



Lo-OMNIRIDGE® LOR9-4 SHINGLE OVER RIDGE VENT



FLAT TILE ROOF INSTALLATION INSTRUCTIONS

Congratulations on your purchase of the LOR9-4 Shingle Over Ridge Vent. The LOR9-4 Vent is an exhaust vent that will help rid your attic of damaging heat and moisture when properly installed and used in conjunction with undereave intake vents.

NOTE: Most codes concerning residential attic ventilation require a balanced system of 50% top (exhaust) vents and 50% soffit (intake) vents. When this balanced system is used, the Lomanco LOR9-4 meets or exceeds residential attic ventilation codes.

IMPORTANT: Read ALL instructions thoroughly before attempting to install the LOR9-4 vent. Always install the LOR9-4 using fasteners approved by your local code authority.

NOTE: RIDGE POLE CONSTRUCTION OF YOUR ROOF IS REQUIRED FOR THIS INSTALLATION. SEE FIGURE 1.

STEP 1 — The LOR9-4 Vent will look better if it extends the entire length of the roof and therefore blends in with the roof line. Measure the length of the roof peak to determine the total length of LOR9-4 Vent required.

NOTE: DO NOT CUT THE HOLE THE ENTIRE LENGTH OF THE RIDGE. THE LENGTH OF THE CUT WILL BE ONE (1) FOOT LESS THAN THE LENGTH BETWEEN THE END WALLS (SEE STEP 3).

STEP 2 — Install the flat tile in accordance with the TRI standards with the exception of the top course of tile and the cap tile.

STEP 3 — The width of the ventilation cut for "Ridge Pole Construction" is 2-3/4" wide—See Figure 1. Maximum opening with roof tile 3-1/4"— See Figure 4.

The length of the cut should end 6 inches inside each end wall as shown in Figure 2. Mark the width to be cut with a chalk line (for a straighter cut) and also mark the end of the cuts. The hole is best cut with a circular saw taking care to set the depth of the cut to avoid cutting any rafters. Cut the hole and remove the cut decking. The length of the cut should end 6 inches inside each end wall as shown in Figure 3. Mark the width to be cut with a chalk line (for a straighter cut) and also mark the end of the cuts. The hole is best cut with a circular saw taking care to set the depth of the cut to avoid cutting any rafters. Cut the hole and remove the cut decking.

STEP 4 — Install the top course of the flat tile. The top edge of the tile should be approximately even with the edge of vent opening in the roof.

It is very important that the LOR9-4 Vent be aligned correctly and evenly down the roof's ridge. Snap a chalk line down both sides of the ridge at a distance of 5-1/2" down from the peak as shown in Figure 3.

The chalk lines should be used to help keep the LOR9-4 centered over the peak of the roof.

STEP 5 — The LOR9-4 is made with alignment tabs at each end. One end has a 3/8" long underlap and the other end is recessed to receive the underlap. Place the first piece flush with the end of the roof. Continue to mate the ends together for the entire length of the ridge, this will help to ensure that all of the vents are as straight as possible.

STEP 6 - Starting with the first vent, nail the LOR9-4 down with 3 inch nails, care must be taken to align the nails with the nail holes of the flat tile.

