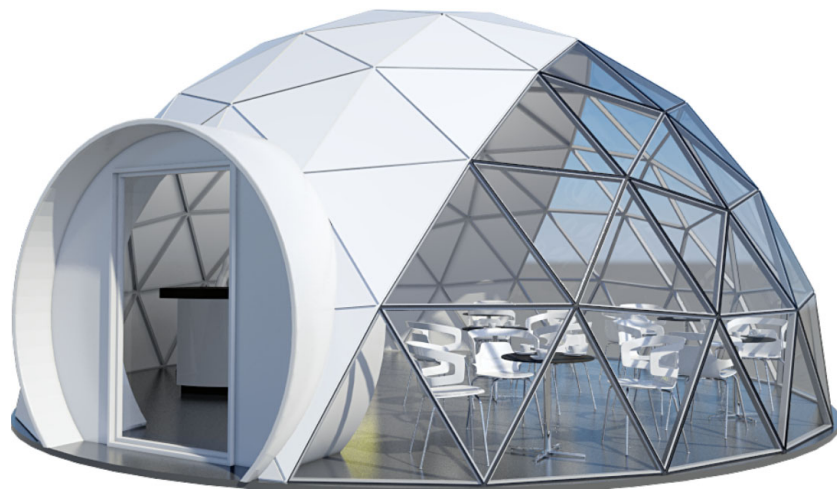




Installation Manual



**Important: Read this entire manual
before installing any dome components.**

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What's Included With Your Dome

The size and configuration of your dome will determine the parts provided. Following is an overview of what you can expect to find in your delivery.

- Parts list
- Frame assembly diagram (this will also be emailed to you)
- Struts: Struts are the metal pieces that form the frame. They are bolted together into hubs using frame bolts, washers, and nuts.
- Frame bolts, washers, and nuts
- Anchoring hardware, including L-shaped angle brackets and expansion bolts
- Cover with windows, vents, and skylights, according to your order
- Rope for anchoring the membrane cover
- Wrenches
- Caulk

Depending on your specifications, the following components may also be included:

- Soft round zip-up door
- Insulation liner with zip ties and clips
- Solar fan(s) with metal fasteners
- Solid door assembly with hardware
- Curtain brackets, rods, hardware, and curtains
- Stove vent and flashing

The following may also be useful when assembling your dome:

- Duct tape
- Colored electrical tape
- Clean tarps
- Tennis ball
- Rope
- Permanent markers
- Ratcheting socket or power wrench
- Ladders and/or scaffolding
- Scissors and/or utility knife
- Rubber mallet
- Tape measure

Setting Up Your Dome Frame

Before assembling your dome frame, it is important to read and familiarise yourself with all of the information presented in this manual. Please contact our office by email with any questions or concerns about your individual setup requirements: support@glampingdomestore.com.

General Safety

- Clearly mark and cordon off the construction site per OSHA or OH&S Canada regulations. Inspect the site and flag any potential hazards, such as sprinkler heads or gas lines.
- Always wear hard hats when working around and underneath the dome frame. Always use hearing and eye protection when operating impact wrenches. Exercise particular caution when driving the anchor stakes. The strut ends may be sharp; be careful and use work gloves to handle them.
- **Never climb on any dome frame until the entire structure is completely assembled.** Once the frame is assembled, climb on it only as necessary – struts can be slippery, especially in wet conditions. Use an approved fall protection harness if you plan to work at a height above 6 ft (2m).
- Always secure the frame completely using approved anchoring methods. Never attempt to install any cover without properly anchoring the frame first. **Failure to perform these procedures can damage the dome and may result in serious injury.**
- Good crew coordination and communication are the keys to trouble-free installation. Before beginning, clearly assign roles for each crew member. Designate one person to supervise and direct the installation. In the event of an emergency, it is critical that the entire crew respond quickly to maintain control of the frame.
- There are two methods for frame construction, depending on which size dome you are working with. The procedures that we describe below are the most effective and safest we have found. If you choose an alternative setup method, please keep safety in mind and be advised that Glamping Dome Store (hereafter referred to as "GD Store") will not be held liable for damages or injury that may occur.

