

MEASURING FOR A SPA COVER

Your new cover will be made to the dimensions you provide. Since you are responsible for accurate measurements, we strongly encourage you to use a tape measure and measure twice to be sure of your figures. Dimensions are best taken for the spa itself, not the old cover. If your old cover fit correctly, compare your measurements to those of your old cover for verification.

Before You Begin

Tools Needed

Carpenter Square
Measuring tape

Spa Configuration

Determine the configuration of your particular spa. The configuration of your spa will dictate the measuring points for your spa. See Section II.

Spa Shape

The shape of your spa will also determine your measurements. The rounded-corner rectangle shape is used throughout this guide; however, be sure to review Section III to determine your spa's shape.

Spa Measurement

Radius – If your spa features curved corners, you will need to measure the radius of those corners. We recommend that you use a carpenter's square. See Section I on measuring a radius. Radius figures are rounded down to the nearest inch.

Length/Width - Length and width measurements are taken in inches and are rounded up to the nearest ½". When measuring the length and width, allow for a little overlap (½" – 1" more for the overall length and width). A spa cover that is a little larger than the acrylic shell will work just fine, but a cover that is too small will be tight or may not fit at all.

Cut-Outs - Make sure that you document and inform us if your spa has a handrail or other protrusions above the rim. This will result in the need for a cutout, flap, or hood to make the cover work properly.

Note: Covers over 96" length or width are considered oversize and incur additional costs.

I. Measuring Radius of a Rounded Corner

If your spa features rounded corners, you will need to factor the radius of the corners into your dimensions. Here's how:

1. Measure the overall width A.
2. Measure the overall length B.
3. Determine the radius "C" as shown in Figure 1 below.
 - a. Place a carpenter's square on the outside corner of the spa. The distance between the square's inside corner (X) and the point where it first touches the spa (Y) equals the radius of the spa's curved corner (as represented by the red shaded area shown below)
 - b. Round your radius measurement **down**, to the nearest inch. A smaller radius will always fit your spa – a radius figure that is too large may fit tight, or may not fit at all.

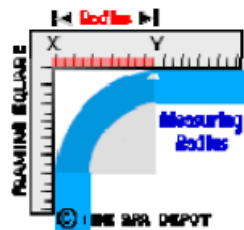


Figure 1a. Measuring the radius of a curve.

4. Determine the hinge-fold. It is the same length as measurement "A".
Measurements "A" and "B" are in inches, rounded up to the nearest 1/2".

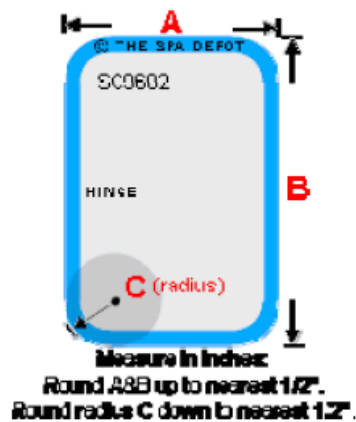


Figure 1b.

II. Determining Spa Configuration

Spas are built in different shapes and sizes. They are also built in different configurations. There are at least 4 basic configurations as follows:

- A. Spa cabinets with a wooden-edge rim
- B. Spa cabinets with the acrylic shell overhanging the cabinet
- C. Inset acrylic spas
- D. In-ground custom gunite Spas

A. Spa Cabinet with Wooden-Edge Rim



Figure 2. Measuring spa configuration with cabinet and wooden-edge trim

This spa configuration consists of a wooden edge surrounding the outside of the acrylic shell lip. You have a choice as to how your spa cover fits:

Choice X - Skirt conceals only the acrylic shell lip and sits on top the wooden edge.

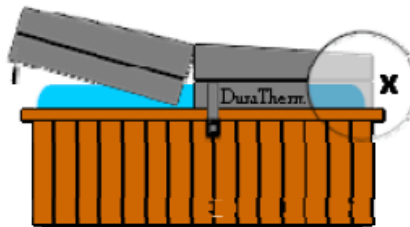


Figure 3. Spa cover fits shell.

1. If you prefer your spa cover skirt to sit on top of the wooden edge, measure the length/width of the acrylic shell.
2. Then, measure skirt length. This is done by measuring the height from which the shell protrudes from the cabinet, as illustrated for X in Figure 3 above.

