MICHELIN

INFLATABLE SOLUTIONS

CONSTRUCTION SHELTER FOR LARGE SWIMMING POOL

INSTRUCTION MANUAL

Standard manual version 1 – January,2026

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 if you have any doubts.

Our sales team will be happy to provide you with any further information you may require (e-mail: **commerce@inflatable.michelin.com**).

Product description

You have ordered **a construction shelter for large swimming pool.** This product is designed to **cover large pools with a width of 15 meters or less.** These instructions will guide you through all the steps involved in setting up your product.

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I. PRECAUTIONS FOR USE

1. Uses involving risks

✓ Do not use machinery or cutting equipment near the structure, 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.

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

✓ It is strictly forbidden to smoke or install a heat source under or near the structures.

2. Limited conditions of use

✓ Dismantle the structure if the wind speed exceeds 70 km/h. The structure must be operated with the doors and covers closed. Risk of the covers tearing in strong winds. Respect the weight and distribution of ballast recommended in **section 10. Ballasting and guying.**

✓ In the case of snowfall, it is necessary to remove the snow from the cover. If this is not possible, the structure must be dismantled.

I. PRECAUTIONS FOR USE

- ✓ Your product is inflatable, so there is a risk that a bladder in your structure could leak. In this case, evacuate the people present under the structure, dismantle the structure and contact the after-sales service: **sav@inflatable.michelin.com**
- ✓ A systematic check is recommended when assembling your structure. If you notice any damage, dismantle the structure and contact the product distributor.
- ✓ Re-inflate regularly and after any major change in temperature.

II. CHECKING THE CONTENTS OF THE DELIVERY

Items included in one module:

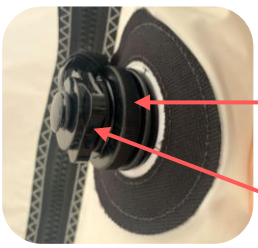
- 1x transport bag **(A)**
- 1x structure (with 1x cover) **(B)**
- 1x central Air T x Lateral Air T **(C)**
- 1x Guying kit **(D)**
- 8x Ballast bag **(E)**
- 1 × repair kit **(F)**

Items included in a KIT (multiple modules):

- Modules + elements included with each module
- 1 × set of doors
- 1 × guying kit for doors
- 2 × high-flow pumps **(G)**

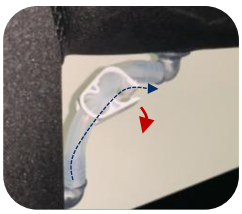
A	B	C	D
			
E	**F**	**G**	
			

III. LEGEND



Lower ring for deflation

Upper ring (cap with non-return valve) for inflation



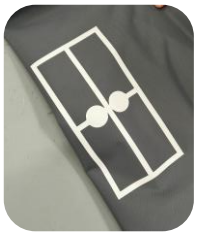
‘Clamp open: lets air through (position when inflating/deflating)

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

Guy ring / ballast ring

Pump (with ‘ Main Motor’ button to start inflation and ‘ boost ’ button to speed up inflation)

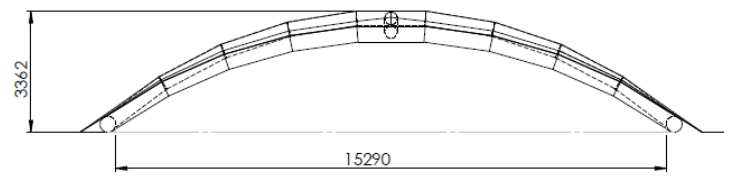
Please refer to the pump's instructions for use.
Do not open the integration zip .