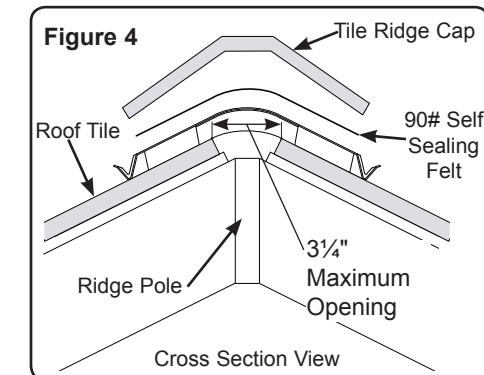
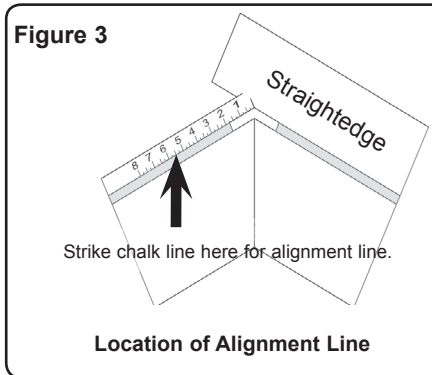
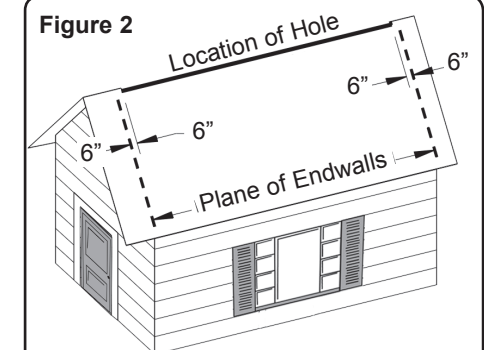
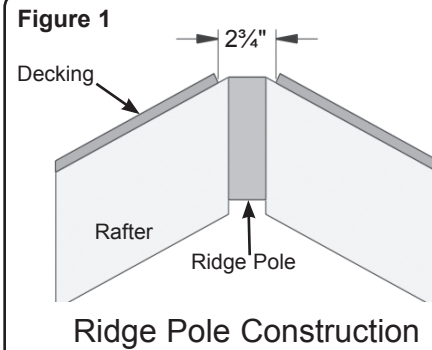
DO NOT TRY TO USE THE 10 NAIL HOLES PROVIDED IN THE LOR9-4, when the tile is installed properly the nail holes have adequate support.

If the vent is being installed in very cold weather, leave a 1/8" gap between each vent to allow for expansion in hot weather. Continue to nail the remaining pieces down taking care to keep the vents as straight as possible. The last piece may have to be cut to the proper length, a utility knife should work well.

IMPORTANT: BE SURE THAT THE END PLUG IS ON THE OUTSIDE END OF THE LAST PIECE IF THE PIECE WAS CUT.

It is recommended, at the end of each run, that the opening between the bottom of the ridge vent and the roof deck be completely sealed to prevent entry of wind driven rain.

STEP 7 — Cut a strip of 90 pound self sealing felt 9 1/4 inches (maximum) wide. Install the strip of felt centered on top of the ridge vent insuring that it does not cover the louver openings of the ridge vent. Install the cap tiles securing them with adhesive and a 6 inch nail. The nail should be driven into the ridge pole through the nail hole provided in the cap tile. Figure 4.



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, the calculators at lomanco.com, or the Lomanco Vent Selector App to determine the number of vents needed to properly ventilate an attic to meet the minimum code ventilation standard.

LIMITED LIFETIME WARRANTY

Lomanco, Inc. ("Lomanco"), warrants to you, the original owner of the Lo-Omniridge®, when installed in conjunction with new shingles and in strict accordance with Lomanco's written installation instructions, the Lo-Omniridge® is free from manufacturing defects for the lifetime of the original owner, or for a shorter period of time equal to the warranty period of the new shingles. This warranty may be transferred by the original purchaser to a new homeowner. The warranty will then cover a period of 50 years from the original installation date or the warranty period of the shingles, whichever is shorter. This warranty does not cover damage of any kind resulting from improper application, improper installation, fire, flood, earthquake, storm, tornado, or other acts of God. Lomanco's lifetime warranty is expressly limited to the owner of a single family residence at the time of initial installation. This warranty will be limited to 50 years or the warranty period of the shingles, whichever is shorter, for installations on buildings other than single family residences. Should any manufacturing defect occur during the warranty period, Lomanco, Inc., at its sole discretion, will either (a) provide replacement part(s) for that portion of the product deemed to be defective (not to include labor costs incurred in removing the defective part(s) or installing the replacement part(s)), or (b) if Lomanco, Inc. is unable to provide replacement part(s) within a reasonable time, or at the consumer's discretion, refund the consumer for the defective part(s) in an amount equal to the sum of the actual purchase price of the defective part(s).