

Arctic Lavvo

OF KAUTOKEINO

VENOR ENSTANGSLAVVO

USER MANUAL



Sizes:

4-6, 8-10, 12-14

INSTRUCTIONS FOR VENOR ENSTANGLAVVO

Sizes:
4-6, 8-10, 12-14

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**THANK YOU FOR CHOOSING
ARCTIC LAVVO, WE WISH YOU
MANY GREAT EXPERIENCES
WITH NATURE!**

Made with love by our fantastic tailors in Kautokeino, Norway. Small variations in the products may occur. If you have any questions or comments, you may call us for a lovely lavvu chat.

ASSEMBLING

You should be able to single handedly assemble the lavvu. You will have it done in just a few minutes after a little practice.

1. Use the enclosed measuring line, fixing a plug at each end. Place one stick in the ground in the centre of the lavvu. Use the other end to measure where each plug should be attached (figure 1).
2. Place the fabric on the ground with the zipper closed and let the lower edge form a circle. Pounce the plugs into the adjustable fasteners (figure 2).
3. Install the middle pole. Open the zipper and connect the middle pole with the small top and hoist the lavvu (figure 3).
4. If you are adding the top hat, you should put it on before raising the lavvu (figure 3b). You may adjust the opening in the top hat in relation to the direction of the wind. When closing the top hat, the lavvu will be totally waterproof (figure 3c). The top hat is fastened with enclosed strings.
5. In case you ordered the bottom, put it in place. The bottom is put underneath the poles and can be fastened to the plugs on the outside. The bottom comes with a split in it that can be opened up if you have a fire pit.
6. To avoid the middle pole from drilling into the ground, you may conveniently place a stone, plate etc on the ground under the pole. Close the zipper and finish by walking around the lavvu to equally tighten all plugs (figure 4).
7. You can also secure the lavvu with guy-lines (figure 5). If you use guy-lines we recommend you use them all the way around the lavvu, that way there is an equal tension on the guy-lines and you avoid any guy-lines wearing off.
 - If the smoke opening is not circular, then some of the plugs are tighter than others.
 - If the fabric is tightened too hard sideways, the danger of tearing will increase if hard impact or strong winds occur.
 - Without the top hat or with partial open top hat, you can make a fire just as in a traditional lavvu.
 - The lavvu can be adapted for installing a furnace, contact us if needed.

DISASSEMBLING & PACKING

1. Loosen all plugs and carefully tilt the lavvu down.
2. Remember to dry the lavvu before packing it away.
3. Fold the lavvu on a dry surface.
4. Place it in the enclosed bag.
5. Disassemble the poles and place them in their enclosed bag.
6. Place all the plugs in the enclosed bag.