Frame Assembly Overview

- You will find an assembly diagram for your dome tent in the documents attached to your delivery. The proper diagram will also be sent to your email. Before you begin any construction, make sure you are completely familiar with the frame assembly diagram. It is critical that all struts be correctly placed when constructing the frame.
- Before beginning dome installation, complete your pad or deck and install all electrical wiring and plumbing.
- Your dome package includes a parts list. This is a complete list of every part and component provided with your dome order.
- Before you begin, check the parts list and make sure all parts are accounted for. The struts are stamped with a number that correlates to the list.
- The struts are organized in bundles by like size/number. It is a good idea to open the bundles one by one and check the strut numbers. Keep each bundle of struts together; it is easy to get confused by struts that look similar, but are slightly different.
- As you assemble the frame, always check the stamps on the struts. They can be very close in length and get easily mixed up. Stage your materials in a location where they will be easily accessible during setup.
- You can avoid confusion by sorting the struts and laying them out by like size. We recommend colour-coding your strut ends using a permanent marker or electrical tape.

- Every strut is stamped at one end with a number that corresponds to the frame assembly diagram.
- Assemble the frame bolts, washers, and nuts into complete sets before beginning.
- Make sure all strut ends are bent to face inwards, towards the centre of your dome. Improperly bent struts will be more difficult to bolt together.
- After the frame structure is assembled and every hub has been tightened, we recommend you wrap each hub with duct tape. This will prevent sharp edges damaging the PVC membrane (the cover).

Struts: The Key to Your Frame



It's easy to get the struts mixed up. When you unpack them, keep them organized in their original bundles, and use electrical tape or a permanent marker to identify them.



Note that the strut ends are bent. When assembling your dome, make sure all strut ends are bent to face inwards, towards the centre of your dome. Improperly bent struts will be more difficult to bolt together.

Hub Assembly

A group of struts bolted together form a hub.



Dome hub

- For maximum strength and stability, hubs should always be assembled in the following order:
 1. Bolt head (facing out of the dome)
 2. Washer
 3. Struts
 4. Washer
 5. Nut (facing into the dome)

- Threaded end of bolts *a/ways* point toward the inside of the dome.
- **Vertical struts** will always start on the inside of a hub and end on the outside.
- **Horizontal struts** will always be sandwiched in the middle of a hub, between the vertical struts.

Tip: It is easiest to assemble hubs with two people working as a team.



Be careful to avoid pinching your fingers when using a wrench to tighten the hubs.

The angle at which you hold each strut during assembly will directly affect the amount of exposed thread surface available for installing the nut. If you are having trouble threading the nut, try adjusting the angle of the struts.

Make sure completed hubs do not pop inward during assembly. If a hub does pop, loosen the nut, push the hub back out, and retighten the nut.

Top-Down Assembly Method

For assembling small dome frames, including 13.1, 16.4, and 19.7-ft models

For smaller domes, we recommend the top-down assembly method. It does not require ladders or scaffolds, which can be dangerous and require special training and experience.

Refer to your frame assembly diagram and follow the steps below in order.

1. Start at the top of the dome and assemble the centre pentagon. Place all 5 vertical struts on one bolt. The bolt will point towards the inside of the structure with the head on the outside.
2. Add the 5 horizontal struts to complete the pentagon. Tighten the centre hub completely, but leave the other joints finger tight.
3. Lay out the next row of vertical struts, referring to the frame diagram. Loosely bolt them to the underside of each pentagon hub.
4. Have one or two people lift the pentagon while another person shifts the loose struts down into proper position. The struts may swing down on their own, so watch your fingers as you lift!
5. Add the next horizontal row, referring to the frame diagram. Leave the hubs finger tight. The frame will now support itself.
6. With the frame now resting on the ground, tighten all the hubs, including the last row of horizontal struts. **Do not climb on the dome frame until completely assembled!**
7. Lay out and loosely connect the next vertical row of struts to the bottom row of hubs. Always verify correct placement by referring to the frame diagram before proceeding to the next step.
8. Lift the frame again. Struts will usually fall into place as the frame is lifted — be sure they remain in the correct order. Make sure that the struts do not cross over each other as you set the frame back down.
9. Lay out and add the next horizontal row of struts, referring to the frame diagram. Leave each hub finger tight. The frame will again support itself.
10. With the frame now resting on the ground, fully tighten the newly completed row of hubs.
11. Repeat steps 7–10 until you reach the bottom strut row. Use proper lifting methods when raising the dome frame!
12. Lay out the last horizontal strut row and connect the last ground hubs. At this point go back and make sure every hub is tight.
13. Position the dome and prepare to anchor it to the horizontal surface.

