

Lomanco's Vari-Pitch Aluminum Cupola

Model DRB-24

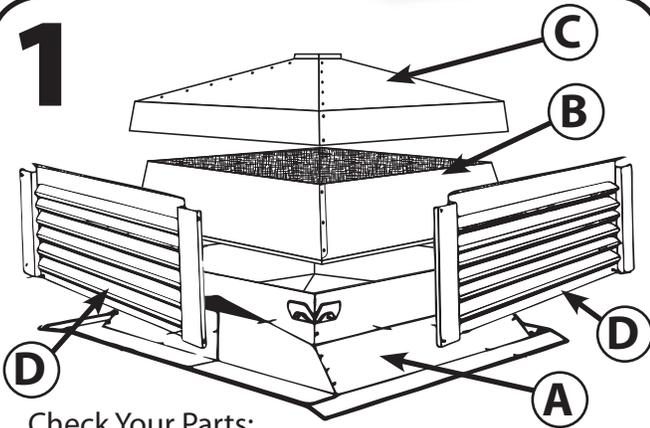
Shown with optional ornament pole and directional.

Accommodates from 2/12 through 6/12 roof pitches.



Optional Weather Vanes Available

1

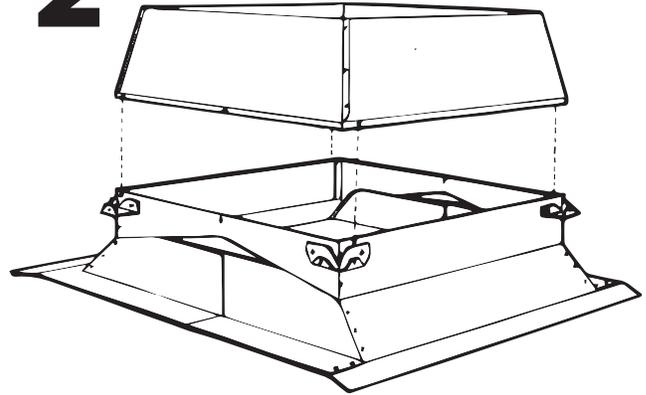


Check Your Parts:

- A. One Adjustable Base Assembly
- B. One Rain Shield and Screen Assembly
- C. One Roof
- D. Four Sides

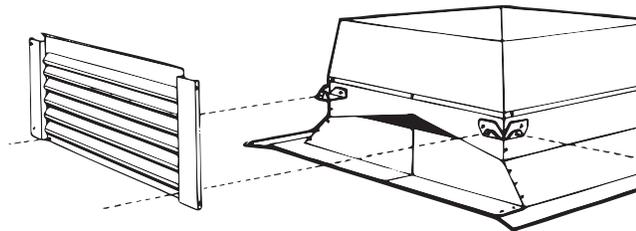
- One Bag of Screws:
- 24 plain- #8 x 1/2" to assemble cupola
 - 4 black- #10 x 5/8" to attach optional weather vane

2



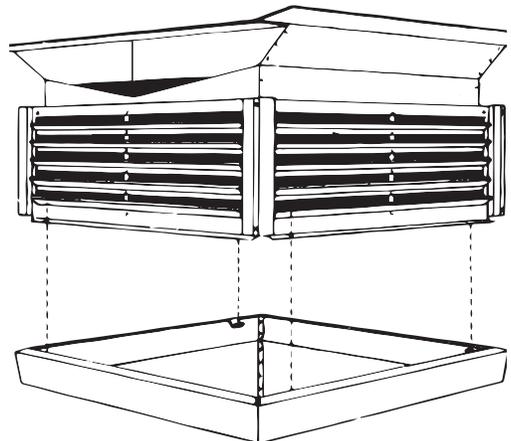
Assemble rain shield to base. Rain shield must go on outside of base. (4 plain screws required)

3



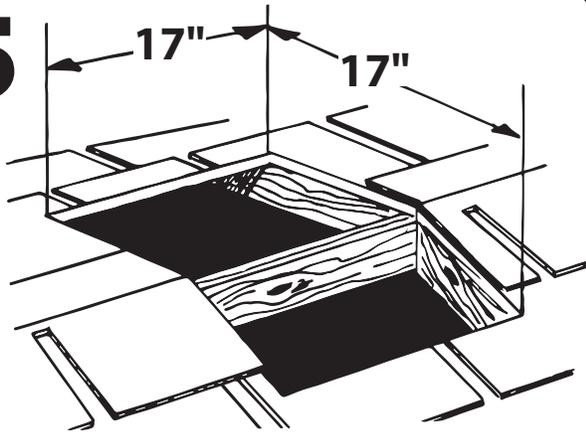
Assemble the base and the rain shield to sides. (16 plain screws required)

