

SUNHAVEN ALUMINUM PRODUCTS

"W" PAN PATIO COVER INSTALLATION INSTRUCTIONS

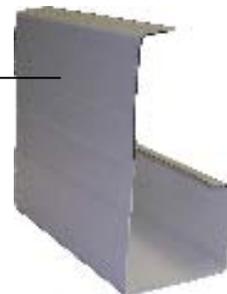
IT IS IMPORTANT TO FAMILIARIZE YOURSELF WITH PATIO COVER COMPONENTS BEFORE YOU START.

BEFORE YOU START INSTALLATION, DETERMINE IF YOU NEED TO BUILD THE PATIO COVER IN THE AIR OR ON THE GROUND AND LIFT INTO PLACE.

IN AIR INSTALLATION:

1) Determine if a fascia splice needs to be installed, most patio cover's under 20' in width will come with (1) piece fascia for front and back. Fascia splice requires four screws on each side of front fascia and two on inside of each fascia. CAULK TO PREVENT LEAKING.

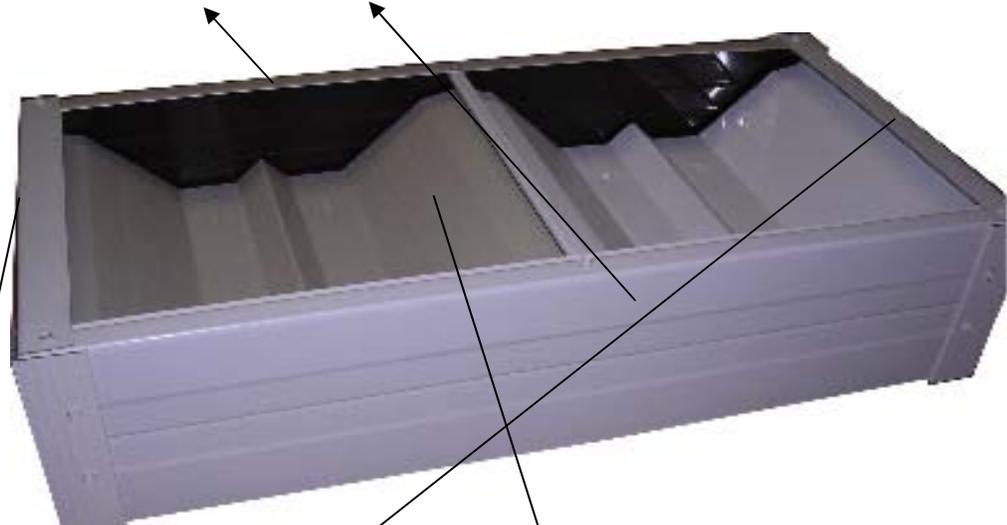
FRONT AND REAR GUTTER FASCIA



"G" Fascia

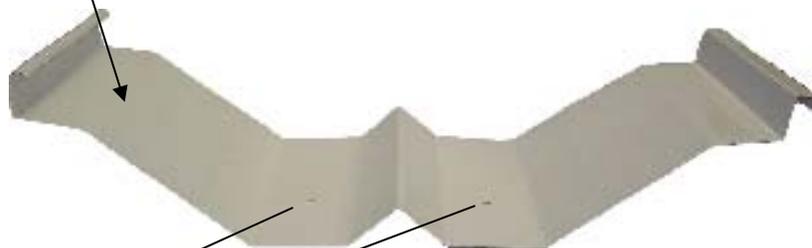


LAGS AND WASHERS FOR REAR FASCIA



Side "C" Fascias

W-Pans 12" On Center O.C.



1/2" TEC SCREW



FLASHING



AWNING CORNER



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"W" PAN PATIO COVER INSTALLATION INSTRUCTIONS

Determine exact location of the slab or deck for the proper mounting location on the fascia or wall.

This particular application is for a Fascia mounted patio cover, the instructions will work for a wall mount as well.