Anchoring Your Dome

14. Use the L-shaped angle brackets provided to connect the dome frame to the horizontal surface (concrete or wood). The brackets are attached to the frame base with the hub bolts. To attach the bracket to the horizontal surface, use the expansion bolts provided: pre-drill the surface, drop the bolt in, and tighten the nut on top.



L-shaped angle bracket for mounting the frame on a horizontal surface

Base-to-Top Assembly Method

For assembling larger dome frames, including 23, 26, 29.5 and 32-ft models

We recommend the Base-to-Top assembly method only if you do not have access to mechanical lifting equipment. Since the frames for these dome tents can exceed a few hundred pounds, lifting the frame by hand to continue building the lower levels is not safe.

This method will require at least one or two 12- to 16-ft stepladders, as well as possibly needing scaffolding for the largest 32-ft dome. If you have access to mechanical lifting equipment, we recommend you always use the Top-Down method, since it eliminates the need for ladders and working above the ground.

Refer to your frame assembly diagram and follow the steps below in order.

1. Start at the base of the dome. Lay out the base horizontal struts, L-shape angle brackets, and the first vertical level struts in one big circle. Connect the struts and the brackets, leaving all bolts hand-tight around the base of the dome.
2. Lay out the next row of horizontal struts and loosely connect them to the vertical struts. At this point, tighten the base hubs. You will need two people working together, one to lift and support the structure, while another connects the struts.
3. Once the full circle is complete and the base level tightened, the structure will support itself.
4. With two people working, connect the next level of vertical struts. You will have to unbolt each hub and attach 2 vertical struts so that they become the outermost elements of each hub.
5. Refer to the frame assembly diagram, checking the numbers stamped on the struts to be certain you are assembling the correct parts.
6. Depending on the dome size, you will need to use ladders at this point to reach the hubs. Be cautious using the ladders. If using a stepladder, always have one person hold the ladder at the bottom for safety. Never stand on the top two steps of the ladder. If using extension ladders, always tie them at the top for stability. and have a person hold the ladder at the bottom.
7. Put three struts on a bolt — one horizontal and two vertical. One person should climb the ladder while another hands up the three-strut assembly. The person on the ladder always attaches the three-strut assembly so the two vertical struts are the outermost elements of the hub.
8. The second-to-last row of hubs should be tightened as you go. The last row of hubs created is always finger-tight, since you will be adding onto it and will need to adjust angles and bolts.
9. Continue following the frame assembly diagram until you reach the point where you see a five-pointed star at the top of the dome, formed by the vertical struts.
10. Attach the last horizontal row of struts.
11. Attach the last five vertical struts that come together in one point — the top of the dome.
12. Now work your way back down, retightening every hub from the top to the bottom.
13. Position the dome and prepare to anchor it to the horizontal surface.

Anchoring Your Dome

14. Use the L-shaped angle brackets provided to connect the dome frame to the horizontal surface (concrete or wood). The brackets are attached to the frame base with the hub bolts. To attach the bracket to the horizontal surface, use the expansion bolts provided: pre-drill the surface, drop the bolt in, and tighten the nut on top.

Installing the Membrane Dome Cover

Before installing your dome cover, it is important to read and familiarise yourself with all of the information in this section. Please contact our office by email with any questions or concerns about your individual setup requirements: support@glampingdomestore.com.

General Safety

- Clearly mark and cordon off the construction site per OSHA or OH&S Canada regulations.
- Always wear hard hats when working around and underneath the dome frame.
- Use approved fall protection when climbing on the frame.
- Secure the cover with approved tie-down methods. Never attempt to install a cover without first properly anchoring the frame. Failure to do so can damage the dome and may result in serious injury.
- Take the weather into account when handling the cover. It will be much heavier and harder to handle when wet. Climb the frame only when necessary — the frame tubing can be slippery, especially in wet conditions.
- Dangerous wind gusts can strike with little warning and cause damage or injury. Use caution, and do not install the cover in high winds. If weather conditions suddenly deteriorate, use your best judgment to determine whether to cancel or proceed with installation. Always try to work with the wind; this will help you maintain control and avoid damage.
- To keep the cover clean, don't let it touch the ground. Always place it on new or very clean tarps, and avoid dragging the fabric as much as possible. We recommend removing your shoes before walking on a tarp to unfold the cover.
- Good crew coordination and communication are the keys to trouble-free installation. Before beginning, clearly assign roles for each crew member. Designate one person to supervise and direct the installation from inside the frame. In the event of an emergency, it is critical that the entire crew respond quickly to maintain control of the cover.
- There are a number of different methods that can be used to install your cover. The procedure we've provided is our best and safest recommendation. If you choose an alternative setup method, please keep safety in mind, and be advised that GD Store will not be held liable for damages or injury that may occur.

