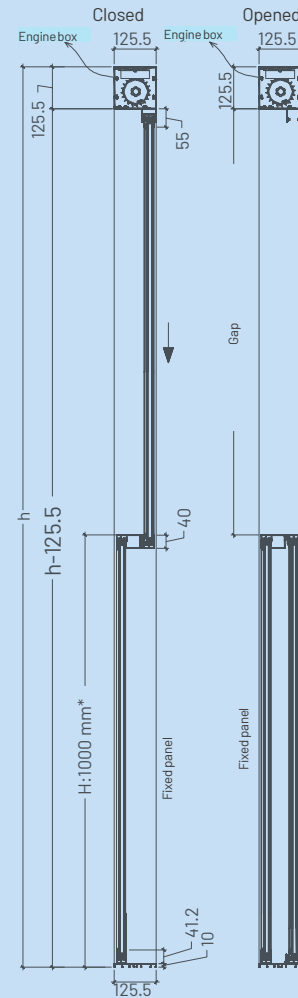
General measures of the system

Lower storage 2 panels

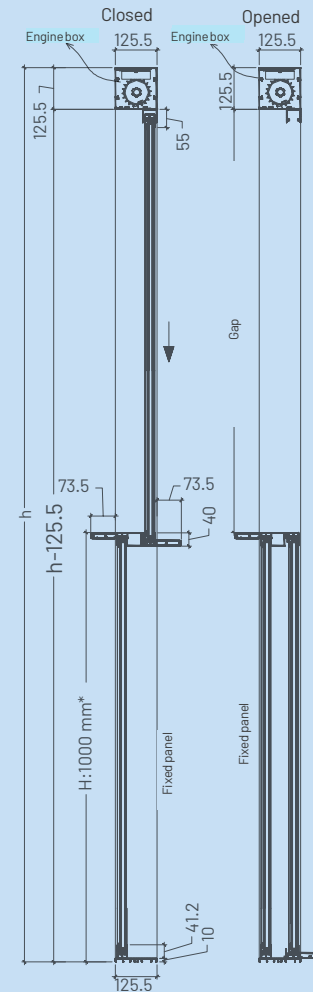
Front view and measurement
calculation of the engine box