Fig. 1

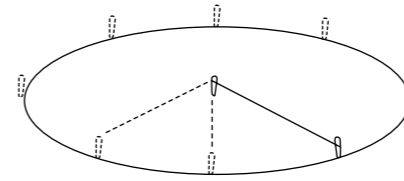


Fig. 2

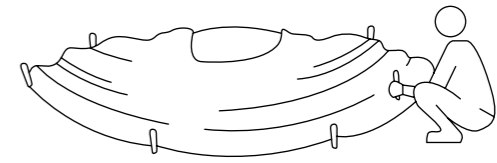


Fig. 3

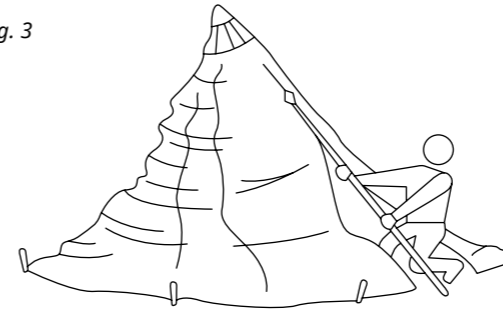


Fig. 3b

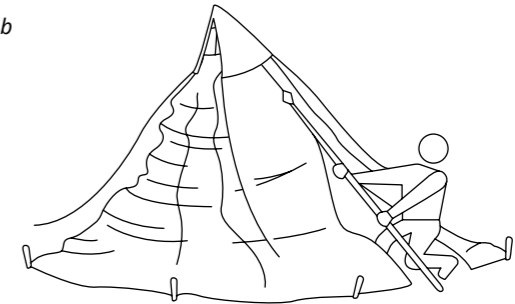


Fig. 3c

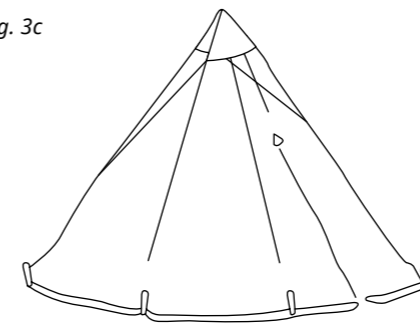


Fig. 4

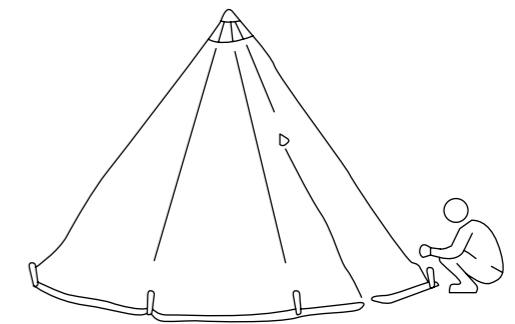
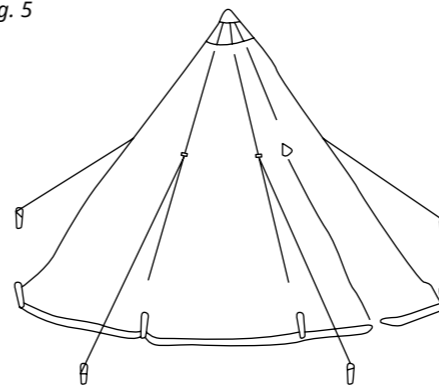


Fig. 5



THE INNER FABRIC

If you purchased the inner fabric as an add-on for your lavvu, this is how you assemble it:

The inner fabric is attached with carabiners in the lavvu. Attach on top, in the middle and below (fig. 6).

Make sure the door is placed in the right place.

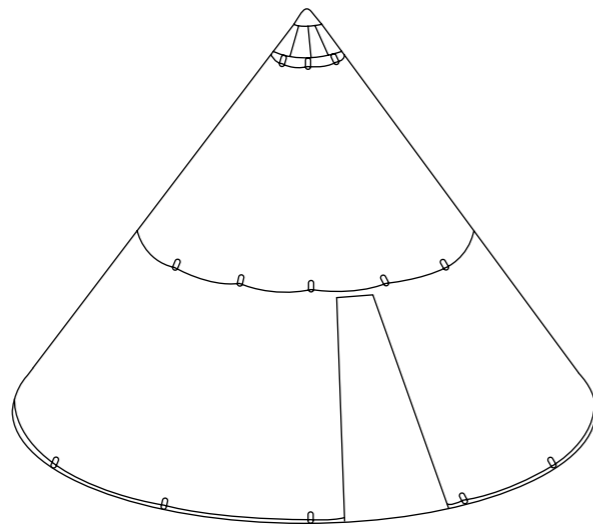


Fig. 6

MAINTENANCE

Lavvo fabric and aluminium poles:

The lavvu fabric must dry after use and be kept dry. The lavvu fabric comes already impregnated when you receive it, after some time wind and weather conditions will wear on the impregnation and you will need to impregnate again. We recommend silicon or one suitable for marine canvas, that can be administered either via brush strokes or sprayed on, it is important to carefully read and follow the instructions of the chosen impregnation method. If you use aluminum poles, keep them in a dry environment. Do basic cleaning as needed.