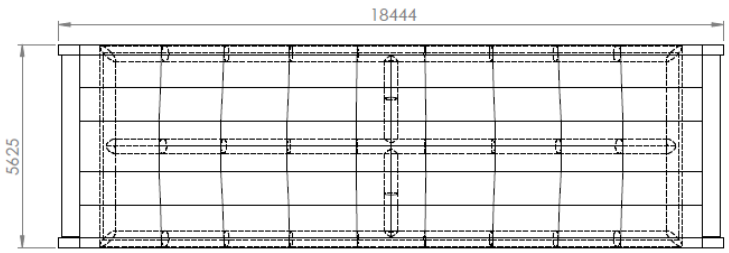


Marking for Air T positioning

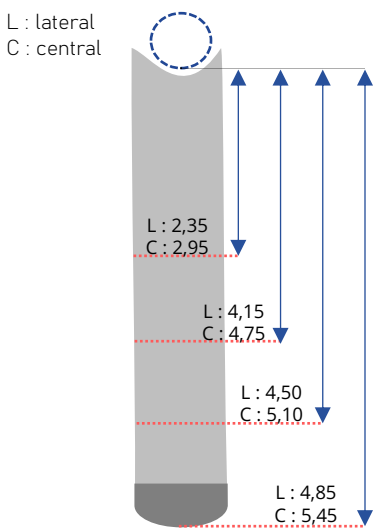
IV. CHARACTERISTICS

	1 module large swimming pool
External width	15,29 m
Inside width	18,45 m
Length	5,62 m
Maximum height	3,36 m
Weight	85 kg (1 sac)
Storage	1m³
Wind resistance	60 km/h





Ajustable Air T



V. INSTALLATION

Minimum 2 people required per module
Recommended: **3 to 4 people**
Estimated installation time: **30 minutes per module**
Power supply: 220V / 50Hz to plug the pumps

The main installation stages

1. Remove structure from bag
2. Unroll and unfold
3. Install Air T
4. Install cover (optional)
5. Repeat these steps for each structure
6. Inflate structures (method 1 or 2)
7. Adjust structure

V. INSTALLATION

1. Remove the structure from its bag

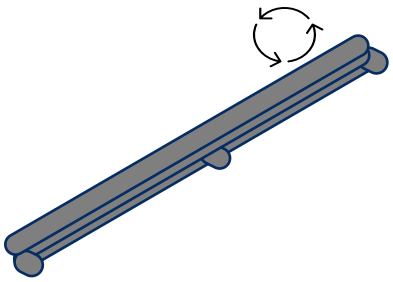
✓ Take the structure out of its transport bag.

2. Spread the structure on the ground

✓ Unroll and unfold the structure on the ground next to the pool to be covered.

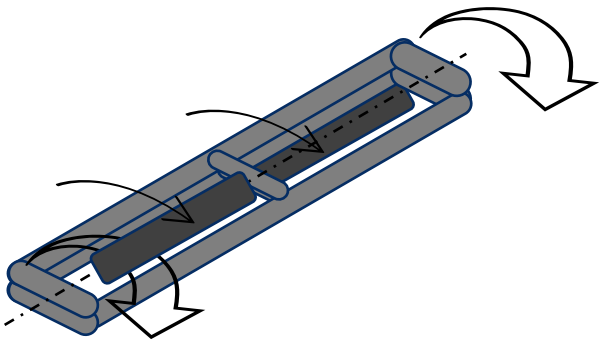
Prefer a clean space for unfolding, free from elements that could cause damage (brambles, stakes, etc.). If necessary, do not hesitate to use a protective tarp.

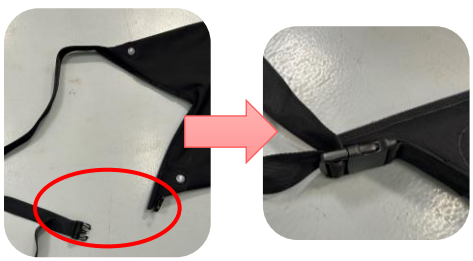
✓ To position the structure on the ground correctly, each structure has an "**UP**" marking that must be placed on top.
The UP markings are only visible if there is no cover, so if your product has a cover, the cover should be placed on top during installation on the ground.



3. Install the air T

✓ Install the air T (inflatable poles) in their designated positions (Velcro circles) and clip them in place.



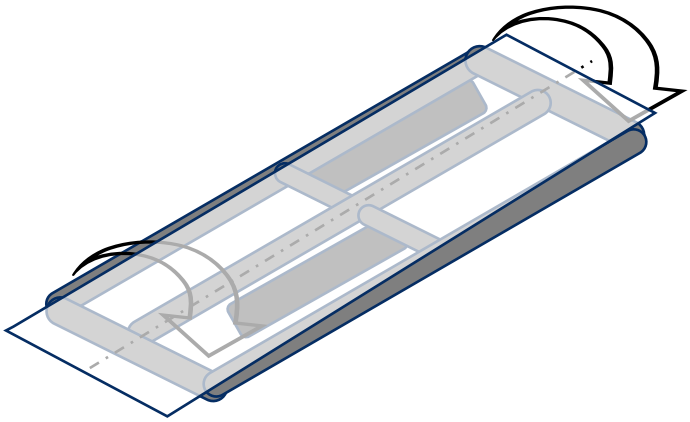


V. INSTALLATION

4. Complete the unfolding

✓ Complete the unfolding of the structure by spreading it fully flat on the ground next to the basin.

