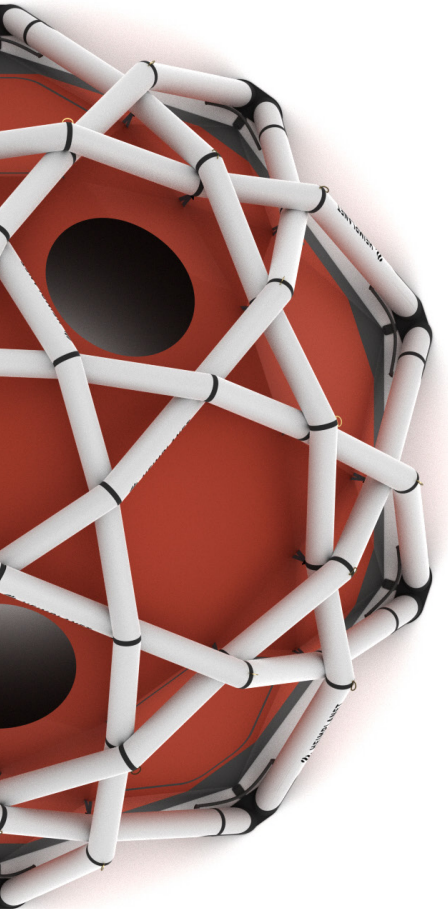


MAVERICKS DESCRIPTION



BASE CAMP/EXPEDITION TENT
GEODESIC STRUCTURE
MULTI CHAMBER SAFETY SYSTEM
ONE-PUMP SYSTEM
WEIGHT 26.6 KG



PAT. NR. 10 2010 050 485

HPT MAVERICKS

WHAT IS MAVERICKS

Mavericks is designed to be an expedition base camp tent with the competence of a storm shelter. It is engineered to handle wind forces up to 180km/h. With three separated entrances, a removable floor and multiple ventilation options, it can be used in a wide range of climate conditions and can function in various ways. Its iconic dome shape offers room for 10+ people which makes it a great group shelter, a dining hall or communication center. With a weight of just 26.6kg, Mavericks is packed in a duffle bag that can be checked in on commercial flights without the need for special arrangements.

SPECS

COLORS

-  WHITE, BLACK
-  RED, WHITE

WEIGHT

(TENT + GROUND SHEET)
26.6 kg + 1.6 kg
(58.6 lbs + 3.5 lbs)

INCLUDED

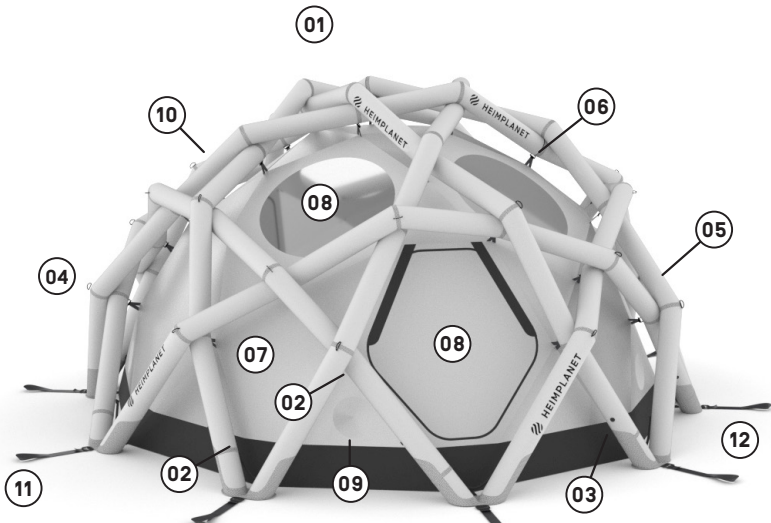
REPAIR KIT, CARRY BAG

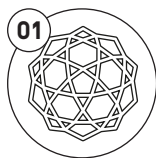
SIZE

DIAMETER [INSIDE]:
410 cm [13.5 ft]
GROUND AREA:
13.2 m² [142 ft²]
OVERALL HEIGHT:
234 cm [7.8 ft]
INNER HEIGHT:
200 cm [6.7 ft]
PACKING SIZE:
50 X 50 X 80 cm³
[31 X 20 X 20 in³]