Step-by-Step Instructions for Installing the Cover

- If you have not wrapped each hub with duct tape, we recommend you do so before installing the cover. This is an important step to prevent sharp edges from damaging the PVC membrane.
- If you ordered the dome insulation liner (optional), install it before the cover. Installation of the liner is explained in the next section.
- The more people you have available to install the cover, the easier and safer it will be.

Note: Some steps may be applicable only to larger dome models.

1. Before delivery, the dome cover is folded in half, rolled, and packed into a transportation bag. When you take it out of the bag, have a tarp or a clean, dry area available to unroll it. Do not stand or walk in the cover with shoes on.
2. Don't unroll and unfold the cover completely. Just unroll the cover enough to locate the door opening, then roll it back into a long, thin strip.
3. Lift the folded cover up and over the frame, setting it on top of the frame so that the door will be in the correct position. This process will require a number of people to handle the cover and maintain its position. Grasp the cover firmly to keep control.

4. Unfold the cover outwards, so that it covers half of the dome frame. Hold the cover so that it doesn't slide down the frame.
5. At the hem, near the ground, locate the centre of the top layer of fabric. Gather a section of this top layer and place a smooth, rounded object (like a tennis ball) on the fabric. Gather the fabric around the object and tie a rope securely around it. Large covers may be heavy and require two ropes.
6. Throw the rope over the top of the dome frame.
7. Depending on the size of the dome, designate some people to pull the rope and the cover while others push the cover up and over the frame.
8. Carefully pull the top layer of the cover over the frame until it's right side out and slides into position. Have several people available to adjust and guide the fabric until it slides into place.
9. Make sure window frames, vents, and other cover components don't get caught on the hubs! This is the reason we recommend duct-taping the hubs.
10. Now adjust and pull the dome cover down until all seams line up evenly with the struts.
11. Walk around and settle the dome cover, making sure it sits evenly around the base. The main cover is now in place.
12. Tie down the cover with the rope provided. Pull it as taut as possible in the area where you are working, holding the rope tight. Work in pairs around the whole structure.
13. You may notice that the cover is wrinkled when first installed and does not look exactly like the pictures. It will take about three weeks at 68F (20C) for the cover to stretch to its best appearance.
14. For best results, on a hot day, when the cover is warm and soft, go around the dome and retighten the rope. This will speed up the process and give your dome a clean, smooth geodesic look.