Optional: Install the roof cover on the structure, if it is not already in place.



5. Open all the "clamps"

✓ Ensure that all the clamps are fully open.

Each structure consists of several inflatable tubes connected together by tubes that can be closed using clamps called "clamps".

*The entire system forms 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 spread of any possible pressure loss in one of the tubes (when the "clamps" are closed).*

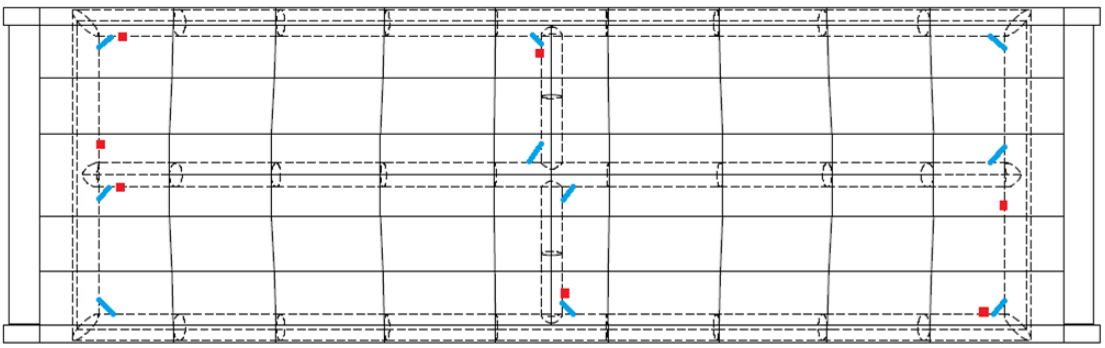
"Clamp" open
Allows air to pass (inflation/deflation position)

"Clamp" closed
Does not allow air to pass through (position when the structure is inflated)

V. INSTALLATION

6. Close all inflation valves

✓ Make sure to properly close all the valves on the structure. The 7 inflation valves per structure are represented by red dots on the diagram below.



7. Repeat the above steps for each structure

V. INSTALLATION

8. Inflate the structure

The estimated inflation time is **20 minutes per structure** using **2 pumps per structure**. We recommend inflating the structures only with the pumps provided by MICHELIN Inflatable Solutions.

TIP : Clamp the pipes and install the guy wires before raising the structure to make installation easier.

Method 1 – Sufficient space around the basin

✓ Zip the structures together to secure them.

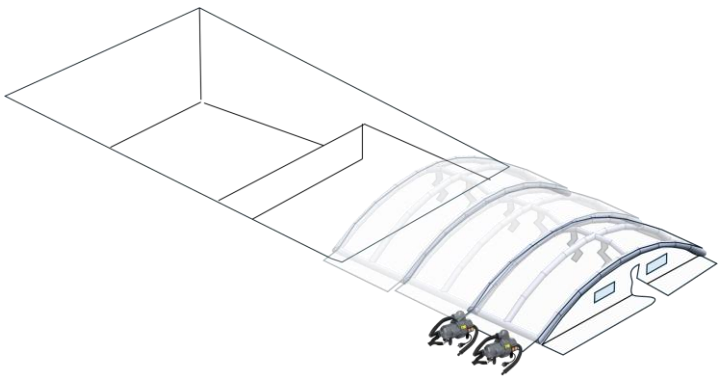
✓ Zip the doors at each end of the assembly.

WARNING: The door opening zippers must remain fully open to avoid any risk of tearing during the inflation phase.

✓ Gonfler les Air T réduits au maximum (voir étape 10).

✓ Brancher les deux pompes à une valve de gonflage sur les traverses inférieures d'un module.