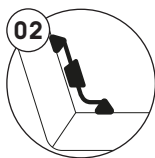
MATERIAL

AIRFRAME: RECYCLABLE MATERIAL
OUTER LAYER: EXTRA STIFF AND RESISTANT POLYESTER
INNER LAYER: FLEXIBLE THERMOPLASTIC POLYURETHANE
FLYSHEET:  50D HT 2x MINI RIP STOP POLYESTER, TPU 10,000 mm
 100D RIP STOP POLYESTER DWR PU 5000 mm
GROUND SHEET: 210D NYLON, PU 10,000 mm





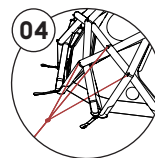
The Inflatable Diamond Grid (IDG) is a self-supporting air frame inspired by the molecular structure of a diamond. Its design follows the principle of a geodesic dome. What sets it apart is its high stability and its excellent surface-area-to-volume ratio.



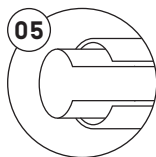
The patented **Multi Chamber Safety System** allows the entire air frame (IDG) to be inflated in one single step. The inflated frame can then be divided into ten separate chambers with the one-pump connectors, assuring stability even if some parts are damaged.



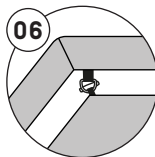
The IDG features ten **2-in-1-valves**, each with two closures: a one-way valve for quick and simple inflation of the air frame and a large opening for easy deflation. So pitching and taking down the tent is nearly effortless.



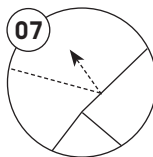
Tensioning options: Mavericks frame comes with multiple steel anchor points for attaching guy lines for additional stability in extreme conditions [you find more information at **Advanced Setup**].



The **air beams** feature a tough, double-layer construction. An air-tight TPU (thermo-plastic polyurethane) bladder provides consistent air pressure over long periods of time. The outer sleeve is made of an extra strong polyester fabric, ensuring outstanding rigidity and durability.



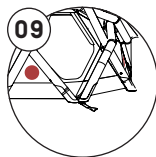
Simplicity: Mavericks is designed so that the tent and the air frame can be set up in one step (inflation). This means that the air frame and the tent must be assembled only the first time - after that they remain connected and can be pitched and packed down together.



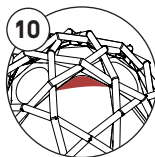
Single Layer Tent: Mavericks is designed to be an extremely tough base- and expedition tent and doesn't come with an additional inner tent. Through its very good ventilation it can still be used as a sleeping shelter if necessary.



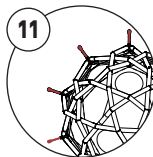
Access and windows: Mavericks comes with three doors and three windows to offer multiple access points and a good overview of the surrounding area [you find more information at **Access and Windows**].



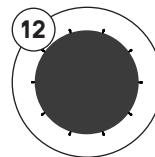
Lower ventilation: Mavericks has five closable lower ventilation areas spread equally over the structure to always offer a downwind side to open [you find more information at **Adjustable Ventilation**].



Upper ventilation: Two large and closable air vents ensure perfect, upward air circulation - even in the worst conditions.



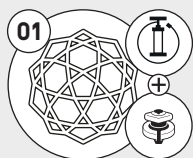
Ground fixation: There is one extra large adjustable webbing with a loop at each of the 10 ground elements of the tent frame.



Groundsheet: The integrated groundsheet is completely removable if necessary and shares an overlapping area with the actual tent body to improve the floor water resistance. [you find more information at **Ground Area**].

FIRST ASSEMBLY

When assembling the Mavericks for the first time, the frame and the tent are connected to each other. Once the tent has been put together, there is no need to repeat the first assembly. From then on, the frame and the tent can be unpacked and inflated to how they were before - the tent "sets itself up".



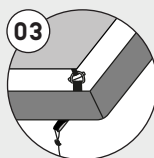
SPREAD OUT IDG

Spread out the inflatable frame, and gently fill it with air until it is erected.



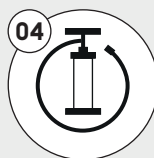
ARRANGE STRUTS

If the struts are twisted too tightly, simply let out a little air and correct it.



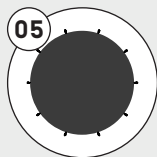
CONNECT TENT TO STRUTS

Position the tent under the erected IDG and connect the flysheet to the struts.



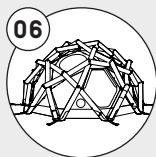
INFLATE

You can now pump up the IDG until the struts are fully inflated with air. Everything else happens by itself.



