

Hard Cover and Cover Lifter Installation Guide

Hard Cover Installation



1. Position the spa cover on the spa, ensuring that the spa skirt is smooth and not folded in any location.
2. Pull the spa strap tightly downward, then press the buckle against the spa cabinet.
3. Whilst holding the buckle against the cabinet, release the top strap from the buckle by pressing the sides and unclipping. Mark the three mounting locations where you will screw the base of the buckle onto the cabinet.
4. Use the supplied screws to secure the base of the buckle onto the cabinet.
5. Repeat steps two-four for the remaining straps.
6. You should now be able to tightly and safely secure your spa cover to the cabinet.

Cover Care



- + Avoid exposing the cover to excessive chemicals. Always remove the cover when adding your spa chemicals. Any texture change or extreme discolouration of the base material indicates a chemical burn.
- + Use a mild detergent and water solution to clean the vinyl portion monthly. Keep the cover clean and free of dirt and debris to avoid colour leaching.
- + Avoid water and snow from accumulating. These can cause the cover to sag and become water-logged, which will deteriorate the cover.
- + Avoid scraping the cover on rough surfaces. Avoid jerking or pulling the cover, especially when vinyl is soft from heat, to prevent threads from tearing the vinyl.
- + Always unfasten all hardware before opening the cover. Gently fold down the cover onto itself.
- + Do not sit, walk, or lay on the spa cover. Avoid placing any heavy objects on the cover.

Cover Lifter Installation

Before Starting

- + You will need a drill and a tape measure.
- + Please ensure all parts listed are present in preparation for the assembly of your cover lifter.
- + All left-to-right instructions are from standing in front of the spa.
- + Ensure your spa is placed onto a level surface, such as a concrete pad or load-checked decking.
- + Ensure you have the necessary clearances for your cover lifter as set out in your spa manual.
- + Ensure your cover is placed properly on your spa, centred and without folds in the cover skirt.

Parts List

 2 x Base Bracket	 4 x Straight Coupler Tube
 2 x Bent Arm without Foam	 2x Bent Arm with Foam
 38 x 3/4" Black Tek Screw	 38 x Black PVC Push Cap
 1 x Phillips Diver	 1 x 1/8" Drill Bit
 16 x 1" Metal Screw	 2 x Cover Saver 2 x Velcro Patch
 2 x Nylon Pivot Strap	

Instructions

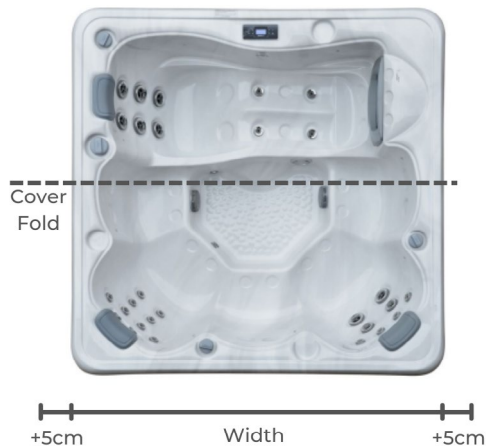


Figure 1.

Step 1.

The cover lifter must be assembled to the dimensions of your spa.

If your spa is square, you can choose the orientation of your cover and the side on which you install the lifter.

The framing tubes are slidable. Use your spa dimensions and add 5cm on each side to allow space for movement, as indicated by the table below. This is explained further in step 5.

Note, If your spa is rectangular, install the cover lifter on the shortest side (the width).

Spa Pool Model	Spa Pool Dimensions (length x width x depth)	Total Cover Lifter Width
Rosa	2m x 1.64m x 0.82m	164cm + 10cm = 174cm
Juno	2m x 2m x 0.73m	200cm + 10cm = 210cm
Lunar	Ø1.98m x 0.92m	N/A (specialty cover lifter required)
Ceres	2m x 1.64m x 0.82	164cm + 10cm = 174cm
Venus	2m x 1.74m x 0.82m	1.74cm + 10cm = 184cm
Aquila I	2m x 2m x 0.82	200cm + 10cm = 210cm
Aquila II	2m x 2m x 0.82	200cm + 10cm = 210cm
Jupiter	2m x 2m x 0.82	200cm + 10cm = 210cm
Orion	2.12m x 2.12m x 0.92m	212cm + 10cm = 222cm
Hydra	2.18m x 2.18m x 0.92m	2.18cm + 10cm = 228cm
Capella	2m x 1.74m x 0.82m	1.74cm + 10cm = 184cm
Draco I	2m x 2m x 0.82	200cm + 10cm = 210cm
Draco II	2m x 2m x 0.82	200cm + 10cm = 210cm
Ara I	2m x 2m x 0.82	200cm + 10cm = 210cm
Ara II	2m x 2m x 0.82	200cm + 10cm = 210cm
Lyra	2.12m 2.12m x 0.92m	212cm + 10cm = 222cm
Andromeda	2.3m x 2.3m x 0.92m	230cm + 10cm = 240cm
Columba	2.18m x 2.18m x 0.95m	2.18cm + 10cm = 228cm
Solarium	2.18m x 2.18m x 0.95m	2.18cm + 10cm = 228cm