4



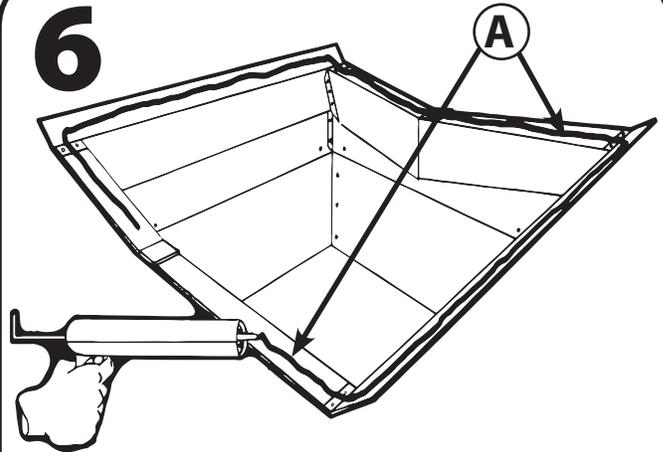
Place roof upside down and set assembly on 4 brackets and screw into place. (4 plain screws required)

5 17" 17"



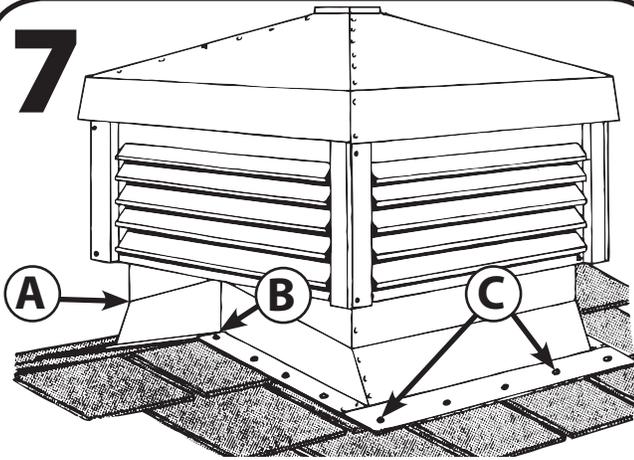
Cut a 17" x 17" opening in the roof taking great care to not cut any structural rafters or ridge pole.

6



Turn the cupola upside down and place a bead of caulk (A) around the bottom of the nailing flange. Center the cupola over the opening, making sure no shingles overlap the nailing flanges.

7



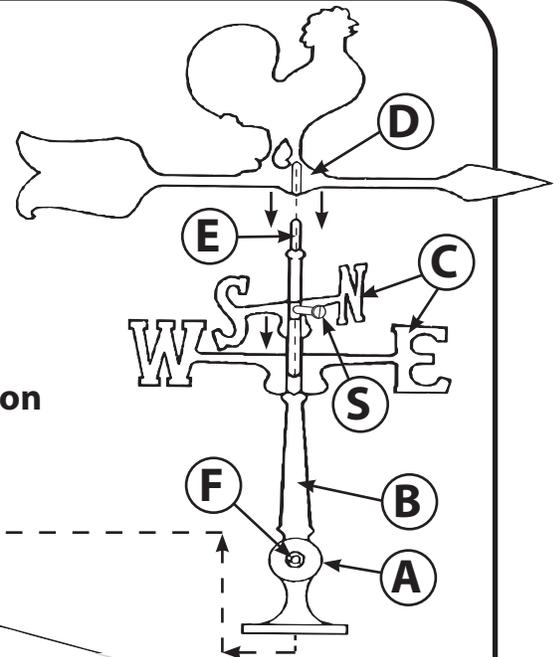
Adjust the housing to fit slope of roof (A). Bend over tabs on both ends of the cupola (B). Nail securely in place on flanges (C). Finish installation by sealing tabs and any exposed nail heads or loose shingles with roofing cement.

THREE MUST DO Steps to attic ventilation

- 1** **Install all Exhaust Ventilation at the SAME HEIGHT within a common attic area.**
Installation of exhaust vents at more than one level on a roof allows the upper exhaust vent to pull air in from lower exhaust vents rather than from the intake vents. Intake air must come from intake vents located near the lower part of the attic space to properly ventilate the total attic area and eliminate weather infiltration.
- 2** **Install ONLY ONE TYPE of Exhaust Ventilation within a common attic area.**
Exhaust Vents pull air from the easiest intake source. Vent types cannot be mixed. The use of different types of exhaust vents could make one of the vents act as intake for the other. Intake air must come from intake vents located near the lower part of the attic space to properly ventilate the total attic area and eliminate weather infiltration.
- 3** **Install a BALANCED SYSTEM of Intake and Exhaust Ventilation.**
50% Intake Ventilation - Intake vents located near the lower part of the attic area are required to balance out your ventilation system.
50% Exhaust Ventilation - Use a Lomanco Ventilation Selector Guide, or the calculators at lomanco.com to determine the number of vents needed to properly ventilate an attic to meet the Ventilation Minimum Property Standard.

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Optional Weather Vane Installation



If weather vane is to be attached, assemble and install to top of cupola as shown.

1. Attach directional letters (C) to mast. E-W first, then N-S. N-S directional letters should interlock with the E-W. Adjust for direction and tighten set screw (S).
2. Place arrow and ornament (D) over mast pin (E). No lubrication is necessary. The arrow and ornament is designed to be slightly "tail heavy" in order for arrow to remain pointed into the wind.
3. Attach mast and base assembly (B) in desired location with 4 black screws.
4. Make certain mast is vertical, then firmly tighten bolt (F) at base.