Installing the Dome Insulation Liner

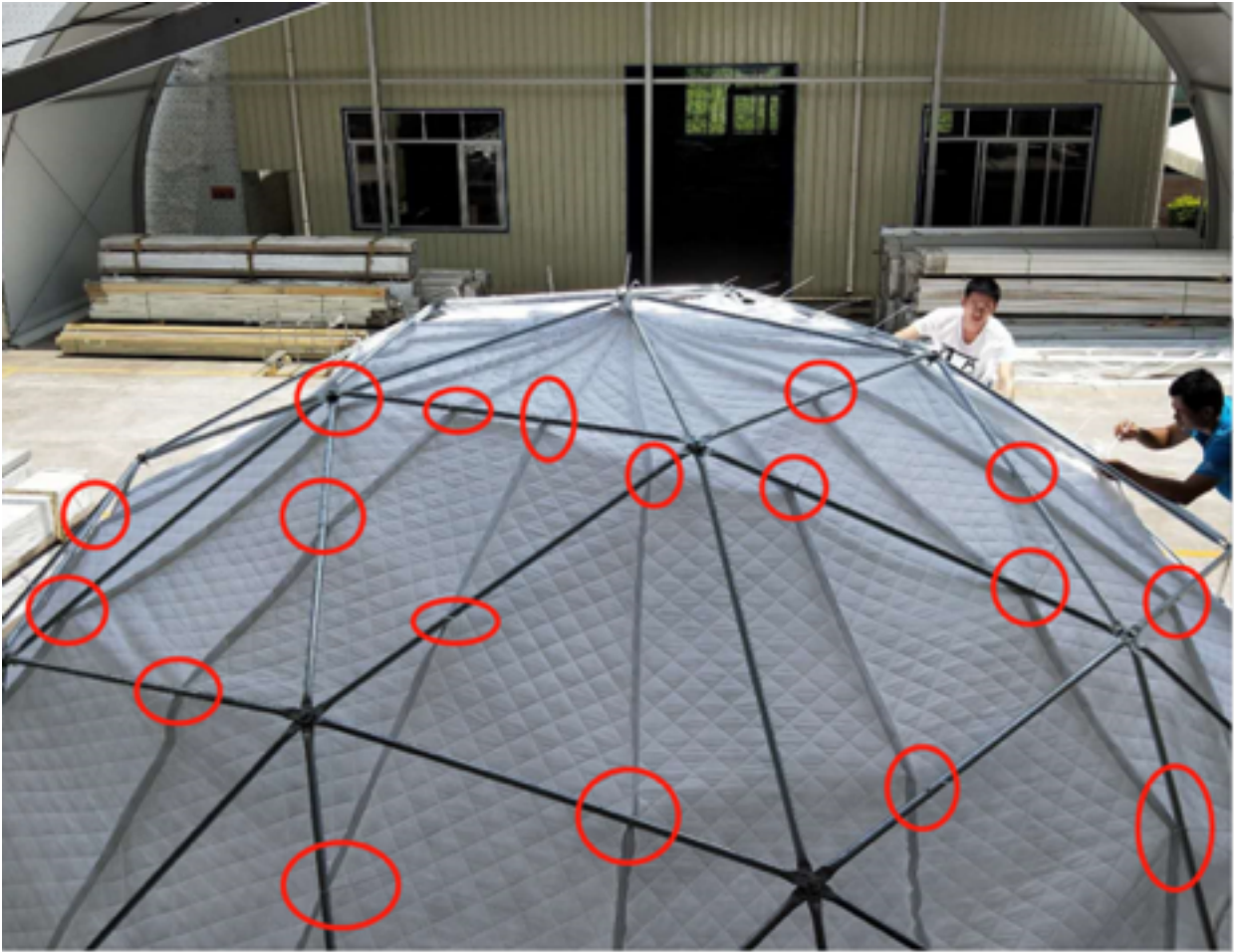
- To keep the liner clean and avoid stains, don't let it touch the ground. Always place it on new or very clean tarps, and avoid dragging the fabric as much as possible.
- **Always install the liner before the cover.**
- The insulation liner is normally designed to hang inside your dome frame. If you choose to install it between the frame and the cover, you will end up with a one- to two-inch gap around the base of the frame.
- By special request, you can specify that the insulation be installed between the frame and the dome cover. If this case, the dome cover will be cut larger to cover the frame with no gap.
- The GD Store dome insulation liner is made of 100% polyester, an extremely durable and water-resistant fabric that is lightweight and easy to install.
- The insulation liner is attached to the frame with small white zip ties (provided).



Tools and hardware included

Follow these steps to install the dome insulation liner inside the frame:

- Begin at the very top of the dome. Attach the first zip tie at the top centre hub. Attach a few more to the top pentangle of the dome and work your way down.



Zip tie positions

- Fasten each of the zip ties provided. The liner is made with perforations that allow you to fasten to each hub of the frame.
- Your insulation layer will cover 100% of your dome surface, which means that panoramic panels, skylights, round windows, and vents will not be cut out. To achieve perfect alignment of these items, we recommend that you make the cutouts after installing both the liner and the cover.
- Before you cut openings for windows and vents, install the liner clips (provided) to secure the insulation fabric to the dome frame.
- Fold the insulation around the struts and secure with the clips for a finished look around the panoramic window and other places where the cut is close to a strut.
- Other clips should be installed at any spots where the insulation is hanging low or appears baggy.
- Use fabric or tailor's scissors to cut the insulation about 1/2" (1.5cm) longer than the outline of each window. It is better to cut a bit less at first, then trim the openings to the exact size.

- If you live in a climate with extremely harsh winters or very hot summers, you can add extra insulation by inserting heat-retaining materials between the Insulation Liner and the Membrane Cover. Many options are available. We have found that double reflective insulation inserted between the liner and cover provides extremely good protection from cold and hot temperatures, and it's cost effective. It is available at most hardware or building-supply stores in a range of R-values.