PRACTICAL TIPS

Regarding a fire pit inside the lavvu:

One of the advantages of the lavvu is that you can have a fire pit inside. If you are to have a fire pit inside, the lavvu should be located in an open terrain that gives you the best circulation of air and the least amount of smoke build up. In areas where the weather can be harsh and you still need to seek cover, avoid as much as possible placing your lavvu around hilly areas or on «hollow» ground. Our recommendation is that you look for an area that is as smooth and dry as possible, in close proximity to fresh water.

At times, a fire pit can develop a lot of smoke, especially when using fresh wood and before the fire has ignited properly. When everything is working properly, the lavvu isn't suppose to fill up with smoke and the layer of smoke should be at the top. Since all activity inside the lavvu happens on the ground in a seated or squatted position, this smoke will not bother anyone.

WARNING: Do not make the furnace too large!

The lavvu fabric is made of textile and will catch on fire if exposed to direct heat or the heat is turned up too high. All heating is at your own risk, therefore do not let the fire burn with a flame that reaches too high. In order to avoid an uncontrollable flame there should always be water accessible inside the lavvu. A small amount of water or a bit of snow will quickly calm the fire without putting it out.

WARNING: Do Not leave the lavvo while the fire is burning!

Be especially cautious leaving flammable things too close to the fire. Sleeping bag, shoes, mittens, socks and other types of clothing are put close to the fire to dry, remember they catch fire easily! Many lavvu's have burned to the ground through the years, mostly because they were left with the fire still going and the heat spread to hide, sleeping bags, etc. Make sure to find out if these types of losses are covered by your insurance.

Regarding cooking utensils:

In order to cook food, you need something to hang the couldron on. For the Venor Enstangslavvo, you can use a boiler jack to mount on the mid pole and you can hang couldrons over the fire for cooking. You can also use a griddle, grate, or a frying pan etc.

Regarding strong wind:

Guy-line fasteners should be used during bad weather conditions. We recommend you to use guy-lines around the whole lavvu, in this way they will have an even strain and you will keep them from wearing off. The lavvu should not be left unattended over time, heavy snowfall and strong winds can damage it.

PRACTICAL TIPS

Regarding drafty conditions:

It is not advantageous for the air circulation if the fabric is connected all the way to the ground. Warm air rises from the fire pit and there is a need for supply of outside air. If it's completely air tight around the bottom the supply of air will come from above, resulting in smoke build up (fig. 7). Allow for a few openings along the bottom to allow for a supply of air (fig. 8).

When you make an opening in the fabric like this it should be done symmetrically, for example in three places. If the air only comes in from one side it will interfere with the draft and cause the smoke to move about the lavvu. For the same reason, the door should be closed when you have the fire going. The position of the air passages in order to get the best possible draft depends on the placement in the terrain, and especially the weather conditions. For the most part finding the correct solution works out just fine, and you get better at it as you go.

Fig. 7

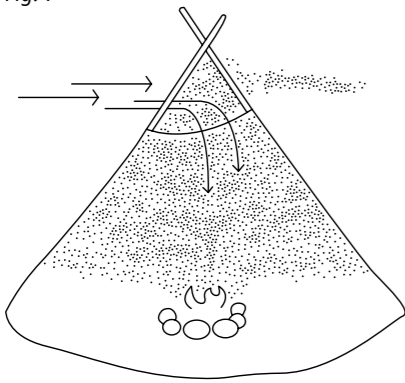
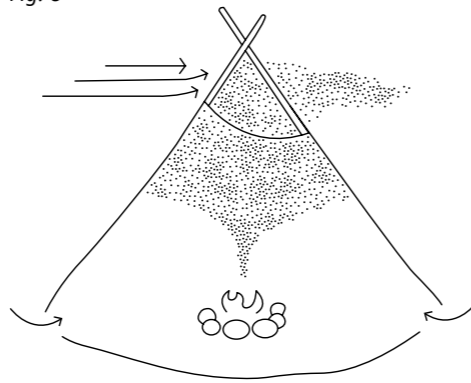


Fig. 8



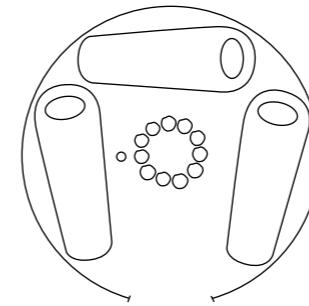
For very cold conditions

In Indre Finnmark, the temperature can dip towards -50 degrees celsius in the winter. In spite of this, people lived in lavvu's earlier, year around. This emphasizes the lavvu's abilities during difficult camping conditions. In order to be comfortable during extreme cold temperatures, an inner fabric will work as insulation.