✓ Appuyer sur le bouton « *Main Motor* » puis « *Boost* » pour accélérer le gonflage.



✓ When the tubes start to inflate, use the central Air T pump at minimum to raise the structure. If necessary, use the side Air T pumps to assist in lifting the structure. Keep the central Air T pump in place until inflation is complete.

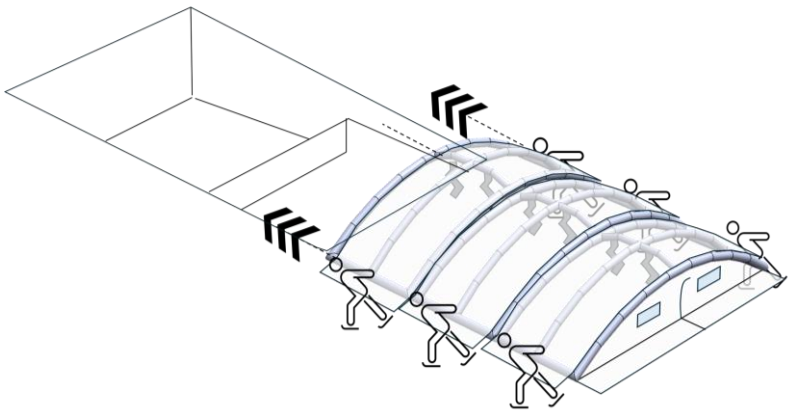
✓ Before removing the central Air T, grab the straps on the ground, pass them through the stainless-steel loops, then adjust them until the white stitching appears inside the loop.

✓ Complete the inflation in "*Main Motor*" position until the structure is rigid, then unplug the pumps and close the inflation valves.

V. INSTALLATION

✓ Move all structures above the basin to the desired position using the handles located on each side of the structure.

WARNING :
A person must guide those handling the structure to eliminate any risk of falling.



Method 2 – Restricted space around the basin

✓ Inflate the reduced Air T to the maximum (see step 10).

✓ Connect both pumps to an inflation valve on the lower crossbars of a module.

✓ Press the "*Main Motor*" button then "*Boost*" to speed up the inflation.

✓ When the tubes start to inflate, use the central reduced Air T to lift the module. If necessary, use the side Air Ts to assist in raising the structure.

✓ Keep the central Air T in place until the inflation is complete.

✓ Finish inflating in "*Main Motor*" mode until the module is rigid, then disconnect the pumps and close the inflation valves.

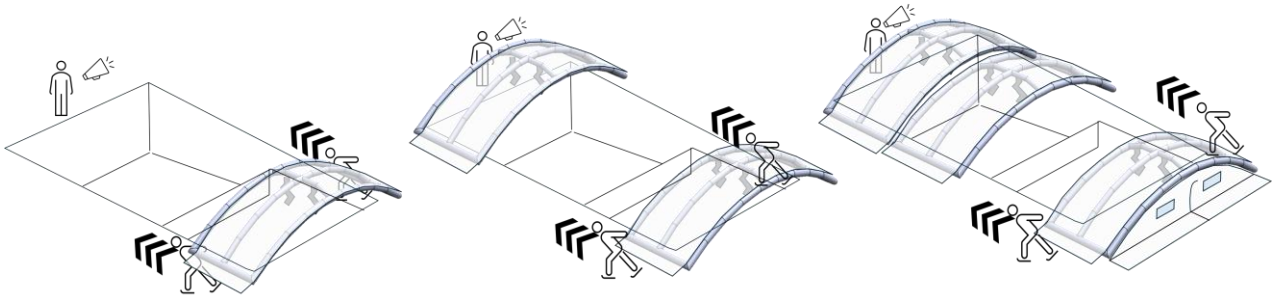
✓ Strap until the white seam appears in the loop before removing the central Air T.

V. INSTALLATION

✓ Position the module above the basin, in the desired position.

✓ Repeat the operation for the following modules by placing them side by side above the basin.

WARNING :
A person must guide those handling the structure to eliminate any risk of falling.



✓ Engage the zipper slider to link the structures together. Using the cord attached to the slider, complete the assembly by pulling the cord on the opposite side (the cord can be pre-positioned before inflation or thrown over the structure during assembly).

