

Fan Beam Instructions

(these instructions can be modified for Insulated Roof Panels)

consult a licensed electrician

- 1. Pick Your Location** - Stop roof pan construction at the fan beam location. Cut the fan beam to length and place the fan beam in the roof pan.
- 2. Wiring** - Drill a 5/8" hole in the pan & the fan beam from underneath at your fan location. Drill a 5/8" hole (or whatever size fits your conduit) in the hanger & the fan beam at the house (top or bottom depending on the route for your wiring). Hold the fan beam down with one hand as you drill up, into it. You can use the same spade bit you used for the side plates on the posts. Pull wire through the fan beam, leave 12" hanging out the center 5/8" hole for wiring the fan later and enough wire at the house to reach your service connection. We usually use 14 or 12ga outdoor romex or direct burial wire but consult a licensed electrician.*
- 2. Anchor the Fan Beam (House)** - Use 4 screws through the wall hanger into the fan beam. 2 top, 2 bottom, a short 1/2" screw will work for this. Be careful not to touch wiring with your screws.
- 3. Anchor the Fan Beam (Header)** - Anchor a 3" screw through the fan beam into the top of the header. If you are pulling power from the header side the be careful of screws around wiring.
- 4. Install Fan Beam Cap** - Install next roof pan. Place fan beam cap over the pan with the fan beam, slide the fan beam cap under the flashing at the house. Screw the cap down to the ridges on top of the cover, where the pans interlock.
- 6. Attaching Fan - (*We recommend a licensed electrician do this)** You'll want to be careful not to damage the wires inside the fan beam. Consult the instructions that come with your fan to complete the install.