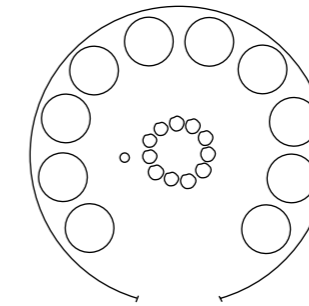
If you have a fire pit, you should use large rocks for it. When the large rocks are heated through, they will radiate a lot of heat even after the fire has gone out. Small twigs and hide on the ground will help keep the lavvu warmer. If you use a rakkas (tent for sleeping) this will also help against the cold. Body heat will to a certain extent be able to heat up the rakkas.

FURNISHING

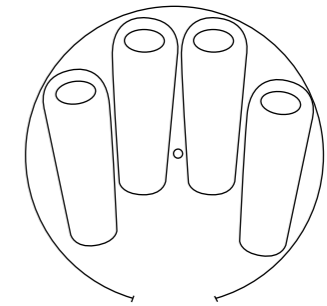
Furnishing solutions for 1-3 person lavvu:



Example with 3 sleeping bags with fire pit/furnace

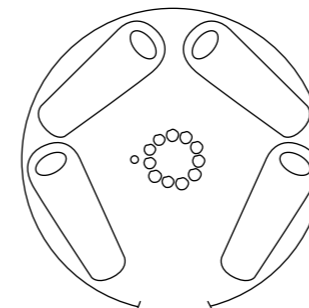


Example with seating 10

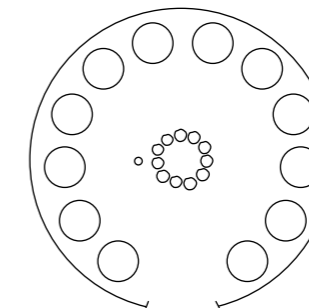


Example with 4 sleeping bags

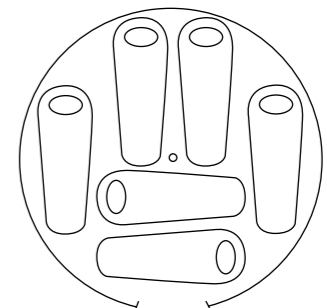
Furnishing solutions for 4-6 person lavvu



Example with 4 sleeping bags with fire pit/furnace



Example with seating 12

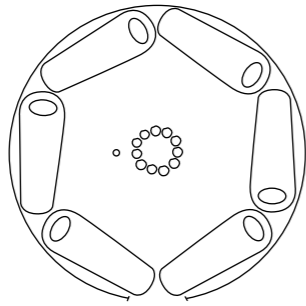


Example with 6 sleeping bags

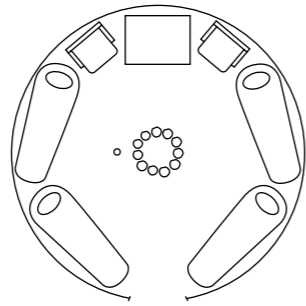
FURNISHING

Furnishing solutions for 8-10 person lavvu:

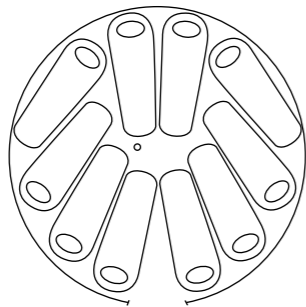
Example with 6 sleeping bags and fire pit/furnace



