

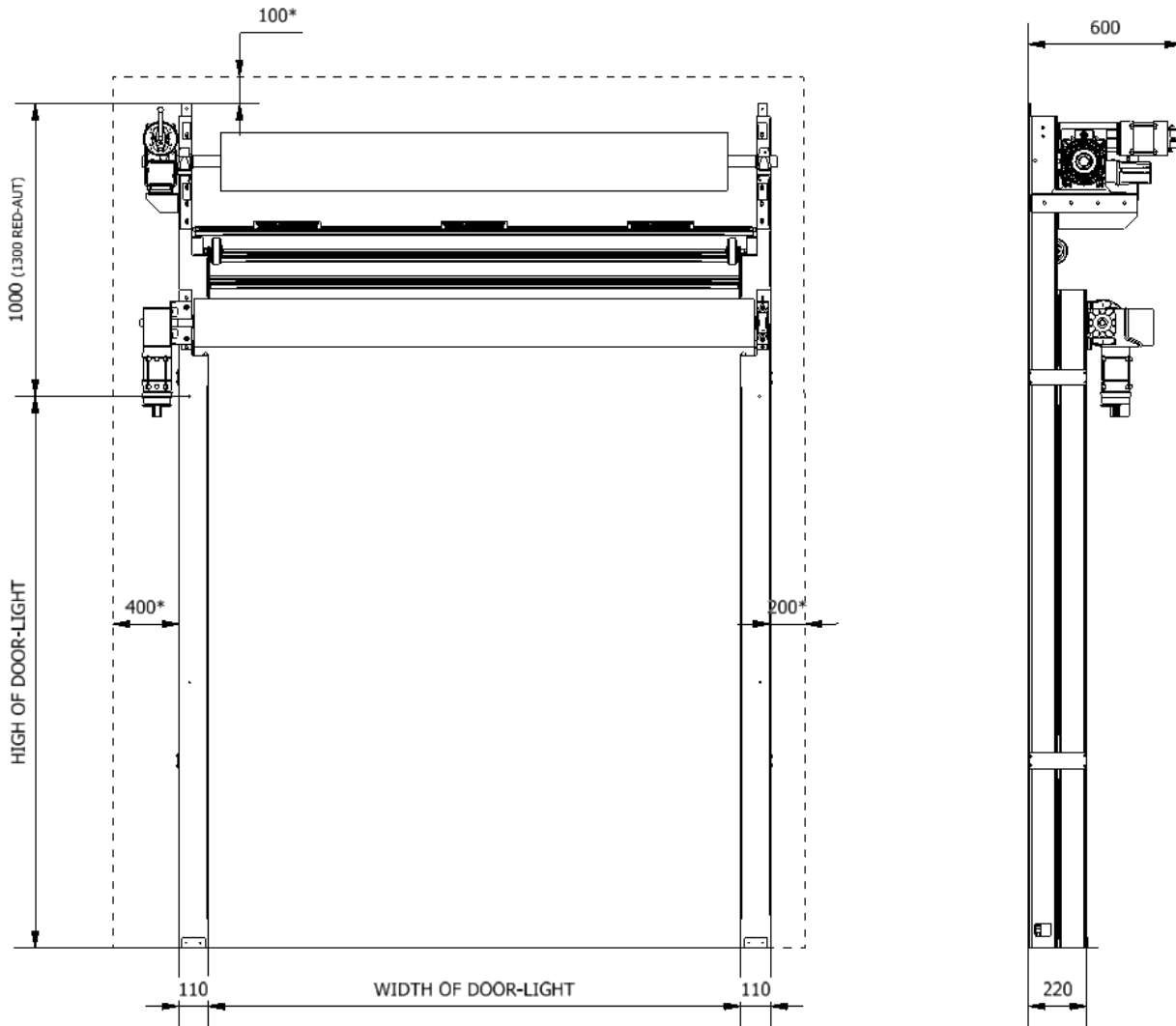


Biport[®] Exterior

In 2006 CONTROLSA S.A. bet again by integrating products into one, expanding Biport[®] family with the addition of a new solution for exterior doors: the **Biport[®] Exterior**. This new product CONTROLSA combines in one product quickly and safely, while back is reduced and maintenance costs.