Figure 2.

Step 2.

Place the **base brackets** on the ground with the flat side facing the spa. You can either slide them under the base of the spa or prop your empty spa up slightly.

Note, it does not matter exactly where they are placed, as long as they are square to the spa, as a tube will go through them.



Straight Coupler Tube

Figure 3.

Step 3.

Place one **straight coupler tube** between the two brackets.

Step 4.

It is optional to screw the base brackets to the base of the spa from within the cabinetry, or onto decking (if placing the spa on a deck). However, the weight of the spa once filled with water will be sufficient to hold the bracket securely. Use the **metal screws** if you plan to permanently secure it.



Bent Arm Without Foam

Figure 4.

Step 5.

Place the **bent arm without foam** through the tubular hole (circular part on the bracket).

Important:

- + If the width **is less than 2m**, connect the **short ends** to the straight coupler.
- + If the width **is 2m or more**, connect the **long ends** to the straight coupler.



Total length: Spa width + 10cm

Figure 5.

Step 6.

Once you have connected the **bent arm without foam** to the **straight coupler tube**, ensure that the length corresponds to your spa model (see the chart in step 1) by sliding the tubes to the appropriate length.

The spa pictured is 2m x 2m, so the long ends are shown to be connected to the straight coupler.



Figure 6. Straight Coupler Tube

Step 7.

Place another **straight coupler tube** to the other end of the **bent arm without foam** on the right and the left. You can keep them lying flat on the ground for now.



Side Straight Coupler Tube

Nylon Strap Bracket

Step 8.

Slide **nylon pivot straps** over each of the **straight coupler tubes** on each side.

Ensure that the bracket is facing the spa on each side. You will attach this to the side of the spa in step 16.

Figure 7.

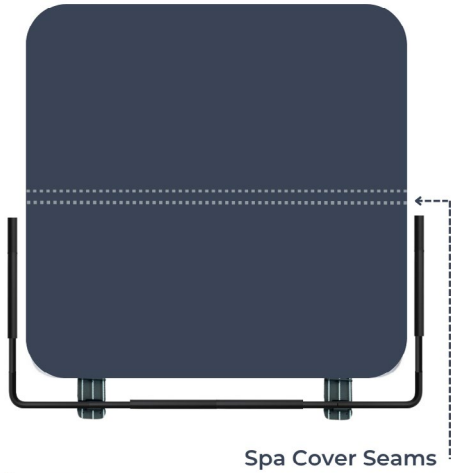


Figure 8.

Step 9.

Ensure the cover is closed and is square on the spa.

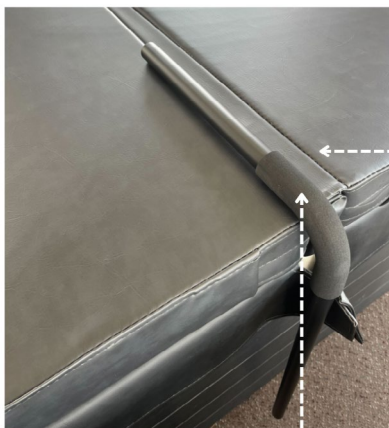


Figure 9.

Bent Arm with Foam

Spa Cover Seams

Step 10.

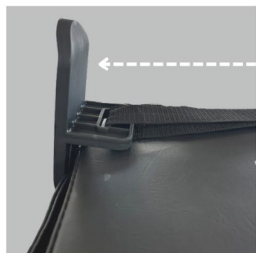
Place **bent arms with foam** in front of the centre seam of the cover as shown. Do this for the left and right side.