V. INSTALLATION

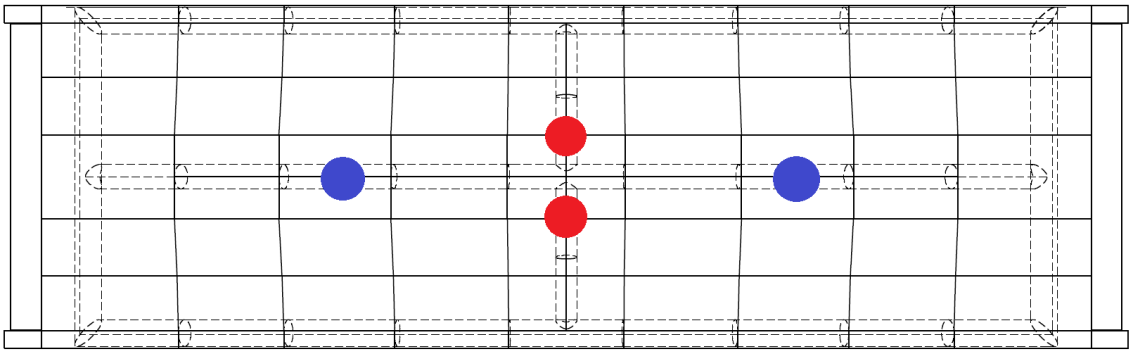
9. Positioning the Air T

✓ Position the Air T using the flocked diagrams on the Air T which indicate their velcroed location on the structures.

The red pole ensures the stability of the structure. The red should, if possible, remain permanently.

The blue pole is used to reinforce the structure against the wind or to compensate for the absence of a central pole. When the shelter remains inflated all night, we recommend placing the central pole and the blue pole on the side from which the wind is coming.

The poles can be strapped around the structure for added security or to pre-position them. Weights can be attached to the rings at the base to stabilize it.



✓ Adjust the height of the different Air T (inflatable poles) according to the height of the basin using the zippers (3 possible heights).

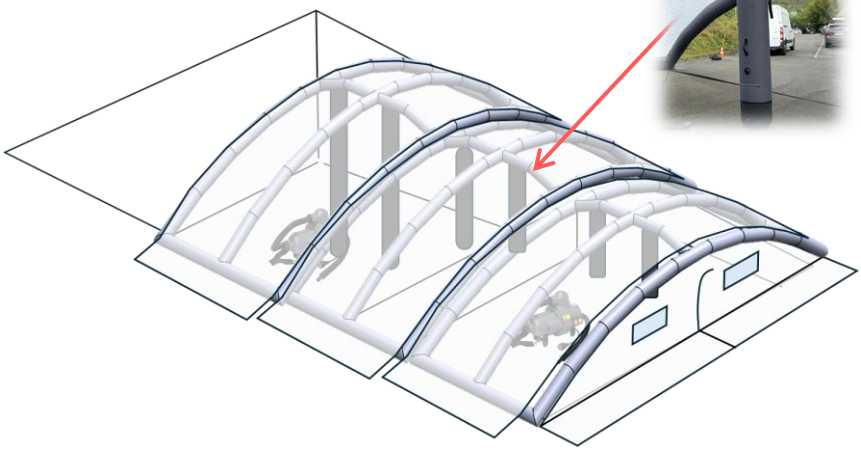
V. INSTALLATION

✓ Inflate the AirTs with the pumps.

4 heights are adjustable:

Lateral Air T
- 2.35 m
- 4.15 m
- 4.50 m
- 4.85 m

Central Air T
- 2.95 m
- 4.75 m
- 5.10 m
- 5.45 m



10. Weighting and Guying the Structure

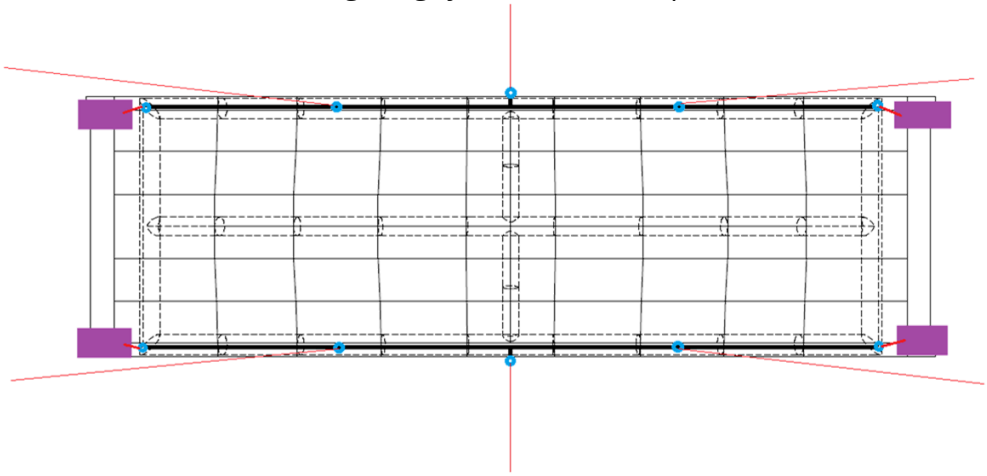
The structure must be weighted according to the recommended weights and distributions.

✓ The structure has ten guying rings (in blue).

✓ Water weights (in purple) must be attached to the rings positioned at the base of the structures.

✓ The structure must be guyed (guying in red) laterally to fixed points (e.g., stakes, solid fixtures…) via the intermediate rings and aligned with the rings at the top.

WARNING: Do not attach weights/guy lines to the loops of the covers.



✓ Tighten the cover of each structure using the lateral loops.

V. INSTALLATION

Weighting Recommendations

The structure must be weighted and guyed at the top, even in cases of light wind:
2 bags of 50L (50kg) per corner ring (8 per module).

- **Wind from 30km/h**
  Inflate all the Air Ts and install them at the flexion points to secure the structure.
- **Wind from 50 to 60km/h**
  The structure must be guyed at the top and bottom, in addition to the weighting.
  There is a risk of the structure moving.
- **Wind from 60 to 70km/h**
  Do not work underneath. The structure could bend under the force of the wind.
  Damage may affect the coverings and doors.
  The structure must be guyed at the top and bottom, in addition to weighting which must be doubled (16 bags per module).
- **Wind >70km/h**
  Dismantle and store the structure (at least the coverings).
  Risk of guying failure and damage to the site environment.

It is recommended to strap the inflatable posts (Air Ts) under each module during periods of absence.

CAUTION: Always remove the weights and loosen (or remove) the securing straps before moving the structure.

VI. DISMANTLING

Estimated disassembly time is **2 hours for 5 modules.**

1. Deflate the Air T

Do not use the pump to deflate the structure as it may cause damage.

✓ Open the lower crowns of the valves on the Air T, then let the air escape naturally.

2. Move the structures out of the pool

✓ Using the handles located on the lengths of the structures, lift all the structures out of the pool they covered and place them on a flat surface.

3. Open the doors

✓ Open the central zipper of the doors to then be able to deflate the structures.

The doors must be opened without fail for inflating and deflating the structures.

4. Deflate the module(s)

Do not use the pump to deflate the structure as it may cause damage.

Do not jump or lie on the structure to deflate it.

✓ Open the lower crowns of the valves present on all structures to deflate them.

Complete deflation of the structures can take up to 1 hour.

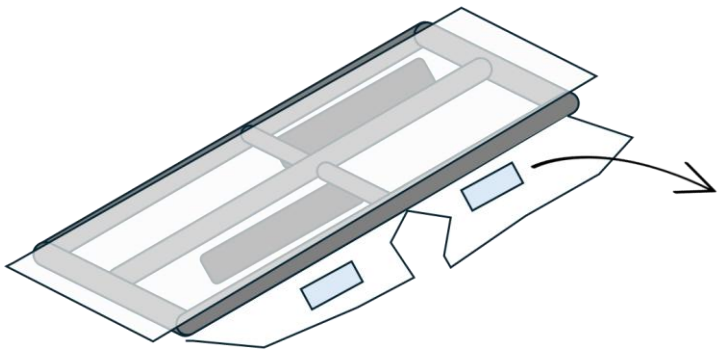
VI. DISMANTLING

5. Remove the doors

✓ Remove the doors from all structures by unzipping them.