Insulation liner clips

Installing the Solar Exhaust Fan

Output: 18W

Noise Level: Less than 45dB

Includes: 2m cord with manual switch, fan guard, 3m power cord.

Packed size : 26*26*13"/30 lb



Interior of solar fan, showing diameter



Side view of solar fan, showing height

Follow these steps to install the solar fan.

1. Install the fan on the side of the dome with the longest and most direct sunlight throughout the day.
2. Work from the inside of the dome, unscrew the fan lid. Be careful to only loosen the four screws on the side opposite the black clip.
3. Remove the fan guard and thread the power and switch cords as shown in the photo following.



Fan guard and lid with wires

4. Cut a small hole with scissors or a utility knife at the desired position on your cover membrane. Use a cross opening method, cutting an X or a Plus "+". The hole needs to be as small as possible, so it just barely fits the fan lid. Make your first cut about an inch smaller than the fan and try fitting it, remembering that the cover material will stretch slightly. If the lid doesn't fit, cut a little further, about 1/8" and try again. The objective is to make sure the cover is snug against the inner wall of the lid.
5. Keep the "X" flaps. Don't cut off the PVC material around the hole.
6. Use the metal fasteners provided (see photo following) to attach the lid to the frame where you created the hole. Fit the lid into the hole and then gradually tighten the fasteners, making sure the lid stays centred. Don't let it shift to one side and tear or stretch the opening in the membrane.
7. From the outside of the dome, insert the solar fan and connect it to the fan lid. Then tighten the four fan lid screws (the ones you loosened in Step 2) and seal around the cut with glass glue.
8. Undo the fan guard and pass the power and switch cords through the opening. Reattach the fan guard.
9. Use plenty of caulk around the fan lid and the cut membrane fabric.



Securing the solar fan lid to the struts with metal fasteners.

Installing Curtain Rods and Curtains

1. Use self-tapping screws to attach two rod brackets to your dome frame.
2. The groove on the bracket must face down to hold the curtain rod.



3. After attaching two brackets to the frame, attach a rod to the brackets.



4. Use the curtain connectors provided to hang your curtain on the rod.



Installing the Doors

Installing the Soft Round Zip Up Door

The Round Zip Up Door is a separate piece of fabric that attaches to the round door frame of your dome.

It's secured to the round frame by four ropes. The dome membrane cover is then adjusted to overlap the round door frame with the soft door attached to it.

Installing the Solid Door Frame

The door frame is connected to the dome frame by six bolts: two on top, two in the middle, and two at the bottom.

Follow these steps to install the door frame:

1. First, loosely connect the two top eye brackets to the dome frame with the bolts provided.
2. Next, adjust the frame so the remaining four bolts can be installed with their nuts loosely fastened.
3. Going from one bolt to the next, use a wrench to tighten them a little at a time, until all of them are tight.
4. Use a level to check the door frame and adjust the bolts as necessary.



Solid door frame

Porthole Window Installation

1. Unscrew the 4 bolts holding the window hinge to the base and the screw that holds the telescopic rod. You should be able to get the window off the base.
2. Store the glass window in a safe spot where there is no chance to break it.
3. Find the spot where you like to install the window between the struts of the frame.
4. Loosen up the tension rope at the bottom of the dome frame that holds the cover. Cover must not be under tension.
5. Unscrew the 8 bolts around the base using flathead screwdriver and separate the base.
6. Now the exterior piece must be taken outside and the interior piece must stay inside.
7. With the help of a partner, bring the pieces together, one from outside and another from the inside of the cover.
8. Once they are connected punch holes in the cover where the 8 bolts must connect the 2 pieces.
9. Screw in the bolts tight.



**8 BASE SCREWS, 4 HINGE SCREWS,
TELESCOPIC ROD**

10. There are 3 pipes that will connect and secure the window base to the dome frame.



FRAME CONNECTIONS PIPES

11. Connect the pipes to the window base with screws and then connect to the 3 closest hubs. You have to undo the hub bolts and connect the window pipes. Make sure all connection screws and bolts are tight.