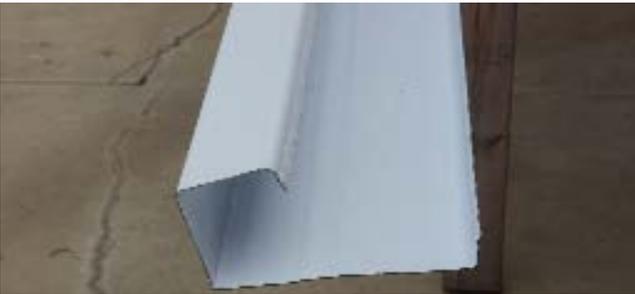


Cut the existing house gutter and cap each end with a left and right gutter cap. then mark the rafter tails, or studs (for wall mount)

this is where the cover will be lagged.

Allow 3/8" on each side of the capped house gutter to allow room for the new cover to fit between.

LAYING OUT THE FRAME WORK



There is a front and rear "G" Fascia and 2 side "C" Fascias
G and C come from the shape of the fascia, if your cover has G fascia all the way around see separate notching instructions.



Assemble the frame which consist of the G and C Fascias



Install a 1/2" Tec Screw in the top and bottom of the of each corner.



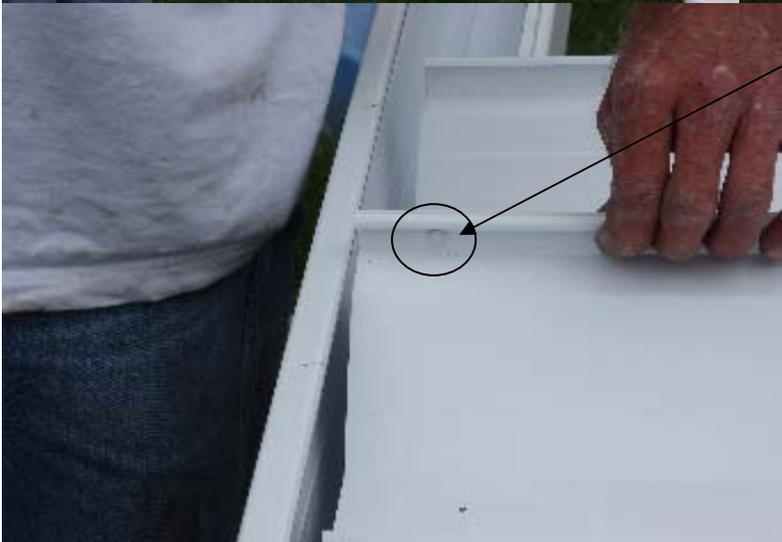
Scribe pencil mark in groove of gutter to help see thru pan holes for when they get screwed on later.



Square the awning by crisscrossing your tape from corner to corner
Place support beam inside the frame with solid side up and legs down, place at appox location, it will be screwed in later.

INSTALLING THE W-PANS

The pans are installed 12" O.C. Put a pencil mark every 12" all the way down the front and rear (house side) "G" fascia. Start on the right side and install the first pan with the MALE interlock to the left (do not screw). Lift the left edge of that pan, lock and slide the second pan flush to the rear of the first, slide both pans to the right.



After pans are aligned shoot a 1/2" Tec Screw roughly 1 1/2" in thru both interlock lips (shown on the Left). Repeat for 2 more pans. Squeeze pans until the 4th pan lines up with the 4th 12" pencil mark on the fascia. Then line up pre-punched holes with the scribed pencil mark on the gutter lip, screw 1 screw in the first **3 pans** front and rear, also screw the top of the fascia lip down to the top of the interlock on the pans. See very bottom picture. Repeat to the very last pan.



Repeat the steps above until you get to the last pan...



Caulk only the front corners NOT the rear (Unless you are put "G" Fascia on all 4 sides)



Remove top screws in the left hand corners and separate enough for the last pan to slip down into place.



