

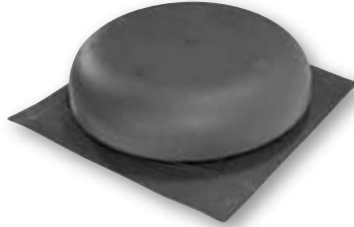


ROSS
Manufacturing, LLC

Innovation in Ventilation™

Ross® 150 Roof Vent®

U.S. Pat. No. 7,554,124 and U.S. Pat. No. 7,780,510



INSTALLATION INSTRUCTIONS

Installation of the **Ross 150 Roof Vent** should comply with all local standards and regulations.

Before beginning a job, determine how much ventilation is required.

NEW CONSTRUCTION OR RE-ROOFING

1. Locate the roof vents on the rear or side of the house evenly spaced on the width of the roof.
2. Mark the location of all roof vents before cutting holes. Center the holes between the rafters down at least two feet (24") from the peak of the roof.
3. Holes should be cut 17 ½" High x 15 ½" Wide. The **Ross 150 Roof Vent** box has a template for error proof installation. Using the template mark the outline for the hole on the roof. The hole in the roof cannot be larger than the hole in the bottom of the vent.
4. Shingle up until shingles covers the bottom of the hole. Cut the excess shingles away. Because shingles are part of a porous system applying an approved sealant around the edge of the hole is required.
5. The top of the **Ross 150 Roof Vent** has a molded in peak. Ensure that the vents are installed with the peak at the **UP** position.
6. Secure the base with a minimum of 8 galvanized nails. Nails should be a minimum of 1 1/4" long and must penetrate the vent, shingle, and decking. Secure a nail in each corner of the vent flashing and along the middle of each side of the vent.
7. To seal the vent use a plastic friendly roofing sealant. All nails must also receive a dab of sealant.
8. Shingle up and around the vent ensuring that the shingles butt up against the throat of the vent.
9. Pre-cut the top shingle to fit around the "slant" and nail in place. Shingle up as normal to complete installation.

ADDING VENTILATION TO FINISHED ROOFS

1. Determine how much additional ventilation is required and the best location for the holes. Holes should be cut 17 ½" High x 15 ½" Wide.
2. Inspect the attic to determine the location of the rafters and any other obstructions.
3. Mark the holes in the appropriate locations on the top of the shingles.
4. Using a sharp knife cut away the shingles.
5. Drill a pilot hole and cut through the sheathing using a keyhole saw or electric reciprocating saw.
6. Inspect the hole for size and location and compensate if necessary. If the hole must be modified, ensure that any change will not enlarge the hole beyond the maximum recommended size. Because shingles are part of a porous system applying an approved sealant around the edge of the hole is required.
7. Carefully remove the roofing nails within three inches of the hole.
8. Slide the vent into place beneath the shingles ensuring that the throat of the vent is centered on the hole.
9. Nail the vent into place using the predrilled holes. All nails must receive a dab of sealant.
10. Replace nails in the shingles as necessary to ensure a proper seal.