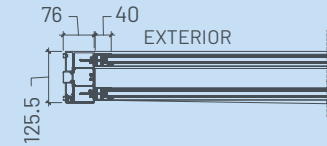
Side view
without wind reinforcement



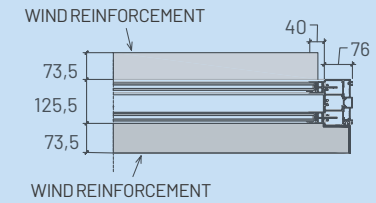
Side view
with wind reinforcement



Top view
without wind reinforcement

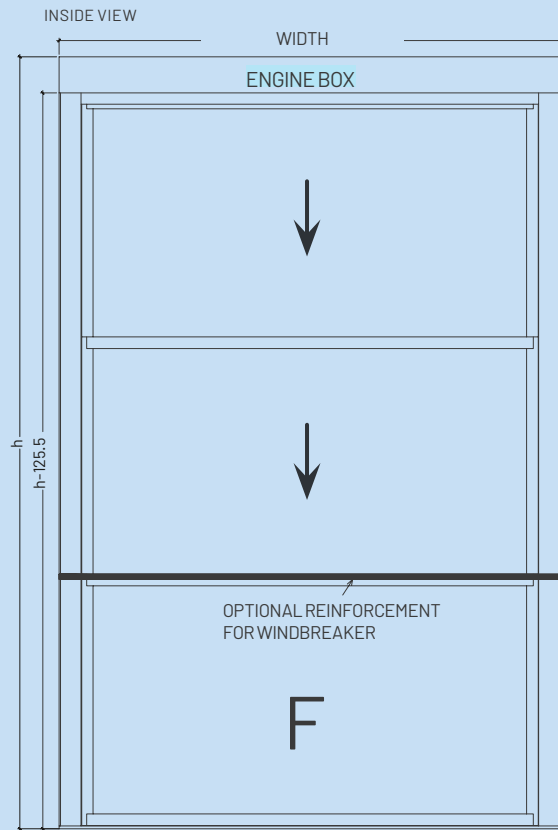


Top view
with wind reinforcement

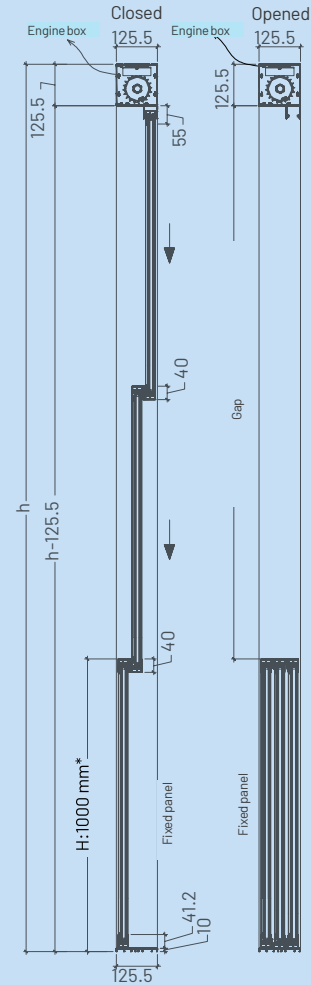


Lower storage 3 panels

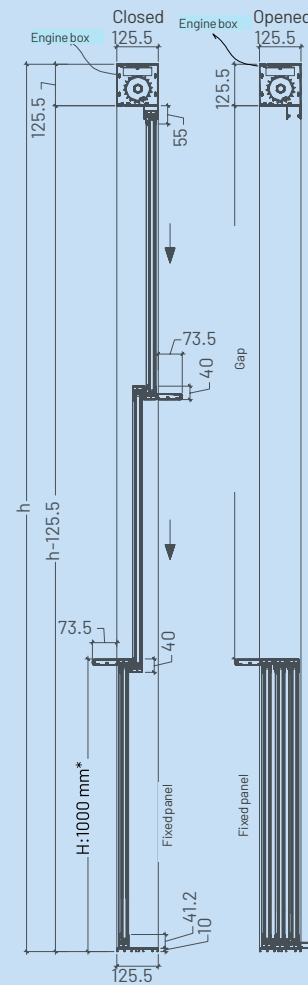
Front view and measurement calculation of the engine box