PORTHOLE WINDOW FINISHED LOOK

12. Now you can cut the cover fabric to the shape of the round window using a utility knife.

13. After the opening is cut, you can bring out the glass part of the window.

14. Connect the telescopic rod and hinge of the window.

15. Use plenty of caulking around the base of the window where it meets with fabric.

Care and Maintenance of Your Glamping Dome

- Keep your dome cover clean! Even on mildew-resistant fabric, mildew can grow on accumulated dirt or foreign materials on the top or bottom surface, eventually causing damage and staining the fabric. GD Store cannot be responsible for such damage.
- Hose down your cover with clean water every month or two. We recommend that you do this on a hot, sunny day.
- Wash your dome cover if it becomes dirty. Use mild soap and a cloth or soft brush if necessary. Be gentle, and make sure to rinse thoroughly and immediately.
- Do not wash your dome cover with harsh or concentrated cleaners. Do not scrub vigorously with abrasive cleansers. This can damage the fabric.
- Do not scrub your bay window or panoramic panel — any dust or dirt can scratch the clear vinyl. To clean, thoroughly rinse the window with water, then wipe it with a soft cloth and Windex. Always wipe using a horizontal motion; it's the best way to camouflage scratches.
- To remove minor scratches and hazing on your bay window, use a restorative product such as Diamondite. For best results, follow manufacturer's directions for use.
- Keep shrubbery and vines away from the dome cover, as many bushes contain an acid that can be harmful to the fabric.
- Do not allow water or snow to stand on the dome cover. This can cause pocketing and possible stretching of the fabric.
- Do not overlook small rips or tears. If a sharp object punctures the fabric, repair it immediately to prevent further damage.
- Your dome frame is made of corrosion resistant galvanized steel. However, the ends of the pipes and the holes for the bolts were drilled after the galvanization process, so minor oxidation is possible in these areas. If you notice any rust forming on your dome frame, treat it immediately with a steel brush and apply metal preservative.

Storage

- Do not store the dome cover damp or wet. Mildew can grow on any damp surface and may permanently stain the fabric.
- Do not store the dome cover in freezing temperatures, as the clear window vinyl may become brittle. This can cause damage, especially when it's moved.
- Always store the frame and cover off the ground to prevent moisture and rodent damage, which can lead to frame rust and fabric rot.

Repair

- For small holes in your fabric or clear vinyl, use a dab of clear silicone caulk on both sides of the fabric.
- For larger rips or tears, apply Tear-Aid fabric repair tape to both the inside and outside. Burnish the tape into the fabric to make a watertight seal.
- Bent frame struts can be bent back into position and reused, as long as the tubing has not been creased.
- Replacement struts can be ordered from GD Store.
- In the event of major damage, please contact GD Store by email: support@glampingdomestore.com.

Waterproofing

- Once your dome is fully assembled, test it for leaks by thoroughly hosing it down or waiting for a heavy rain before moving valuables inside.
- GD Store is not responsible for water damage to property inside the dome. At GD Store, we work very hard to make your dome completely watertight. We use fabrics that are water repellent and apply hot tape over all dome stitching to ensure a watertight seal.
- Use caulking on any trouble spots. Caulk the outside lip around the top half of the round windows and the lip above the door if necessary. The outside double row of stitching around the bay window may need caulking as well.

Mildew Prevention and Treatment

- To prevent mildew, keep your dome well-ventilated and dry. In extremely humid climates, where mildew is an issue, a dehumidifier will prevent mildew.
- Keeping your dome clean is essential. When storing your dome, make sure it is clean and dry.
- Mildew Treatment: Sponge any mildew areas with a strong bleach solution (one part bleach to four parts water). Wear gloves and make sure your dome is well-ventilated to avoid inhaling dangerous fumes. Mildew will turn pale when it dies.

Weather Considerations

Snow

If you live in an area with heavy snowfall, we recommend that you have your dome frame engineered to meet your county's snow load requirements. If your dome has not been engineered, you should always knock the snow off before there six inches accumulate. Use a flat surface, such as the end of a push broom, so you don't puncture the frozen fabric.

You can also place a support pole at the centre of the dome, if you are expecting heavy snow loads. Beware of heavy snow falling from tree limbs. We recommend that you do not leave your dome unattended over a winter of heavy snowfall.

Heating your dome may also help melt snow on the membrane and prevent accumulation.

Hail

Your dome will have no problem shedding small hail without any damage to the cover. If you live in an area where you get baseball-sized hail, let us know. You may want to consider a more solid roof.

Extreme Winds

Our domes are designed to handle extreme winds, but it is important to properly secure your dome to the ground if you live in an area with extreme winds. Please contact us if you think your dome may require additional anchoring.