Make skirt length (X) about $\frac{1}{4}$ " - $\frac{1}{2}$ " shorter than the distance from the top of the spa shell to the top of the wooden edge rim, so that the skirt does not bunch up against

the wooden edge of the spa cabinet. This will allow the cover to seat properly against the shell.

Choice Y - Skirt conceals shell lip and overhangs the wooden cabinet edge rim.

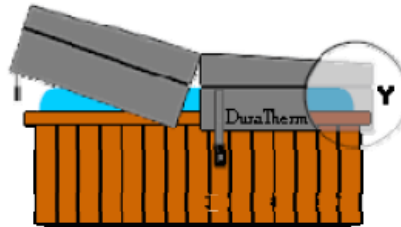


Figure 4. Spa cover fits cabinet.

1. If you prefer to have your spa cover's skirt overhang the wooden edge, then measure the length/width of the cabinet (see Figure 2 above). This makes a slightly larger cover than example X.
2. Determine the skirt length so it is long enough to cover the wooden edge, as shown in the Figure 4 above. To do this, measure from the top of the spa shell to the bottom of the wooden edge rim, as shown in Skirt Overhang in Figure 2.

B. Spa Shell Overhangs Spa Cabinet

Many spas are made as shown in Figure 5 below. The acrylic shell lip slightly overhangs the spa cabinet.

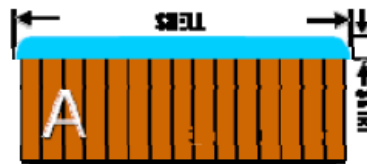


Figure 5. Spa shell overhangs cabinet.

1. Measure the length/width of the cabinet (see Figure 2 above).
2. Then, determine the skirt length so it is long enough to cover the lip of the shell, as shown in the Figure 4 above. To do this, measure from the top of the spa shell to the bottom of the spa shell, as shown in Figure 5 above. A 3" cover skirt length is normally ideal; however, you can specify any length you require.

C. Inset Acrylic Spa

If your spa's acrylic shell is set directly into a wooden deck or built into a concrete surface, it should resemble Figure 6a below:

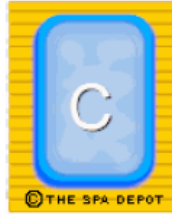


Figure 6a. Acrylic spa shell built into deck.

1. Determine the outside overall measurements of the spa shell's length and width.

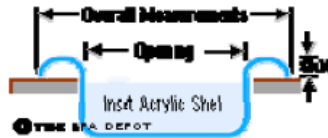


Figure 6b. Measuring acrylic spa shell built into deck

2. Then, determine the skirt length by measuring the height from which the shell protrudes from the deck.
3. Make the skirt length about $\frac{1}{2}$ " shorter than the distance from the top of the spa shell to the top of the deck, so that it does not bunch up against the deck surface.

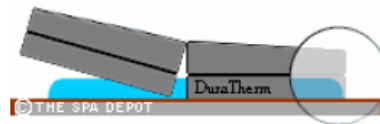


Figure 6c. Skirt length for acrylic spa shell built into deck

D. In-ground Gunite Spa

This type of in-ground spa is constructed similar to the Figure 7 below. These spas typically have no edge rim, in which case the cover should be made without a skirt.



Figure 7a. In-ground gunite spa measurement

1. Determine the outside overall measurements of the spa shell's length and width.
2. Add at 6" to 8" to the overall opening dimensions (length and width) so the cover will be supported properly and extend past the spa opening at least 3" to 4" on all sides (see Figure 7a above).

Example: the spa opening measures 70"x 80"; the cover order would be for 78"x 88".

This type of cover is typically ordered without a skirt (see Figure 7b below).



Figure 7b.

III. Spa Shape

The rounded-square shape is the example used throughout this instruction booklet; however, you may have a spa shaped differently. Below illustrates other various shapes and how to measure them. Remember, you must also take your spa configuration into account while measuring.

Round

Measure the diameter across the spa.

Elliptical

Measure the overall width of A and width of B. Round up to the nearest $\frac{1}{2}$ "

Equal-Sided Octagon

Measure the overall width of A and the sides B. Round up to the nearest $\frac{1}{2}$ ".

Hexagon

One-Cut Corner

Measure the overall width of A, and sides B, C, D, & E. Round up to the nearest $\frac{1}{2}$ ".

Two-Cut Corners

Measure the overall width of A, and sides B, C, D, & E. Round up to the nearest $\frac{1}{2}$ ".

Four-Cut Corners

Measure the overall width of A and the overall length of B (do not include the distance between the cut corners). Measure the corner length C.