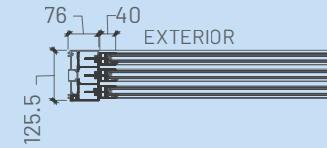
Side view without wind reinforcement



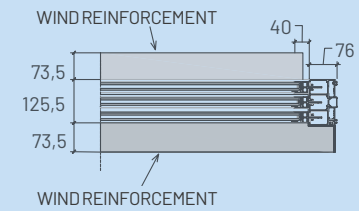
Side view with wind reinforcement



Top view without wind reinforcement

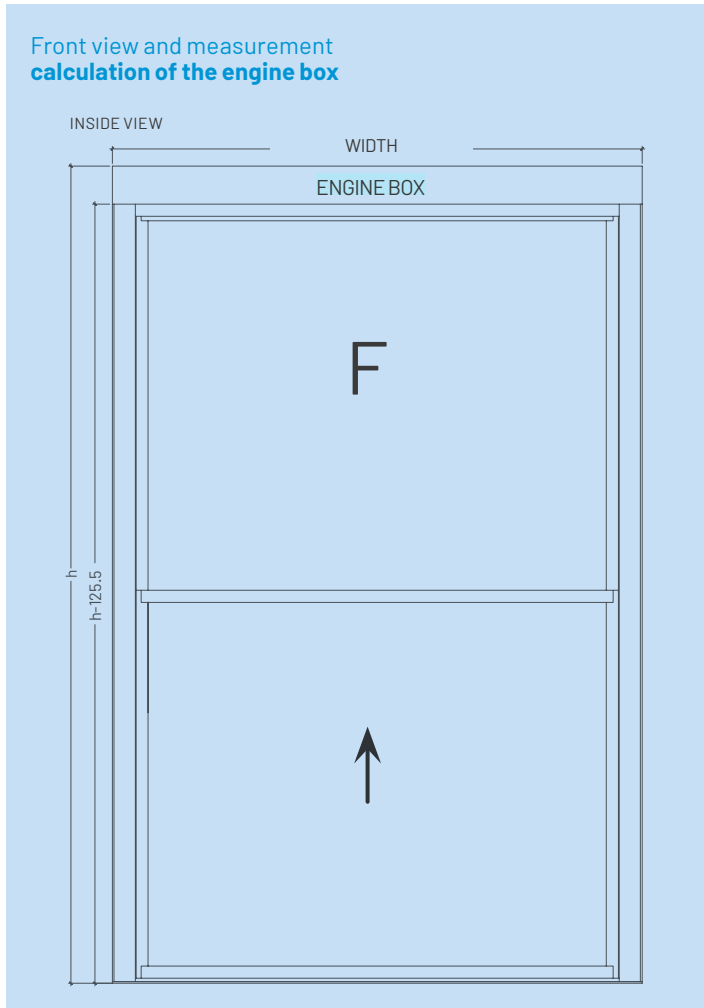


Top view with wind reinforcement

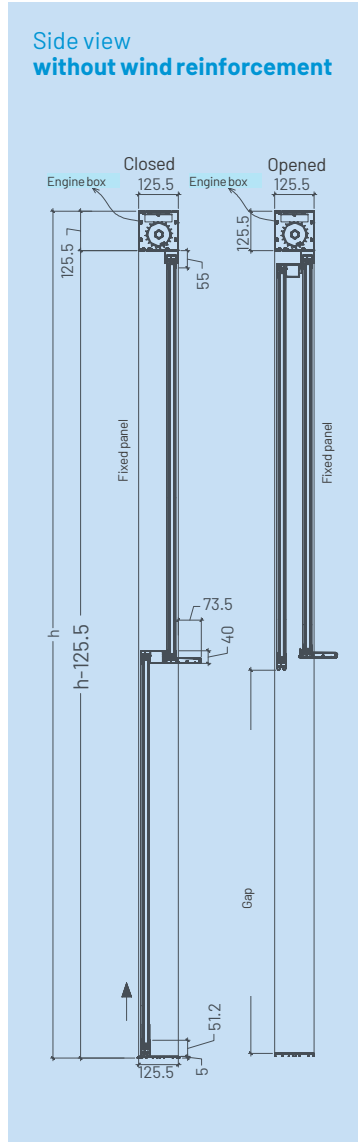


Upper storage 2 panels

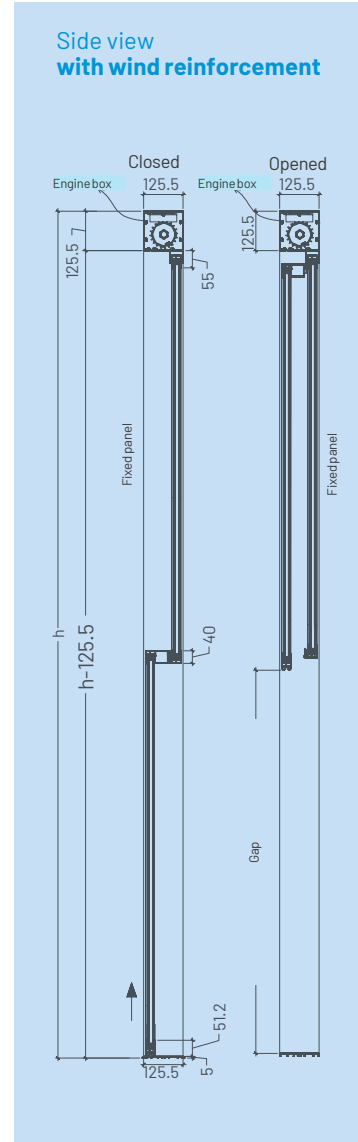
Front view and measurement
calculation of the engine box