GROUND SHEET

Install groundsheet if wished.



READY TO USE

Once you have completed the first assembly, the components can stay joint. Set-up is easy from now on: Spread out, pump up, welcome home!



TAKE DOWN

After first assembly, the tent can be rolled up and packed away in one piece. A description can be found in the next side.

THE COMPONENTS

Mavericks consists of three components: The frame, the tent body and the groundsheet. Combining these three elements results in a highly functional and stable tent that is ready for all future adventures after the first assembly!



A: IDG



B: Tent



C: Groundsheet

A: The inflatable frame or IDG (Inflatable Diamond Grid) maintains the construction of the tent.

B: The tent protects against wind and weather.

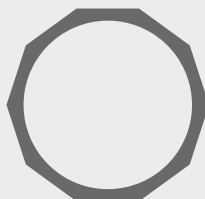
C: Installing the groundsheet is recommended if you handle sensitive equipment, pitch on loose or wet/dirty ground or if you consider sleeping inside Mavericks. ★

In case you have heavy equipment and rocky or hard ground or you have to wear heavy boots all day long - we suggest using Mavericks without the groundsheet. It is attached to the tent body on the inside at ten points to offer a wrinkle-free fit and is easily attached and detached.

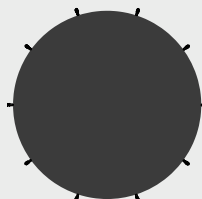


★ GROUNDSHEET

The flysheet includes a rim of ground fabric for extra water resistance. Adding the groundsheet creates an overlapping area which ensures good protection from the elements.

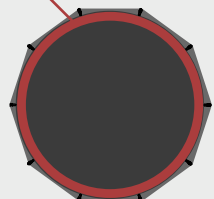


Tent body rim



Groundsheet

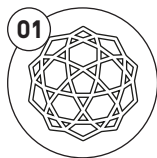
overlapping area



Groundsheet + rim

EASY SET UP

Once the initial setup is complete, all you need to do from now on is the very simple and fast subsequent setup. Mavericks can be assembled with two people in under ten minutes. Thanks to its construction, this expedition tent can even be set up alone.



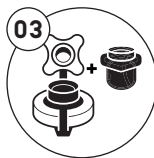
SPREAD OUT

Lay out the tent flat on the ground.



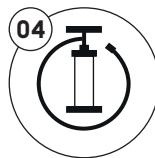
CLOSE (x10)

Close all valves.



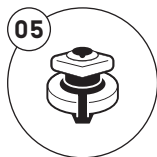
OPEN (x1)

Connect the adapter to the valve and both to the pump



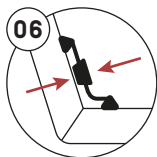
INFLATE

Inflation is quick, as the tent pitches itself



CLOSE (x1)

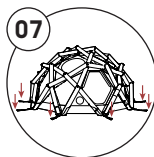
Disconnect the pump and make sure all valves are properly closed and sealed



SECURE (x15)

Use the punch clips to separate the air beams.

★



GROUND FIXATION

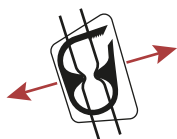
Apply your choice of peg to the ground fixation webbings and start with adding moderate tension to all anchor points before applying final force for maximum stability.

CAUTION: pegs are not included!

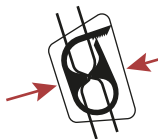
★

SECURE CLIPS

The clips in the neoprene sleeve and are easy to use. They can be felt and operated through the neoprene cover by hand.



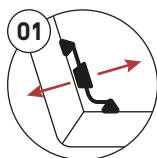
Open



Closed

TAKE DOWN

For dismantling, you can fold the assembled components, frame, flysheet and eventually groundsheet, together in one piece and pack them away. It is thus quickly and easily made available again for future use. Remember to take all items out of the tent and make sure it is dry, letting it air dry at home if necessary to prevent mold.



RELEASE (x15)

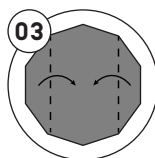
Release the punch clips.



OPEN (x10)

Open all valves to release the air.

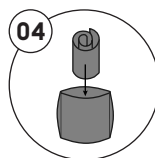
Attention: do not be alarmed by the sudden noise!



FOLD

Remember to remove excess air from the struts by pressing it out after each fold.