Important:

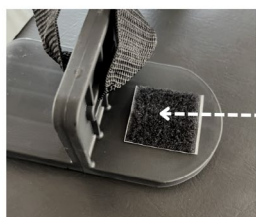
- + If the length of the face parallel to the cover **is less than 2m**, place the short ends on the seam of the spa.
- + If the length of the face parallel to the cover **is 2m or more**, place the long ends on the seam of the spa.



Cover Saver



Curved Lip



Velcro Patch

Figure 10.

Step 11.

Loop the **cover saver strap** over the top horizontal section of the straight arm with foam as shown.

Ensure the curved lip of the end bracket is facing upwards.

Use the **velcro patch** to attach the bracket to the spa cover.

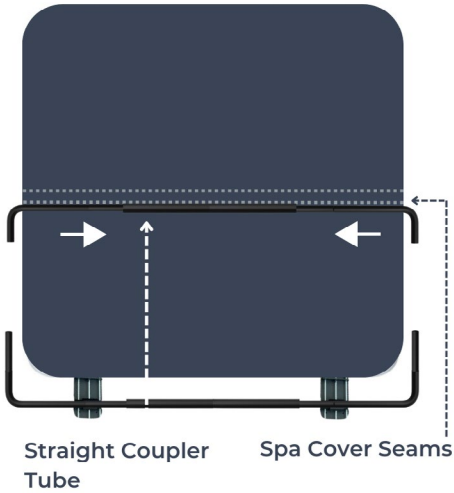


Figure 11.

Step 12.

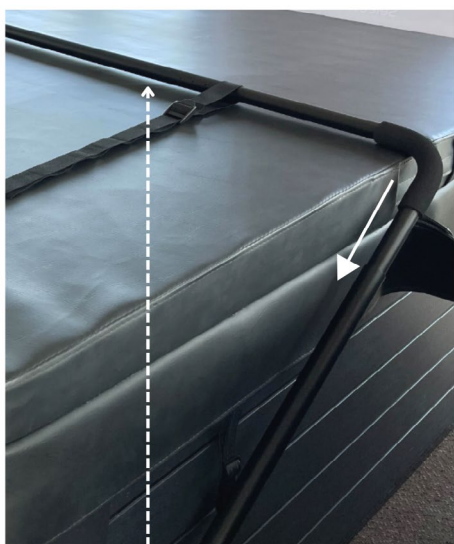
Use the last **straight coupler tube** to connect the two bent arms.



Figure 12.

Step 13.

The white dotted arrow demonstrates the importance of the 5cm allowance space for the cover lifter to move without damaging the spa cover.



Side Straight Coupler

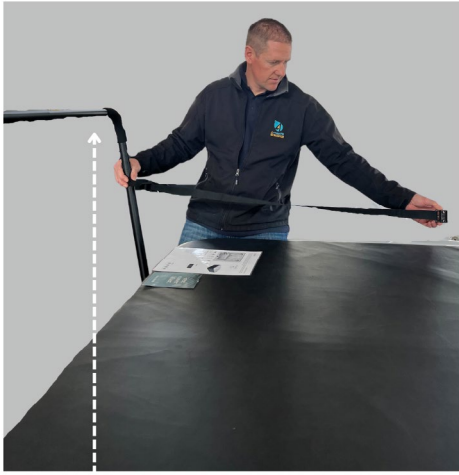
Figure 13.

Step 14.

Slide the long ends of the **bent arms with foam** into the side **straight coupler tubes**. Now the four bent arms and the four straight coupler tubes make up a square frame. Ensure that the straight coupler is centred slightly forward of the cover seam.

Step 15.

Screw all four **straight couplers** using the $\frac{3}{4}$ " **black tek screw**. There are six per coupler. There are three holes on each end of the couplers. Once you have aligned everything perfectly, use the hole as a guide to drill a hole through to the inner tube. They are smaller than the screws, but a drill will drive the screws through.



Assembled frame in upright position

Figure 14.

Step 16.

Lift the assembled cover lifter frame into the upright position, approximately at 20 degrees. Stretch the **nylon strap** towards the centre of the spa. Secure it near the top of the cabinet by using the **1" metal screw** provided. Repeat on the other side.

Step 17.

Install **black PVC push caps** on each of the screw heads.

Step 18.

Fasten the strap onto the side coupler bar using the **¾" black tek screw** provided.

Step 19.

The cover lifter is now installed and ready to use.