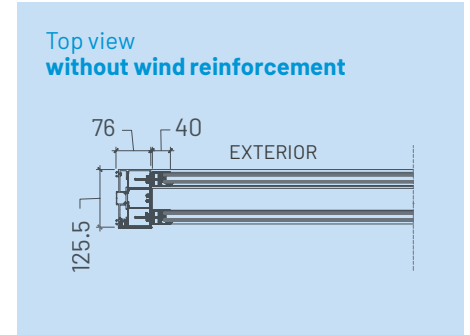
Side view
without wind reinforcement



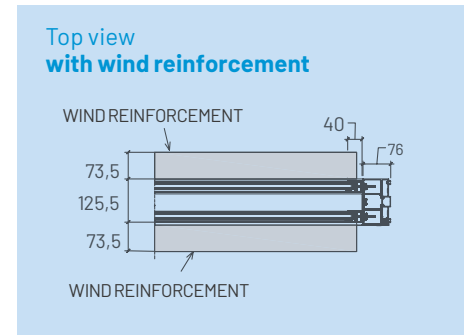
Side view
with wind reinforcement



Top view
without wind reinforcement

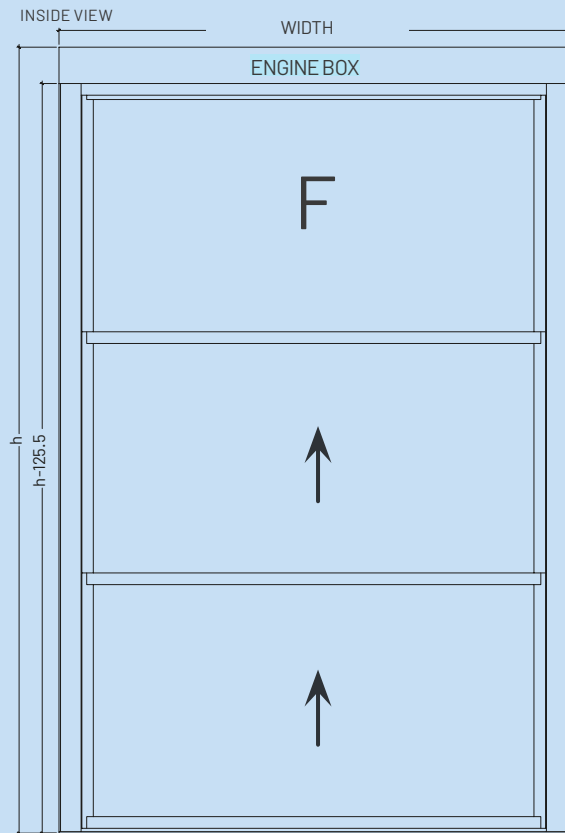


Top view
with wind reinforcement

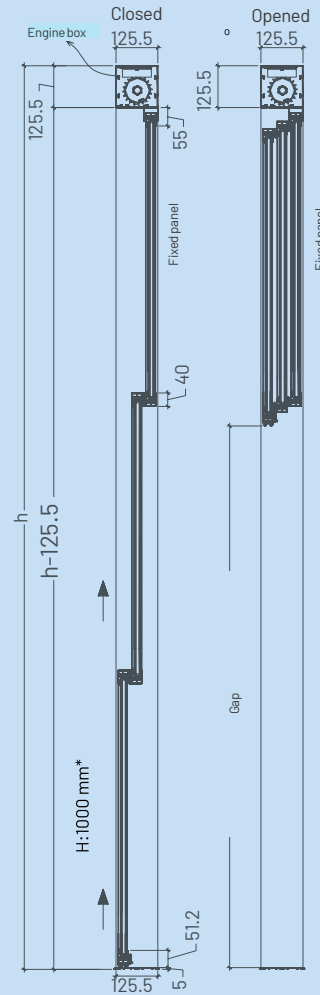


Upper storage 3 panels

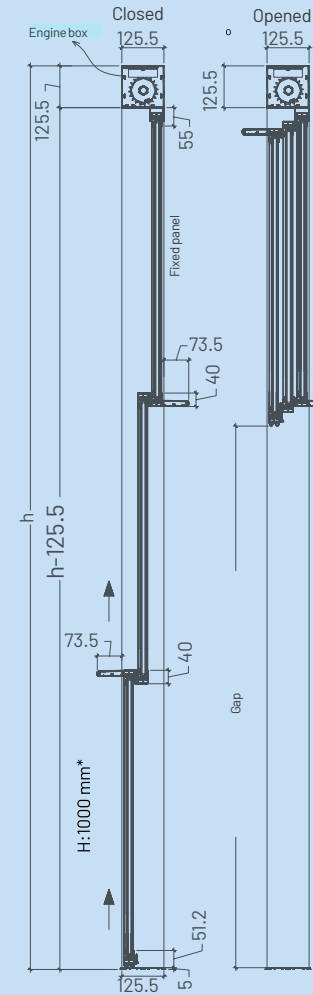
Front view and measurement calculation of the engine box



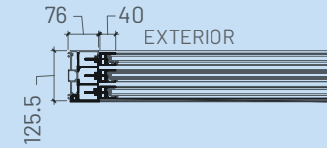
Side view without wind reinforcement



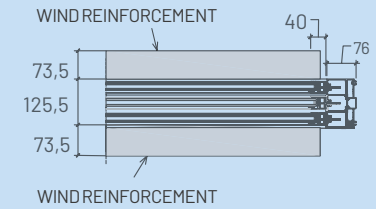
Side view with wind reinforcement



Top view without wind reinforcement



Top view with wind reinforcement



Extras and accessories

Customisable options
to the required needs.

The Brisa series vertical sliding panels system, in addition to being an easy to install and quick to assemble structure, adds some extras that make it unbeatable in its class, making it even more attractive to be chosen among your glazed enclosure options.

Photocell safety