★



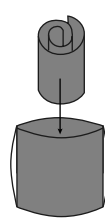
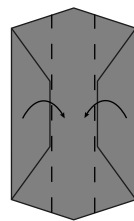
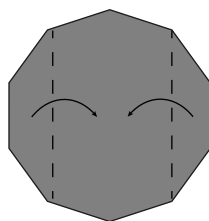
ROLL UP & PACK

Place package in the tent bag. Once in the bag you can further compress the package.

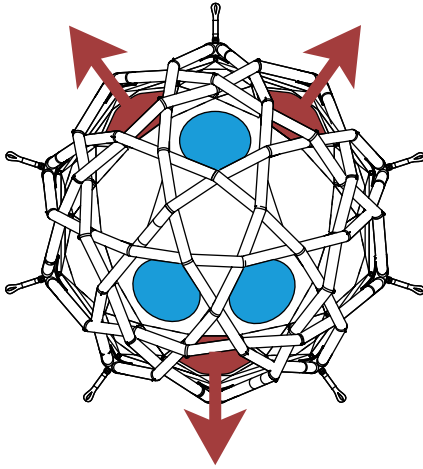
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TIP

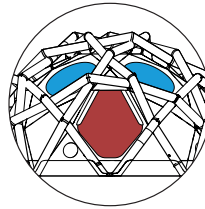
A correctly folded tent fits perfectly into the packsack. To get the air frame as deflated as possible, roll up the tent and open it again several times. By doing so, more air is squeezed out with each roll up. This is how you compress the tent to a minimum pack size.



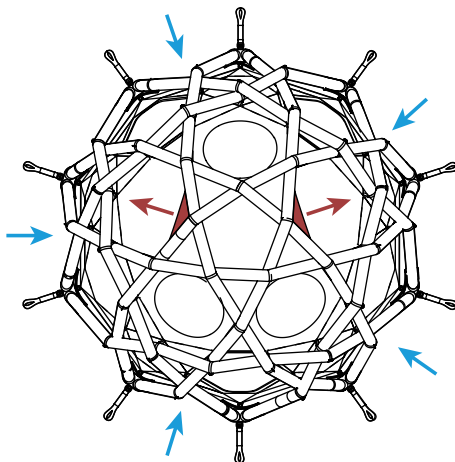
ACCESS & WINDOWS



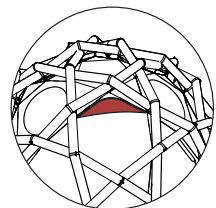
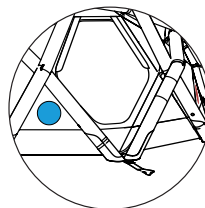
Mavericks offers three identical entries for maximum flexibility and to ensure good access in various scenarios. All openings use #10 YKK zippers which are partly covered to provide an enhanced weather protection. All three windows are made from transparent TPU and ensure a good overview of the surrounding even with all openings and doors closed.



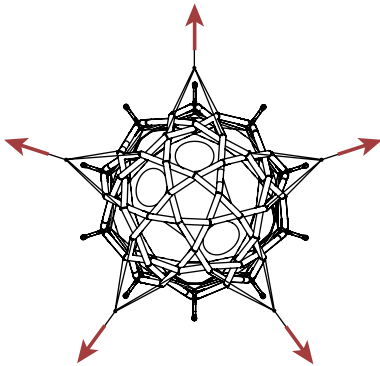
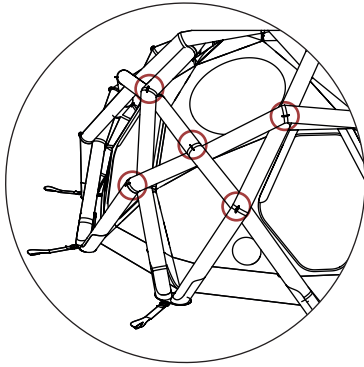
ADJUSTABLE VENTILATION



To guarantee a good air flow Mavericks has five closable openings to control the intake of fresh/cold air. They are placed equally along the ground (blue). At the top there are two large zipper openings (red) where the warm air gets pushed out as soon as colder air gets inside. This chimney effect is the most effective passive ventilation and with it's multiple openings you'll always find a downwind facing side to open.



