



ALAPONT
GLOBAL

Dock shelters

INFLATABLE SHELTER PLUS

The Inflatable Shelter Plus is the inflatable shelter with bellows and guidance from Alapont Global.

It is especially recommended for logistics centers with high traffic of loading and unloading, **as it has a faster retraction speed of the inflatable cushion than the standard inflatable shelter.**

Furthermore, it is able to adapt to the size of vehicles from 3,500 kg, making this model suitable for most transport vehicles.

It is the ideal solution for warehouses requiring greater airtightness, thanks to its accordion-style construction, allowing for good adaptation.

WIND RESISTANCE

55 km/h



COMPONENTS

1. FRONT AND SIDE CANVASES

The canvases are made of polyester fiber with a top layer of PVC. The special fabric of the sides makes them more flexible in the longitudinal direction, while maintaining rigidity in width.

2. PERIMETER CANVAS

3. INNER CANVAS (AIRBAG/BELLOWS)

Canvases made of PVC

4. FRONTAL STRUCTURE

40mm x 40mm galvanized tube
Silver Grey color

5. REAR STRUCTURE

6. REFLECTIVE BANDS

The side tarpaulins are equipped with reflective strips that serve as a guide for the driver when approaching the truck.

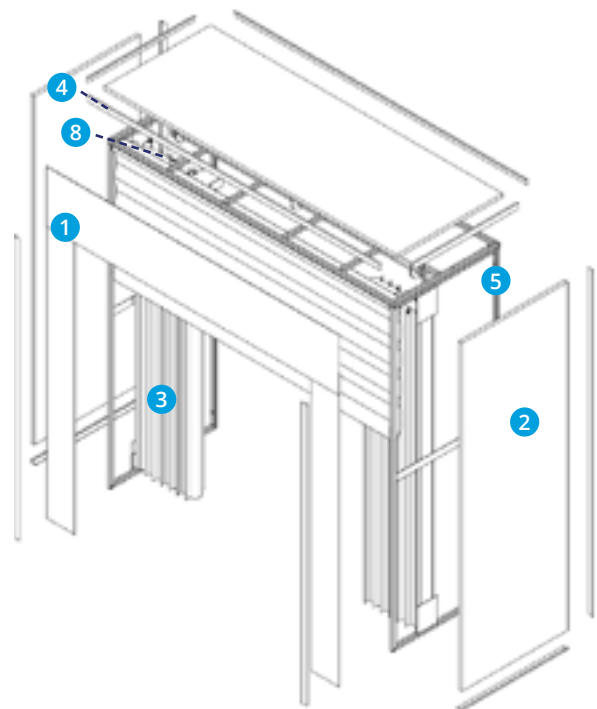
7. PROTECTION TABS

380 mm

8. ENGINE

Inflation time: approx. 30 seconds

Deflation time: approx. 40 seconds



CONTROL PANEL

DIMENSIONS (mm)	300 x 250 x 100
CONTROL VOLTAGE	24v
CONTROL BOX	✓
START-UP LIGHT	✓
ACTUATION CONTROL	✓
SAFETY STOP	✓
OPERATING TEMPERATURE	-10 °C a +55 °C
PROTECTION RATING	IP 55

There are 3 possibilities:

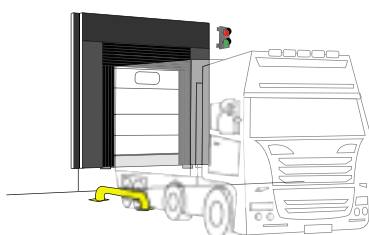
1. Individual push button to activate the inflatable shelter.
2. Panel control synchronised with sectional door
3. FULL EQUIP* panel control

* Customizable configuration according to the required operating sequence (ramp + door + shelter + traffic light + wheel-lock vehicle restraint).

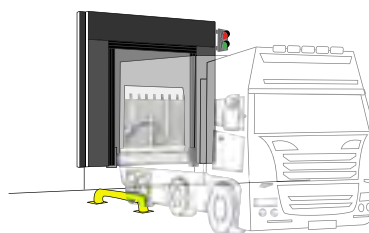
POWER SUPPLY

POWER SUPPLY	POWER CONSUMPTION (AMPERES)
Single-phase 220V/50-60 HZ/0,37 Kw	2A

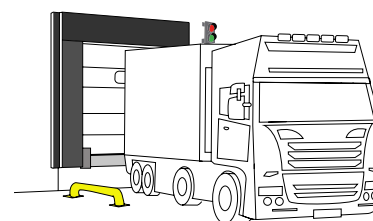
OPERATION



1 When a truck stops inside the shelter, the motor activates, inflating and deploying the shelter to cover the space between the warehouse wall and the truck. The cushions remain under pressure throughout the loading or unloading process.