For upper storage. Thanks to its technology, it allows the door to stop when lowered if it detects a person, animal or object passing at that moment.



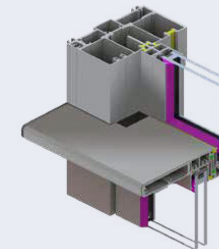
Concealed guides with anti-particles brush

If there is one thing that characterizes this system and sets it apart from the rest is its aesthetics. The guides are hidden and protected due to the geometry of the profile. In addition, the rails of the movable panels are fitted with brushes to prevent the entry of dust and other particles, protecting the system and giving it a longer lifetime, as well as reducing its maintenance.



Wind reinforcement / balustrade

Possibility to choose the option with reinforcement for areas with strong winds.



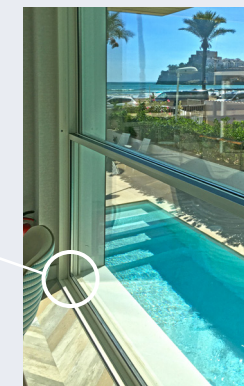
Smartphone control

Easy and simple. You can control the opening or closing of the system with just one click.



Locking latch

For upper storage. This system allows to fix the movable panel to the side frame to prevent the sash from opening from below.







Now
it's
your turn...

Share your
**project
with us!**

acristalia.com
t. 00 34 952 198 752

