Series 3100
Aluminum Window Awning with Support Arms

It is our recommendation that you read instructions carefully prior to assembly and installation.

Actual Size End Views of Awning parts for easy reference and assembly:

Series 3100 Parts Check List:

- Mounting Bar
- Top Trim
- Front Trim
- Edge Rafters (2)
- Center Rafter(s)*
- Support Arms
- Camel Back Wall Brackets
- Slat Section Assembly
- Interlock Clips*

*QUANTITIES & SIZE OF PARTS MAY VARY BY AWNING SIZE AND MODEL SERIES

Required Tools:

- Phillips, Regular & 1/4” Hex Head Screwdrivers or Drill Bits
- Power Drill
- Level
- Tape Measure
Assembly Instructions

1. Slats have a slight curve to them. Keep them this way for assembly.

   FIG. 1A

   FIG. 1B

The awning is assembled upside down. Note that the Slat Sections are packaged upside down (FIG. 1A). Assemble on a flat surface.

   ! CAUTION: Awning parts may have sharp edges. Use care in assembly.

Lay the first slat, curled edge DOWN on your left with ends toward you. Slide each subsequent slat into the curled UP edge on the right (FIG. 1B).

2. While keeping Slat Sections flush with each other, crimp slats together at each seam interlock with a pair of channel lock pliers about 1/4 inch in from the edge (not too much — only enough to secure them together). Be sure to keep the plier teeth level with slats so that you do not accidentally bend them up while crimping.

   FIG. 2

3. Slide the Top Trim out from Slat Section about 2 inches to provide clearance.

   Next, slide the non-curved end of the Edge Rafter onto Top Trim, making sure the opposite, curved end of the Edge Rafter is up.

   Next, slide both Top Trim and Edge Rafter back toward Slat Section and push Edge Rafter onto Slat Section edge evenly until Slat Section and the Top Trim are completely FLUSH into Edge Rafter (FIG. 3).

   TIP: Use the palm of your hand flat on slats pressing down and pulling toward you to help snug them into Edge Rafter.

   FIG. 3

4. Connect the Edge Rafter and Slat Section with the Front Trim. Slat Section and Front Trim MUST be FLUSH in the Edge Rafter. With Slat Section still secured FLUSH in Edge Rafter, slide Front Trim toward you and flush into the Edge Rafter, aligning pre-punched holes; it will fit snug.

   NOTE: Only the outside edge of the Front Trim and the curled edge of the slat are inserted into the Edge Rafter (FIG. 4B).

   Next, secure Top Trim and Front Trim with small screws in the larger pre-punched holes at each end of the Edge Rafter.

   FIG. 4A

   FIG. 4B

   NOTE: It is very important that both ends of the awning (the top trim and the front trim) along with the slat section are completely flush in the edge rafters to be able to align pre-punched holes for fastening. See FIG. 4B.

5. Fasten small screws in the two larger pre-punched holes along Edge Rafter (FIG. 5). (Pairs of small holes are for Sidewing connections for Series 3500.)

   NOTE: Support the underside of the Slat Sections and apply pressure while fastening screws.

   Repeat Edge Rafter assembly on the other side.

   FIG. 5

6. Align Center Rafter with pre-punched holes in the center of the Top Trim first and secure with small screws, then do the same at the other end of the Center Rafter in the center on the Front Trim and secure with small screws.

   NOTE: Window Awnings wider than 60” need more than one Center Rafter which will be provided. Pre-punched holes will guide installation of multiple Center Rafters.

   FIG. 6
Align Camel Back Wall Brackets and secure them to the wall with large screws at the correct mounting points. Making sure they are plumb and square.

Installation of awning with Support Arms is now complete.
Thank you for ordering the Series 3100 Aluminum Window Awning

NuImage Awnings® has a full line of aluminum awnings to complement your selection.

**Series 1100**
Aluminum Door Canopy with Support Arms

**Series 4100**
Aluminum Casement Window Awning with Support Arms

**Series 5500**
Aluminum Roll-up Window Awning

**NuShade**
Retractable Patio Awning