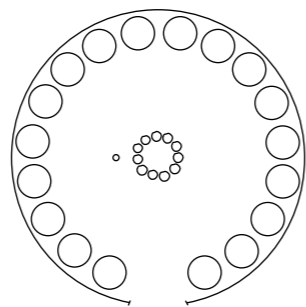
Example with 4 sleeping bags with table and + 2 chairs and fire pit/furnace



Example with 10 sleeping bags

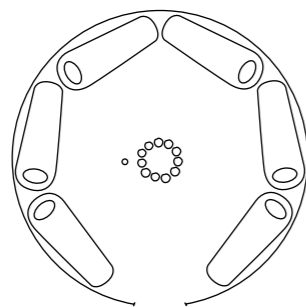


Example with seating 18

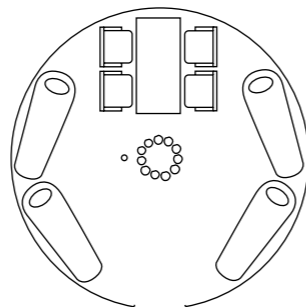


Furnishing solutions for 12-14 person lavvu:

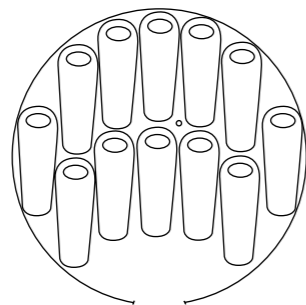
Example with 6 sleeping bags and fire pit/furnace



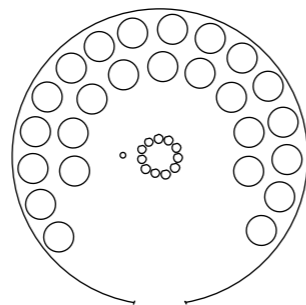
Example with 4 sleeping bags with table + 4 chairs and fire pit/furnace



