

EASY 6 STEP

CUPOLA INSTALLATION GUIDE

(Sundance Cupola)



For more detailed information, watch our installation video by scanning the code below or:

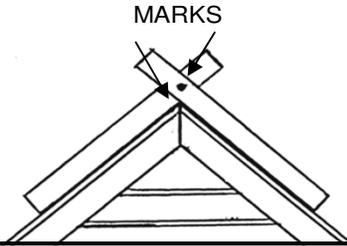
Visit our YouTube channel at: www.youtube.com/royalcrowneoutdooraccents

Visit our website at: www.royalcrowne.com



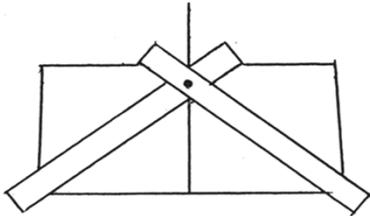
(Please read Installation Guide thoroughly before starting.)

(If base has a factory cutout skip steps 1-3.)



1. Determine Your Roof Pitch

Screw two boards together so they pivot. Straddle the roof with each board as shown, making sure each side is flat against the roof and the center is at the center of the peak. Mark the boards & apply another screw. This becomes your cutting template.

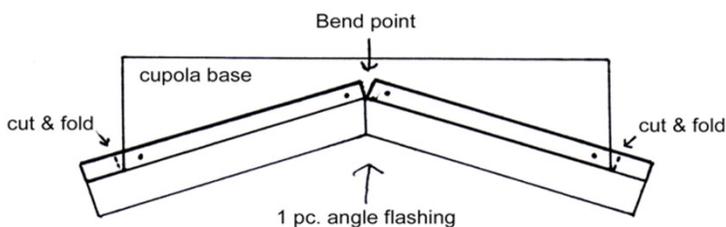


2. Mark the Cupola Base & cutout

Remove the screws holding the 2 opposite (metal) side panels of your cupola base, keep these pcs. to reattach to original position. Draw a centerline on the cupola base as shown. Using your cutting template, make a line from each corner to the centerline. This will be your cutting line. Your base should now be ready to cut.

Start cut at corners and end at center.

It is recommended to use a hand-held jig saw for making the cutout. You will also need to match the cutout in the metal panels that were removed earlier.



3. Attach flashing & side panels

Bend the 2 flashing pcs in the center to the same angle as the cupola base cutout. Now hold the flashing in place with the 1" side against the cupola base. Mark & cut the end of the 1" flange and fold over and insert on the bottom of the side panel with flashing. Attach flashing to wood base with nails provided. It may be necessary to drill small pilot holes for nails. Now reattach side panels to their original position. Insert extra screws in side panels where needed.

4. Prepare Roof - Decorative (Recommended)

There is no preparation necessary to your roof if your cupola is to be installed for decoration only. (Recommended) If a ridge vent or cap is present, then remove to fit over cupola flashing. Additional cap flashing may be installed over ridge on the inside of the cupola.

Prepare Roof - Ventilation or accessibility

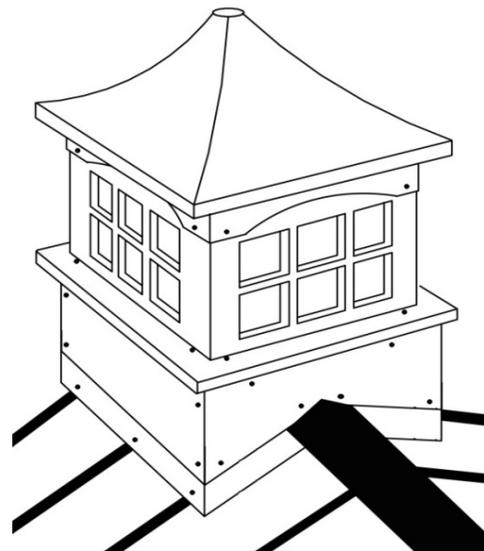
If your cupola will be used for ventilation or accessibility, cut an opening in the roof, leaving a 5"- 6" minimum around the inside perimeter of the cupola base, making sure to leave shingles or other roofing material intact inside cupola base. (Additional flashing or caulking must be used as illustrated in step #5)

Remove roofing & sheathing only. Do not cut ridge or rafters.

5. Attach cupola base to roof.

It is recommended to install the cupola before any ridge cap or ridge vent is in place. If ridge caps have already been installed they will have to be removed where cupola will be installed. If mounting on a metal roof, apply closure strips where the cupola flashing will be installed. Install cupola base on roof and attach flashing to roof, with 1" hex head screws (provided) If installed on a metal (ribbed) roof insert a screw on every rib. Now attach the ridge cap over the cupola flashing.

Note: When mounting for Ventilation or Accessibility you will want to apply roofing sealant & flashing to seal the sides of the cupola base to the roof. Leave a small area in the 2 lower sides unsealed to allow any water to drain. Also apply a bead of caulk to the top edge of the cupola base before attaching the mid-section.



6. Mounting & Assembly

For added support you may install additional 2x4 blocks on the inside of the cupola base to the roof. After the cupola base has been installed, attach the mid-section to the base, and the top to the mid-section using the screws (provided) in the pre-drilled holes. Apply silicone caulk to all exposed screw heads.

Note: For cupolas 60" and larger it is recommended to install additional curbing - support on the inside of the cupola base.

For more details on curb framing & flashing details, watch the videos by visiting our YouTube channel at:

www.youtube.com/royalcrowneoutdooraccents
or visit our website at: www.RoyalCrowne.com

Manufacturer is not responsible for weather related damage under severe conditions.
Manufacturer is not responsible for any issues if installed differently than these specs.