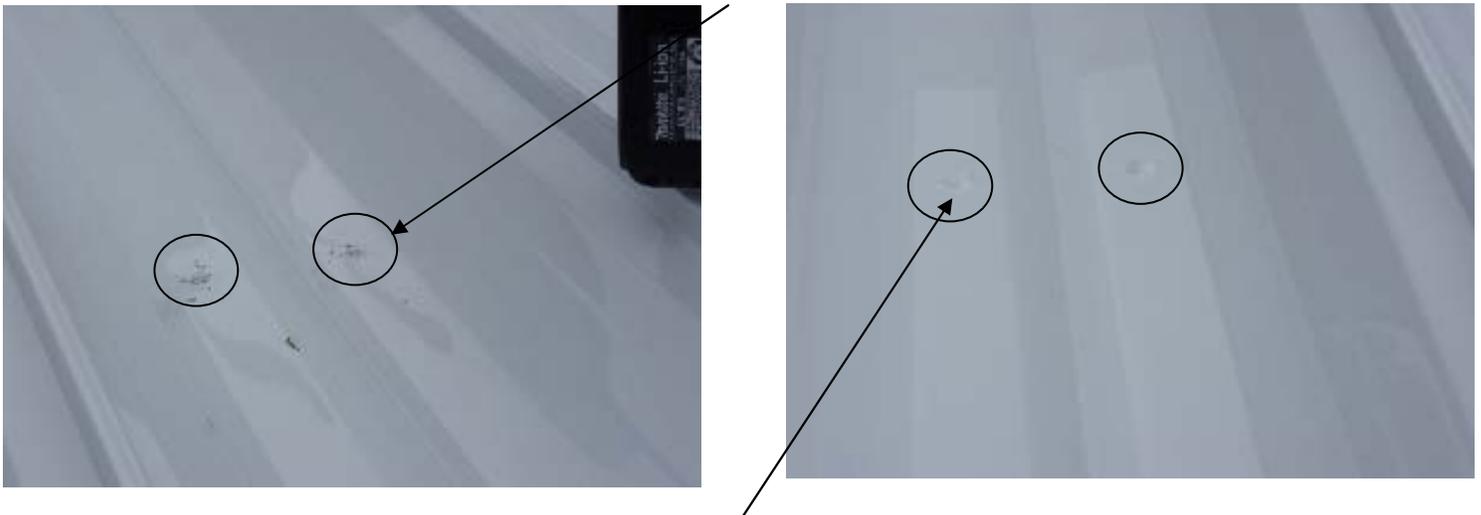
Push corners back together and reinstall the screws. Screw the side "C" Fascia in the top lip down into the pan approx every 1 1/2 feet.



Caulk the inside of each of the 4 corners and attach them to the frame using 4 screws on each.