The closing consists of a metal roller door (to close the ship while not working) and a high door that can be Self-repairing[®], Ref. Interior, Ref. Exterior or RED AUT.

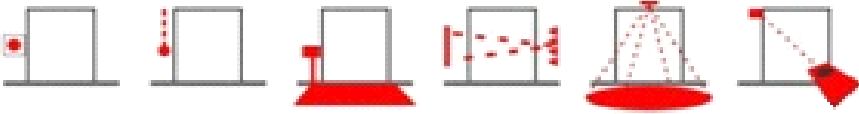
Its point strong lies in the guiding of high speed door, which is performed by the same frame of shutter door. This allows all of the high speed door components can be placed faster on the same spot, one below the other, so that the same company supplies both products in a single movement with a greater saving of space and a less loss of temperature and as a major cost saving in assembly and maintenance tasks.



* Measures required for installation and maintenance operations.
Consult particular measures

Product rule: EN 13241-1			
Section of this rule	Essential characteristics	Units	Value
4.2.8	Safe opening	-	AGREE
4.2.5	Glass components	-	DO NOT APPLY
4.2.3	Mechanical resistance and stability	-	AGREE
4.3.3	Manual strength	-	AGREE
4.4.1	Water permeability	-	DO NOT APPLY
4.2.9	Danger substance emission	-	AGREE
4.4.3	Resistance to the wind load	Pa	450 Pa (≤ 98 km/h) (Class 2)
4.4.4	Direct noise reduction	dB(A)	DO NOT APPLY
4.4.5	Thermal resistance	W/(m ² ·K)	DO NOT APPLY
4.4.6	Air permeability	m ³ /(m ² ·h)	DO NOT APPLY
4.2.4 y 4.4.7	Durability	-	Cycles: High door: 250.000 Shutters door: 150.000

Biport® Exterior 210 BE

TECHNICAL DATA																																
MAXIMUM MEASUREMENTS (mm)	W=5000 x H=5000																															
APPLICATIONS AREA	OUTSIDE																															
OPENING SPEED	HIGH DOOR UP TO 1,2 m/s	SHUTTERS DOOR UP TO 0,2 m/s																														
CLOSING SPEED	HIGH DOOR DOWN TO 0,6 m/s	SHUTTERS DOOR DOWN TO 0,1 m/s																														
STRUCTURE MATERIALS	ALUMINIUM																															
ROLLED DRUM	HIGH DOOR: ALUMINIUM	SHUTTERS DOORS: ALUMINIUM AND STEEL (BIG MEASURES)																														
CANVAS	FLAMEPROOF TYPE M2, THICKNESSES 0,8 mm (950gr/m2)																															
GEARED MOTOR	DIRECT AXIS																															
SAFETY SYSTEM	HIGH DOOR: ANTI-DROP SYSTEM	SHUTTERS DOOR: THIS PERSON																														
SENSITIVE SAFETY SYSTEM	HIGH DOOR: PHOTOCELL	SHUTTERS DOOR: THIS PERSON																														
CONTROL PANEL WITH CONVERTER AND AUTOMATON	HIGH DOOR: MEASURES 300x400x200 PROTECTION IP54-IP65	SHUTTERS DOOR: MEASURES 300x190x200 PROTECTION IP65																														
ELECTRIC SUPPLY	HIGH DOOR: 220-240 V a.c. (F+N+PE) 50-60 Hz 0,55-0,75 kW	SHUTTERS DOOR: 380 V a.c. (R+S+T+N+G) 50-60 Hz 0,75kW																														
ACTIVATION SYSTEMS	 Button Chain Magnetic Photocell Radar Remote																															
STRUCTURE COLOURS	<table border="1"> <tr> <td rowspan="2">LACQUERED</td> <td></td> </tr> <tr> <td>9010</td> </tr> <tr> <td rowspan="2">ANODIZED</td> <td></td> </tr> <tr> <td>STAINLESS</td> </tr> </table>		LACQUERED		9010	ANODIZED		STAINLESS																								
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WINDOWS CANVAS	1 STANDARD ROW (1 WINDOWS x METER) WINDOWS MEASURES (700w x 400h)																															

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