1. Assemble wood fan frame. Match the letters and use (2) 1 3/4" screws on the top and (2) 3" screws on the bottom of the frame.

2. From the inside of the dome, locate the fan frame in the proper panel, make sure it is level, and trace inside dimension with a felt tip marker.

3. From the outside of the dome, use a circular saw or jigsaw to cut out where you marked.

4. Disassemble wood fan frame. Insert fan with green dot facing lettered side and feed wire through hole in side. Assemble wood fan frame with (4) 1 3/4" screws on top, (4) 3" screws on the bottom, and (3) 1 3/4" screws into the sides to secure the fan into the frame as shown.
Have someone hold the frame on the inside of the dome with the lettered side against the glazing. Make sure it butts up against both struts. From the outside of the dome, line up the frame with the cutout and screw through the glazing into the fan frame at each corner using (8) 1 5/8” glazing screws.

From inside the dome, secure fan frame to struts with (4) 3” screws.

Attach hood supports, flush with the top of the cutout, with (6) 3” screws.

Predrill and then attach hood supports as shown with (4) 3” screws.
Attach left and right side glazing. Make sure that the labeled side faces the outside for UV protection of glazing. Use (10) 1-5/8” glazing screws.

Attach hood glazing with bottom cap attached to lower edge. Butt to top and center left and right. Use (6) 1-5/8” glazing screws.

Silicone sides and top edge of bottom cap.

Tape top edge with aircraft tape provided.

Insert piston into shutter frame. Place nut loosely over the piston rod. Insert piston rod into copper piece.
Insert cotter pin through copper piece and hole in piston rod. Once inserted, bend cotter pin so it won't slip out. Tighten nut onto piston threads until snug to frame.

Attach shutter to fan frame using (8) 3/4" drillits.