If winds above 100 km/h (65 mph) are expected, we recommend removing the cover from the frame and storing it until the storm is over.

Lightning

If lightning is a concern in your area, ground your dome frame with a lightning rod. It is important to ground your dome, because it attracts stray electromagnetic current, such as radio and cell phone waves. This energy is delivered into the Earth when the dome is grounded, creating a “clear” field inside the dome, free from stray electromagnetic energy. It will also protect you from damage caused by lightning.

If you live in an area with frequent lightning, you may need two grounding rods. Attach a line of thick (#6 or #8 gauge), coated, copper wire from one of your bottom hubs to a 7 ft-long copper grounding rod that has been driven vertically into the earth. If you are located in a rocky area, you may have to bury the rod horizontally. You can purchase a copper grounding rod from your local hardware store for less than \$20.

Floods

To protect your dome from floods, you can build an elevated deck. Be sure the footings are well cemented. Do not build the deck on the side of a cliff or mountain that can wash away in a flood.

Earthquakes

Your dome is a very safe structure during an earthquake. If you live in a seismically active area, build your deck with a strong foundation. Do not hang anything from the frame that could fall and hurt you if the dome is shaking.

Extreme Sun

In most climates, the ventilation provided using screened areas and vents will keep your dome at a comfortable temperature. In extremely warm climates, a solar fan may be necessary. In climates where rain is intermittent and water can blow into the screened areas, the solar fan will exhaust hot air without allowing rain to enter. Solar fans are available from GD Store.

Extreme Cold

Using a heat source with a fan and a vent creates airflow to circulate the heat. Combined with an insulated liner, this can keep you warm in sub-zero temperatures. A stove cap and flashing for venting is provided with each wood-burning stove set. Optional insulated liners are available for all domes.

Heavy Rain

Your dome should have no problems withstanding heavy rain.

Condensation

Condensation occurs when warm, moist air meets a cold surface. The amount of condensation you experience will depend on how moist the air is and how cold the surface of the dome is.

In a dome with cold outside walls, when the temperature falls below the dew point temperature, condensation is normal. It usually occurs in the winter, because the dome cover is cold and windows are opened less frequently, so the moist air cannot escape. Cooking and water use inside the dome can increase condensation.

Following are some ways to reduce or prevent condensation in your dome:

- Airflow helps prevent condensation. Use a fan inside your dome.
- Ventilation allows moist air to escape.
- Use dry heat, such as a wood stove.
- Use a dehumidifier in extremely humid conditions.
- Install a ventilation hood over your cooking area.

Limited Warranty

Glamping Dome Store, hereafter referred to as "GD Store," warrants its products against defects in materials and workmanship for ninety (90) calendar days from the date the product is delivered. In case of defect, GD Store, at its sole option, shall repair or replace the product. GD Store further warrants that covers will not excessively degrade from exposure under normal conditions for 18 months from day of purchase. A cover has degraded excessively if it exhibits fading or loss of strength to the extent that the product cannot be used under normal conditions.

This limited warranty does not cover any defect due to: modification or alteration of the product; use not in accordance with product manuals; neglect, misuse, accident, abuse or vandalism; unauthorized or improperly performed repairs; improper assembly, installation or disassembly; improper maintenance or unusual physical stress; improper storage; extreme weather conditions; acts of God; and wear and tear to vinyl cover that may occur during assembly or disassembly of the product.

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Warranty Service

To obtain warranty service, you must request a Return Material Authorization ("RMA") number by contacting GD Store via email: support@glampingdomestore.com

Within 5 business days after receiving the RMA, you must package the product in its original packing material or an equivalent substitute and display the RMA number clearly on the outside of the package. You must return the product to the designated GD Store facility freight prepaid and properly insured at your expense. You bear the sole risk of loss for damage that occurs during shipping. GD Store, at its sole option, will either repair the product with new or used parts of the same quality or replace the non-conforming product. GD Store will pay the cost of shipping the repaired or replacement product to you.

Permitting

In regards to building permits and codes for geodesic domes, every state, province, city and county has their own. It is your responsibility to contact your local building department and see how they interpret your dome and how the codes apply. A dome is generally considered a "temporary" structure, which may give you some flexibility. We will assist you by providing any requested data that we possess for the structure.



www.glampingdomestore.com

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