

INSTALLING ROOF MOUNTING BRACKET TO ROOF:

- Place a safe ladder on a flat, dry, stable surface at both ends of where the awning will be installed
- Using a stud finder, mark the center of all the rafters along the line where the awning will be installed. Failure to center bolts in structural boards will cause premature failure and result in awning collapse and possible injury.
- Mark both ends of where the awning will be installed on that line.
- There should be one bracket within two feet of each end and no less than 5' (we recommend 4') apart between the ends. Choose and mark the best rafters to install the brackets into given those requirements.
- Purchase one piece of galvanized flashing 12"W X 24"D and (3) 5/16" rubber washers per bracket. Using the bottom holes in the base bracket (A) as a template, mark and cut 5/16" holes along the centerline of the flashing, 6" from each side. Install the rubber washers between the bracket and the flashing.
- Using a stiff putty knife pry the shingles apart 24"(about 24" wide) back from the edge of the roof.
- Slip the back of the flashing at least 8" under the shingles. Center the holes and rubber washers over the selected rafters.
- Using a ratchet, install (2) 5/16"x3" lag screws (9/16" socket) and (3) 5/16" washers through bracket A, the rubber washers, shingles and decking into the rafters.
- Install wall brackets securely on the face of Bracket (B) with the nuts, washers and bolts provided.
- Insert a 5/16" x 1" hex bolt into the bottom holes of Bracket (A) and (B). Install lock washers and nuts loosely.
- Using a ratchet and 9/16" socket, install 5/16" x 1" hex bolts, lock washers and nuts to secure the support arms (C) to the inside edges of Bracket A.
- Using a level, install the support arm to bracket B through the holes that most closely set bracket B vertical.
- Tighten all nuts and bolts securely.
- Seal the shingles back together with quality roofing sealer.