ADVANCED SETUP



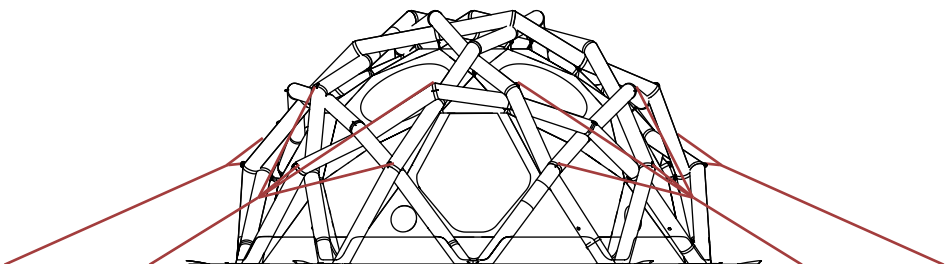
Mavericks is designed to withstand harsh and most uncomfortable weather conditions. The structure is engineered to withstand strong wind speeds up to 180 km/h. For moderate conditions (<100 km/h) additional guy lines to support the structure are not required. In case you are expecting higher wind forces or very strong gusts we suggest the use of guy lines to strengthen the structure.

The frame features extra strong anchor points (5 in each direction = total of 25). If you are experiencing a prevailing wind direction we suggest to start supporting the frame windwards - depending on the wind force this could already be sufficient. If you have strong gusts from changing directions it is suggested to support the frame in at least three directions to maintain a balanced structure. To spread the pulling force please always use multiple anchor points in each direction. ★



CAUTION

Mavericks comes without pegs and guy lines. Depending on the environment and weather conditions, the appropriate material must be supplemented. For more information, please visit WWW.HEIMPLANET.COM



REPAIR

The IDG is made of especially robust materials. However if the outer sleeve or inner bladder is damaged you can replace or patch it just as you would a flat tire on a bike. If the bladder is punctured it can easily be removed through the repair opening at the end of each strut. **Please follow the QR code for detailed instructions.**

01 LOCATE THE REPAIR OPENING

You find the repair opening (zipper) at the end of each strut. Open the zipper to access the inner bladder. To prevent damage please only open the zipper when the structure is not inflated.



02 REMOVE ONE-PUMP CONNECTORS AND VALVES

Remove the rubber tubes and plastic rings from the One-Pump Connectors. Open the valve and press them out.

03 ATTACH STRING

Then attach a string to the One-Pump Connector farthest from the repair opening.

04 PULL OUT BLADDER

Pull the bladder out of the outer sleeve carefully – the string will be automatically guided into the outer sleeve. Use the string to reinsert the bladder after repair.

05 READY TO REPAIR / EXCHANGE

The TPU bladder is now ready to repair with the self-adhesive patches provided in the repair kit. Cut a patch with rounded corners out of the repair material that is approximately 2 cm larger on all sides than the damaged area.

If necessary, replace the damaged bladder with a new one.

06 INSERT BLADDER

Take great care not to twist the bladder when reinserting. Twisting the bladder can lead to damage when pumping it up. After the bladder has been reinserted, guide the bladder ends to the strut ends and make sure the bladder fills out the entire space inside the strut cover.

07 CLOSE ZIPPER

Be sure to securely close the zipper completely.

08 INFLATE BLADDER

After the bladder has been inserted, make sure it fills out the space inside the strut completely. Then slowly fill the bladder with air, taking care that it is positioned correctly. If the bladder is not positioned correctly (e.g. bladder is twisted or bladder does not fill out the space inside the strut completely), correct its position or remove it and reinsert it correctly.



PLEASE NOTE

If the outer sleeve of a strut is damaged, it should be replaced immediately. Otherwise, you might damage the inner bladder. In this case, unfasten the Velcro closure on the corners and at the bottom so you can remove and replace the entire strut.

CARE

The HEIMPLANET Mavericks tent is made from high quality materials. With just a bit of care it will serve you as a reliable home away from home for many years to come.

BE GOOD TO YOUR
TENT AND YOUR
TENT WILL BE GOOD
TO YOU.

Give your tent a quick wipe down after each use to prevent from mold and mildew stains.

Stains and grime are best removed with a soft cloth and lukewarm, soapy water. Do not clean the tent in a washing machine. Do not have it professionally dry-cleaned.

If a zipper is difficult to open and close simply treat it with a bit of wax.

THANK YOU
FOR YOUR SUPPORT.
WE HOPE YOU ENJOY OUR
PRODUCT AS WE ENJOYED
ENGINEERING IT.

—
JOIN THE MOMENT
MAKE YOURSELF A
WHEREVER YOU G



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