

***MICHELIN***  
***INFLATABLE SOLUTIONS***

***EVENT SHELTER***



***INSTRUCTION MANUAL***



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This file contains all our recommendations to guide you in the use of your new MICHELIN Inflatable Solutions product.

We recommend that you read it carefully before using your product for the first time and refer to it in case of doubt.

Our sales team remains at your disposal for any further information (e-mail: [commerce@inflatable.michelin.com](mailto:commerce@inflatable.michelin.com)).



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# I - VERIFICATION OF CONTENTS ON DELIVERY

## Elements included in a KIT :

- 1x transport bag **(A)**
- 1x 5m inflatable with pre-positioned roof and side covers **(B)**
- 2x front doors **(C)**
- 1x high flow pump **(D)**
- 1x repair kit **(E)**

## OPTIONAL elements :

- 16x Ballast bags **(F)**
- 8x shrouds



**(A)**



**(B)**



**(C)**



**(D)**



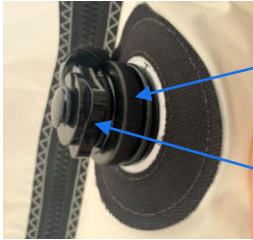
**(E)**



**(F)**



## II - LEGEND



Lower crown, plug without non-return valve for deflation

Upper crown, plug with non-return valve for inflation



"Clamp open: allows air to pass through (position when inflating/deflating)



"Clamp closed: does not let air through (position when structure is inflated)

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Zipper slider



## III - CHARACTERISTICS

Our inflatable dome shelter modules all have a wheelbase (distance between the two legs of the same arch) of 5m. The depth of this module is 5 m.

Module 5m	
<b>Inside width</b>	5m
<b>Arch height</b>	3,6m
<b>Surface area</b>	25m <sup>2</sup>
<b>Maximum height</b>	4,2m
<b>Weight</b>	24kg

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## IV - INSTALLATION

Installation takes about 15 minutes, including inflation.

### 1. Remove the shelter (inflatable + cover + doors) from its transport bag



### 2. Laying out the inflatable on the ground

**The more the structure is spread out, the faster it inflates.**

To tell the difference between front and back, look at the structure spread out in front of you as in the photo. The canvas should be "on top" and the structure underneath.

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Unfolded structure covering underside



Unfolded structure covering top



## IV - INSTALLATION

### 3. Close all caps

Make sure that all the valves are securely closed before you start inflating (4 valves at the feet, and 9 valves on the crosspieces). It is more practical to close the valves when the structure is being unpacked and the cover underneath.



Valve closed

### 4. Open all the clamps on the pipes

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Make sure **all the clamps are open**.

Inside each structure are several inflatable bladders connected together by tubes that can be closed with clamps. Together they form the **"OnePump" system**.

This system allows you to inflate the module at a single point (when the clamps are open), but also to block the propagation of any loss of pressure on one of the tubes (when the clamps are closed).



"Clamp\_" open : allows air to pass through (inflate/deflate position)



"Clamp" closed: does not let air through (position when the structure is inflated)







## IV - INSTALLATION

### 5. Inflating the structure

- ✓ Unscrew the top ring of the plug on one of the legs of the structure and connect the pump to it.

*For fast, optimal inflation, open all the clamps and close all the caps.*

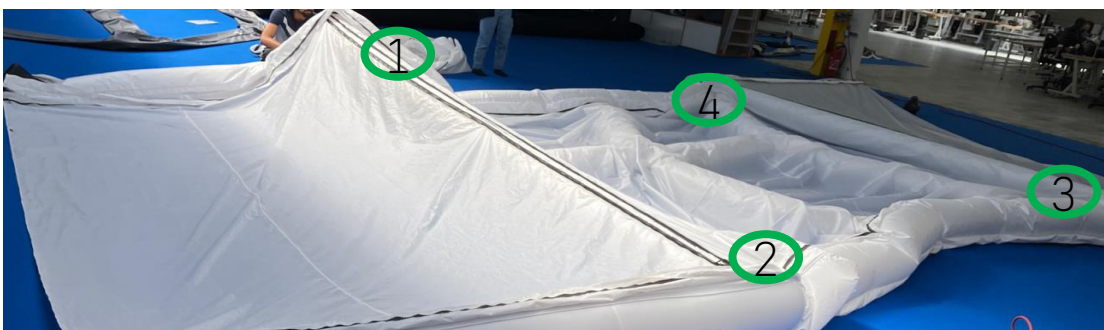


Then



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- ✓ The raised structure requires pre-inflation of the legs and the first crossbar before raising. To do this, close the 4 clamps between the legs and the roof, pre-inflate and then open the clamps to finish inflating.