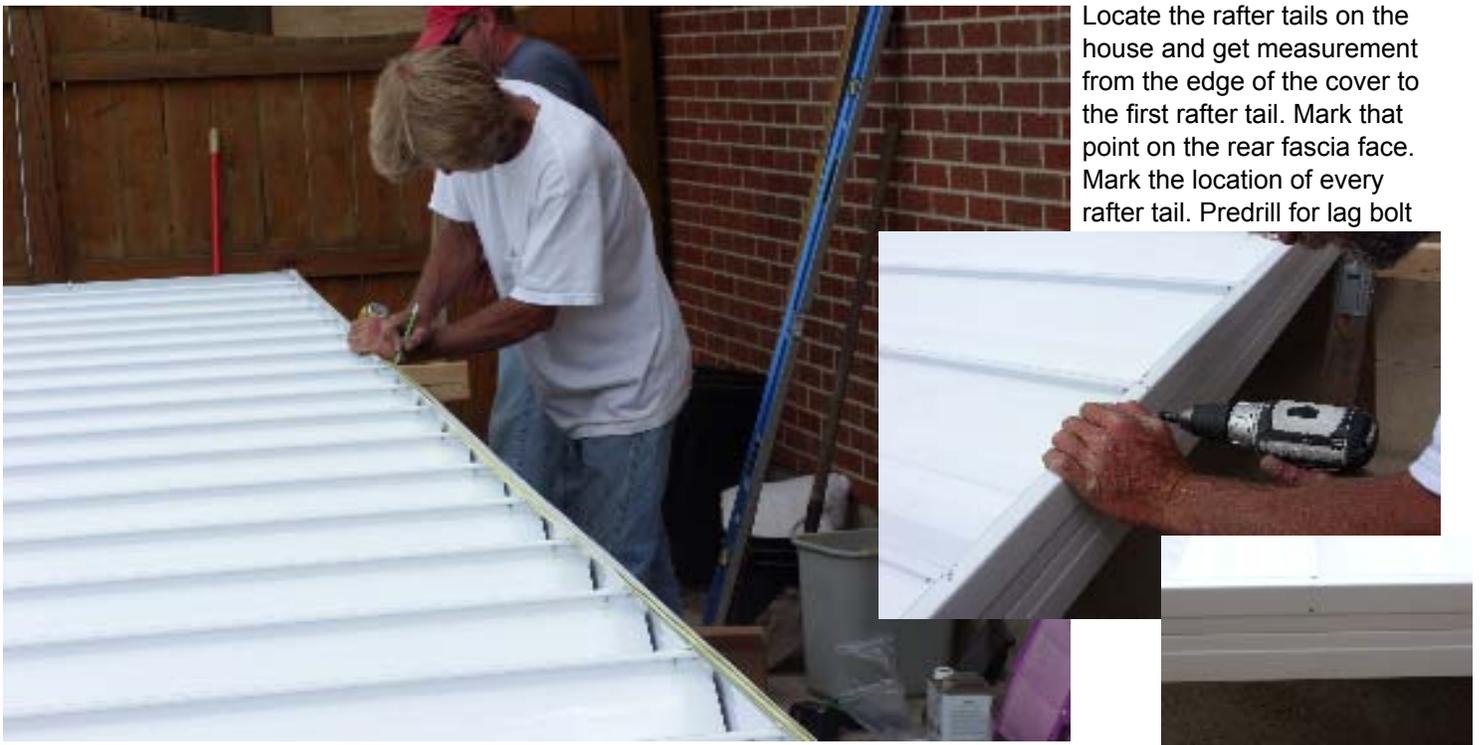


Locate exact position of the support and where it needs to be in relation to the concrete slab, screw the beam into place.



Finish screwing the rest of the entire awning and caulk all exposed screw heads on the pans only. Do NOT caulk the on the fascia lips.

MOUNTING THE AWNING



Locate the rafter tails on the house and get measurement from the edge of the cover to the first rafter tail. Mark that point on the rear fascia face. Mark the location of every rafter tail. Pre-drill for lag bolt

Line up the cover with install location as close as possible.
Using rear awning jacks, move rear of the cover up to the fascia.



Using the front awning jacks
move the front cover up.



Adjust for the proper slope NO LESS THAN 3/4"
PER FOOT OF SLOPE.



Lag awning thru your predrilled holes for each rafter tail.

SETTING THE POSTS

Level the front of the awning, measure from the support beam to the concrete for each post position.



Cut the posts to the desired height.



Plumb the posts and mark around the foot of the posts, set post back off of you mark and set the post foot in place to mark where the hole will be drilled.



Drill a 3/8" hole into the slab with a concrete bit and mount the post feet with an expansion bolt.



Lift post onto the post feet and fasten with 1/2" Tecs



MOUNTING DOWNSPOUTS

determine location of downspouts and mark on gutter



Drill 2 1/8" Hole into the bottom of "G" Fascia or Gutter

You may need to take tin snips and snip the edges of the gutter outlets so they will mount flush on each side of the "G".



Caulk around the edges of the outlet

Install 4 screws into the outlet over the 2 1/8" hole that was drilled



Fasten the down



Fasten one gutter strap to the post toward the top of the D/S and the other strap toward the bottom as shown

INSTALLING FLASHING

Caulk the back of the 1" lip of the flashing and slide it up under the drip edge against the fascia.



Scew down to each raised seam of the W-Pan and caulk all screw heads.



Form flashing can be made into flat flashing by scoring the fold with a utility knife and breaking the lip off, flat flashing is good for flashing under the shingles.

For additional questions contact...

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