2 At the end of the loading operation, the inflation function is deactivated. The upper cushion retracts thanks to the tubular motor, and the side cushions retract using the retraction system.



3 Once this process is complete, the truck can freely leave the dock.

TECHNICAL FEATURES

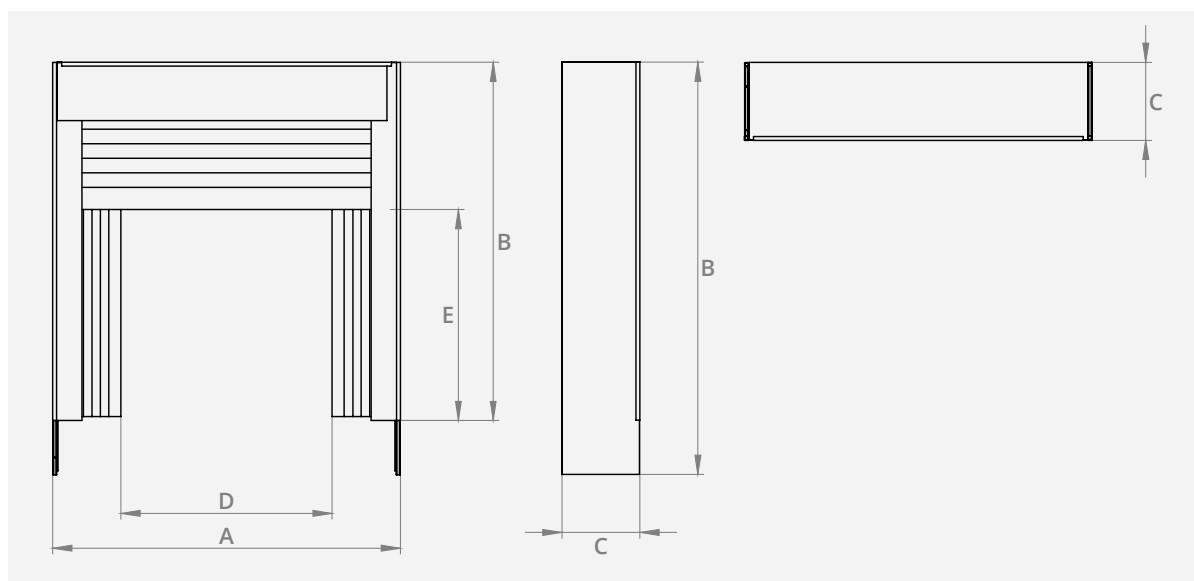
FRONT CANVAS (Vertical and horizontal)

FABRIC COMPOSITION		The fabric is high tenacity polyester, insoluble in water and very resistant to chemical agents, weak acids, weak alkalis, strong alkalis, saline solutions, aliphatic hydrocarbons, alcohols, esters, ketones and organic acids.
COVERING	PVC	
PLOT	Rigid	
UPPER FACE	Matte black PVC	
LOWER FACE	Matte black PVC	
HARDNESS TOTAL THICKNESS	80 SHORE A	
HARDNESS TOTAL THICKNESS	3 mm	
THICKNESS OF UPPER AND LOWER FACE	3 mm	
WEIGHT	3,4 kg/m ²	
THERMAL STABILITY	-10° to + 55°C	
BREAKING STRESS	150N/mm	
WORK STRESS	150N/mm	
MINIMUM DIAMETER	70 mm	

PERIMETER AND ENVELOPING CANVAS

FABRIC COMPOSITION		The fabric is high tenacity polyester, insoluble in water and very resistant to chemical agents, weak acids, weak alkalis, strong alkalis, saline solutions, aliphatic hydrocarbons, alcohols, esters, ketones and organic acids.
COVERING	PVC	
PLOT	Rigid	
UPPER FACE	Matte black PVC	
LOWER FACE	Matte black PVC	
HARDNESS TOTAL THICKNESS	80 SHORE A	
HARDNESS TOTAL THICKNESS	1 mm	
THICKNESS OF UPPER AND LOWER FACE	1 mm	
WEIGHT	3,4 kg/m ²	
THERMAL STABILITY	-10° to + 55°C	
BREAKING STRESS	150N/mm	
WORK STRESS	150N/mm	
MINIMUM DIAMETER	70 mm	

DIMENSIONS



REF.	A (Width)	B (Height)	C (Front depth)	D (Gap width when inflated)	E (Gap height when inflated)
2601A0101000	3.500 mm	3.700 mm	800 mm	2.000 mm	2.200 mm

WIDTH SIDE FLAPS	800
HEIGHT OF FRONT UPPER FLAP	1.000 mm
MOUNTING HEIGHT ABOVE THE TRUCK	500 mm
EXECUTION OF THE FRONT FLAPS	3.000 g/m ²
STANDARD COLOR	black