## IV - INSTALLATION

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### 5. Inflating the structure (Continued)

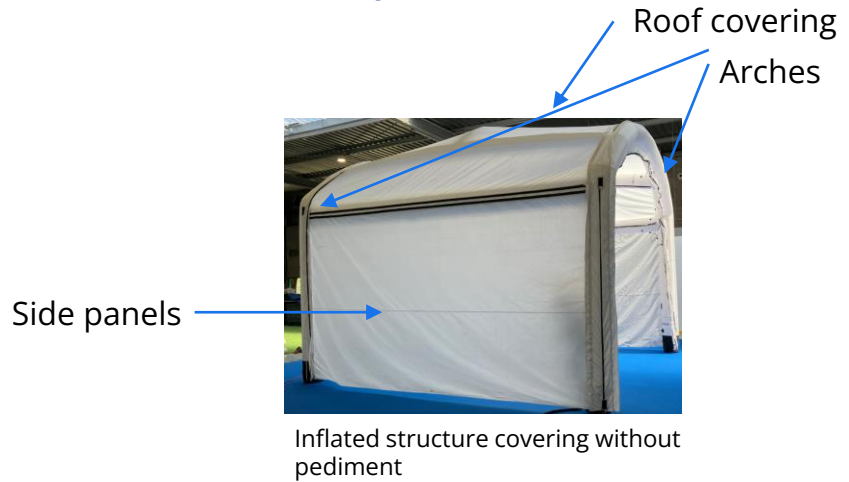
- ✓ Start inflation by pressing the pump's "main motor" mode (yellow button) and allow the air to spread for 1 to 2 minutes.
- ✓ Then press the pump's "boost" mode (red button) to continue inflation.
- ✓ Use your feet to ensure optimum positioning during inflation when the clamps are open.
- ✓ The structure is inflated when it is rigid. You can then turn off the pump and close all the clamps.





## IV - INSTALLATION

### 6. Fit the cover and side doors (if not already on the deflated structure)



- ✓ The covering is fitted with zips (4 zips).  
These zips are placed on each of the two arches and on the crosspieces furthest from the center.



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- ✓ The side panels are fitted with zips (3 zips). It is positioned on the front of the structure.
- ✓ The pediments are installed AFTER the structure has been inflated using a ladder.





## IV - INSTALLATION

### 7. Ballast the structure

MICHELIN Inflatable Solutions offers an official ballasting solution: 40kg water ballast bags. Empty, they take up no space.

- ✓ Attach a weight to the rings on each leg of the structure. Other types of ballast are acceptable.

However, make sure that the weight is at least equivalent to the official solution proposed by MICHELIN Inflatable Solutions.

Use water cans, sandbags or saltbags to ballast the structure at each foot.

Rings can be used to tie the ballast around the structure.

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## V – DISMANTLING

### 1. Deflate

- ✓ Before deflating, remove the pediments by unzipping them.
- ✓ To make deflation easier, first deflate the feet of the structure by unscrewing the lower crown of the plugs.

*Notre conseil: Fermer les clamps en haut des pieds, pour ne dégonfler que les pieds.*



- ✓ Separate the inflatable modules, if any, by opening the zips.
- ✓ Open the "clamps" (clips on the tubes) so that the air can circulate between the many tubes of the inflatable.
- ✓ Lay the structure out as flat as possible with the arches as flat as possible.
- ✓ Let the structure empty itself of air.

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**WARNING: Never attempt to deflate the structure using the inflation pump!**

You risk damaging the plastic inner tube that slips inside each flange.

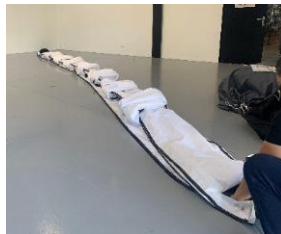




## IV - DISMANTLING

### 2. Fold

- ✓ Fold the covers and the door.
- ✓ Fold the structure in successive symmetries (fold the frame in half, then fold the arches in on themselves, then "roll" the structure halfway and do the same on the other half). To get the air out of the arches, flatten them.