Example with 12 sleeping bags

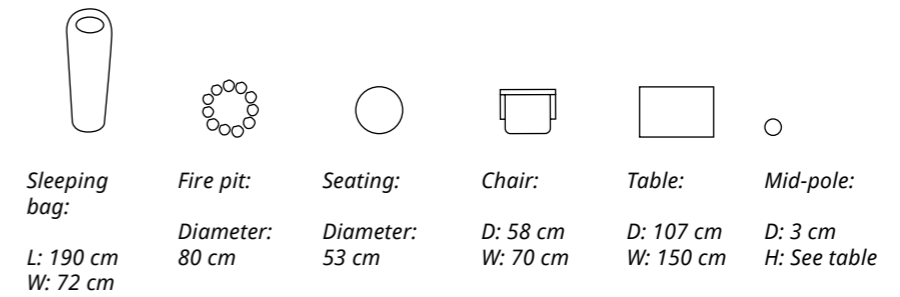


Example with 24 sleeping bags



FURNISHING

Measurement of various furnishings



DESCRIPTIONS

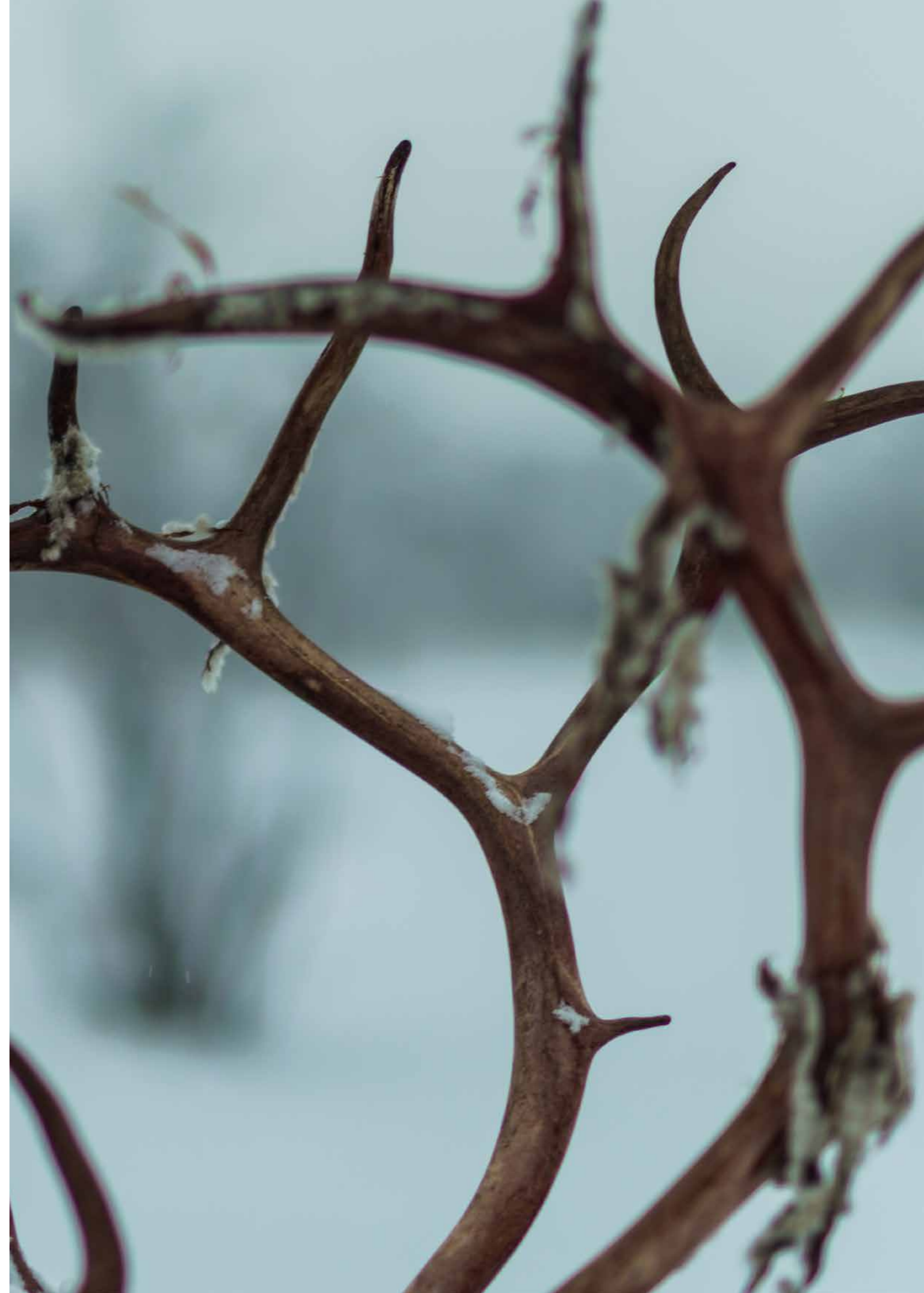
*The fabric consists of 50 % cotton / 50 % polyester.
The fabric is water proof. Weight 300 g/m2*

Size	Diameter	Floor surface area	Height (middle)	Seats
1-3	330 cm	8,55 m2	225 cm	Near 6 pers
4-6	400 cm	12,56 m2	280 cm	Near 12 pers
8-10	480 cm	18,1 m2	322 cm	Near 18 pers
12-14	530 cm	22,1 m2	356 cm	Near 24 pers

WARNING

Be aware that our products contain small parts, long strings and bags which could be a potential choking hazard for small children.

Use caution with all forms of heating. All forms of heating is at your own risk. The lavvu fabric is made of textile and flammable if exposed to direct heat or the heating is set too high. It is important to research how to use the chosen form of heating. Use caution when using open fire, gass and kerosene as a form of heating.





GOOD LUCK WITH YOUR NEW LAVVU!

Whether it's storming on the tundra, mountain or by the coast, you can rest assured that our tent fabric will keep you warm, dry and, not to mention, safe through all the seasons. The tent selections work just as well for the individual as for teams and organizations.

ARCTICLAVVO.COM