6. Separate the structures

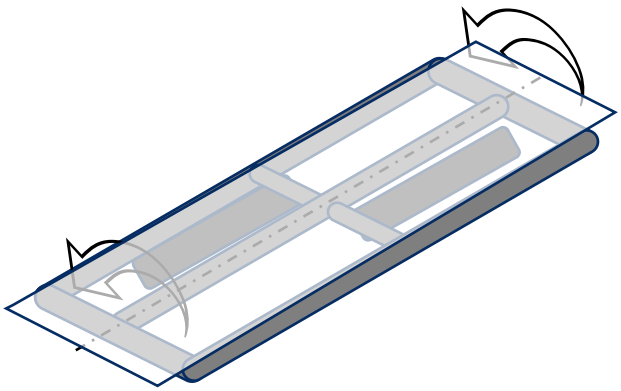
✓ If multiple structures are zipped together, it is necessary to separate them by unzipping before starting the folding.



7. Fold the structures

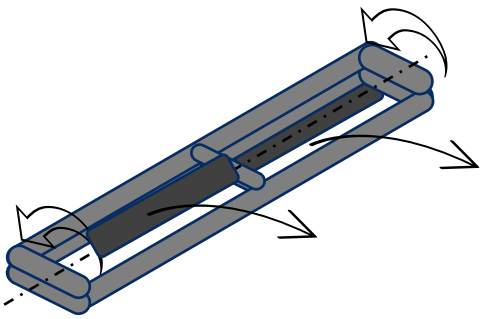
✓ Lay the structures flat.

✓ Fold the structures onto themselves, from foot to foot, leaving the roof coverings zipped.



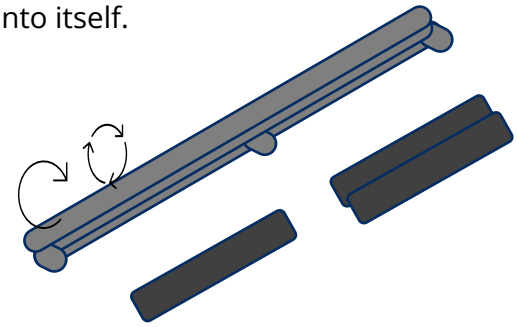
VI. DISMANTLING

✓ Unclip and remove the T air from the structures.



✓ Continue folding by forming a line and storing the T air on the side.

✓ Wrap the structure onto itself.



8. Folding the air T

✓ Lay the air T flat on the ground.

✓ Fold the air T by rolling them onto themselves.

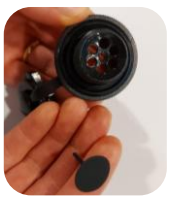
9. Storing the structures

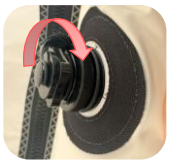
✓ Once folded, store the structures in their transport bag along with the doors and the air T.

VII. PROBLEM SOLVING

If you encounter any of the following problems, please follow the recommendations below :

- The non-return valve detaches from the valve during inflation ⇒ Simply close the cap to obtain a good sealing, this valve is a safety device.





- Eyelets that recess ⇒ Pass a clamp/ wire through the groove in the eyelet. Reposition the eyelet in front of the hole, then pull on both ends of the clamp at the same time so that the eyelet is positioned and protrudes over the PVC protection. Pull on the clamp on one side so that the eyelet moves back into position. The PVC protection must be fully inserted into the groove all around the eyelet.

- Inflation problem: the structure does not inflate, or inflates very slowly ⇒ check that the valves are closed properly.
- Inflation problem: the structure does not inflate ⇒ check that all clamps are open

- Leak on the structure ⇒ Clamp all components together to isolate the inner tube, which may be defective.
- Pull-out zipper teeth ⇒ Use a rigid object (wrench, stick, etc.) to align them.

To help you with small repairs, please refer to the repair guide, which can be consulted and downloaded from our website: https://inflatable.michelin.com/en/after-sales-service-maintenance/repair-guide

VIII.MAINTENANCE

1- Maintenance tips

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

You can wash the structure with a jet of water (avoid pressure washing). Use mild detergents: soap, dishwashing detergents, etc..
Wait until the structure is dry before putting it back in its carrying 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.

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.

We recommend regular visual inspection of your product; if you notice any signs of wear, please contact our after-sales service : **sav@inflatable.michelin.com**

IX. WARRANTY CONDITIONS

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

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.

IX. WARRANTY CONDITIONS

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.

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".