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- ✓ Finally, slide the folded structure into the bag.



*The cover can be kept on the inflatable for storage. The only problem is that folding the cover is trickier, as the air is harder to get out of the folds.*



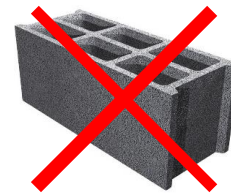
## VI – MAINTENANCE

### 1- Uses involving risks

- ✓ Do not use machinery or sharp equipment near the shelter, as this could damage it.



- ✓ Do not use abrasive ballast (breeze block, stone, metal), as this may cause premature damage to the perimeter of the shelter.



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- ✓ Do not bring the shelter into contact with flammable or corrosive products, as this may damage the structure.





## VI – MAINTENANCE

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### 2- Maintenance tips

Covers should be folded appropriately to maintain their watertight properties and prevent damage during storage.

You can hose down the shelter (avoid pressure washing). **Wait for the shelter to dry before storing it in the transport bag.**

Inflation is guaranteed for 48 hours. Before each use, check the inflation.

**A repair kit is included in your PACK.** In the event of an inner tube leak, remove the tube from the textile sleeve, paying attention to the eyelets at the ends.

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These "eyelet" fasteners take the form of transparent plastic caps.

Clean the leak area with rubbing alcohol and leave to dry for 1 minute. Finally, apply the self-adhesive patch, pulling the bladder taut. Press the patch back and forth until it adheres, then replace the bladder in the textile sleeve, fastening the ends securely.

To ensure that the repair is complete, perform an initial inflation by isolating the freshly repaired bladder from the rest of the structure.







## VII - WARRANTY CONDITIONS

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The MICHELIN Inflatable Solutions guarantee lasts for one (1) year.

This guarantee covers the following defects:

Leaks from a defective weld.

Valve detachment or valve leakage.

The guarantee does not cover damage resulting from incorrect assembly, incorrect use or resulting from an external cause such as :

Normal wear and tear of components.

Damage due to external aggression.

Damage caused by transport, malicious damage, poor maintenance and in particular cleaning with unsuitable products (please refer to our assembly instructions), falling trees, etc.

To benefit from the guarantee, please send us a photo of the product with the reference number or a copy of your invoice to:

[commerce@inflatable.michelin.com](mailto:commerce@inflatable.michelin.com).

Please note that the commercial guarantee does not deprive you of the provisions relating to the guarantee against hidden defects (articles 1641 et seq. of the French Civil Code) or the legal guarantee of conformity (L211-1 et seq. of the French Consumer Code).

The guarantee is limited solely to the replacement of parts (excluding labour) recognised as defective by our company, without any compensation or damages being claimed for material or physical damage caused.

In the event of a return, the following information must appear on the packaging: Name and address of the sender Name and address of the user Number of our delivery note, invoice, quotation, dimensions of the shelter, reasons for the return.





## VII - WARRANTY CONDITIONS

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When acting under the legal guarantee of conformity, the consumer :

- ✓ has a period of two years from the date of delivery of the goods in which to take action
- ✓ may choose between repairing or replacing the goods, subject to the cost conditions set out in article L. 211-9 of the Consumer Code
- ✓ is exempt from having to prove the existence of a lack of conformity in the goods during the six months following delivery of the goods. This period is extended to twenty-four months from 18 March 2016, except for second-hand goods.

The legal guarantee of conformity applies independently of any commercial guarantee that may have been granted.

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Consumers may also decide to invoke the warranty against hidden defects in the goods sold, as defined in article 1641 of the French Civil Code. In this case, they may choose between rescission of the sale or a reduction in the sale price in accordance with article 1644 of the French Civil Code.

Article L. 211-4 of the French Consumer Code: "The seller is obliged to deliver goods in conformity with the contract and is liable for any lack of conformity existing at the time of delivery. He shall also be liable for any lack of conformity resulting from the packaging, the assembly instructions or the installation when the latter was made his responsibility under the contract or was carried out under his responsibility".

