RidgeHawk™ Installation Instructions

AIR VENT INC.

ROOF PITCH: Fit roofs with 3/12 to 18/12 pitches.
NFA: 15 sq. in. per linear foot

WARNING ⚠ **OTHER HAZARDS**

TOOLS REQUIRED:
- Utility knife
- Chalk line
- Roofing nails (if nails provided are not adequate)
- Tube of ASTM D4586 compliant roof sealant and caulking gun
- Tape measure
- Circular saw
- Nail Gun or hammer (regulate nail gun pressure as needed)
- Appropriate OSHA compliant safety and personal protective equipment

Fast & Easy Installation
Roll it out. Nail it down

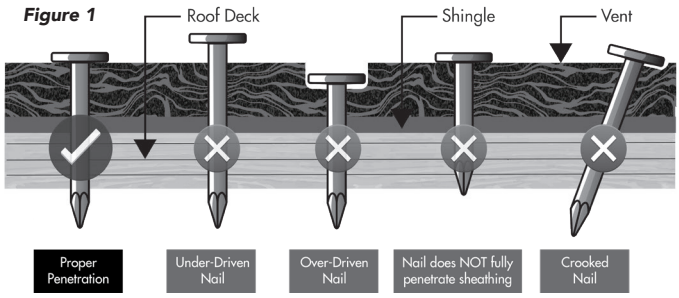
Includes Nails

Note: It is the installer's responsibility to ensure that the nail fully penetrates the roof deck.

BEFORE YOU INSTALL: Install only one type of exhaust vent, remove or plug any existing vents (gable vents, roof louvers, wind turbines and power fans). Install adequate intake ventilation for a balanced system (50% Exhaust & 50% Intake) in accordance with state and local code requirements. Intake vents must be installed low at the roof's edge or in the soffit/undereave. Products such as Air Vent's Continuous Soffit Vent, Vented Drip Edge, Undereave Vents and The Edge™ Vent provide the necessary intake ventilation for optimum performance.

IMPORTANT NOTES BEFORE INSTALLING:
1. Run the ridge vent from end to end on the roof ridge for an attractive appearance.
2. Carefully secure the ridge vent prior to cap shingle nailing. (see Figure 1)
3. Installer should verify adequate nail length prior to installation. All nails must fully penetrate the deck (see Figure 1 for proper nailing).
   - *If a longer nail is required to fully penetrate the deck, it must be 11 or 12 gauge and corrosion-resistant with at least a 3/8" head.*

Figure 1



Installation Steps

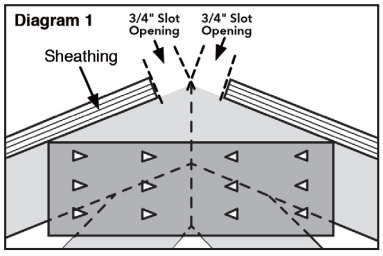
Roof Slot - Ridge

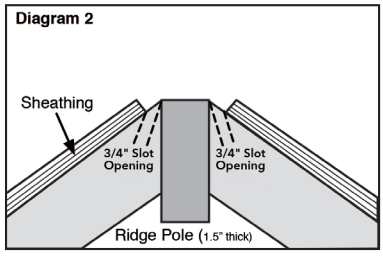
1. Ridge Vent:

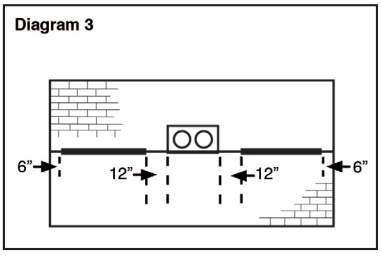
A. SEE DIAGRAM 1 & 2.
Cut a 1.5" wide slot along the roof ridge line, (3/4"on either side of center), but leave 12" at each end uncut. Cut only through the sheathing. Do not cut roof trusses. (On buildings with a ridge board, cut a 3" slot, 1.5" on each side of the ridge line.)

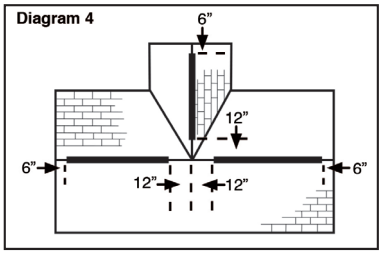
B. SEE DIAGRAM 3 & 4.
Lay out the location of the slots to be cut, ensure the length of the slots equals the minimum amount of RidgeHawk required. Slots must end:
- 6 inch from rake edge or 6 inch from inside gable wall. [Diagram 3] • 12 inch from any ridge line obstruction, such as a chimney. [Diagram 3]
- 12 inch from any intersection on a "T" or "L" roof. [Diagram 4]

Warning: The slot can be cut before or after shingle application however, for proper ventilation, care must be taken to ensure that no roofing material covers the ventilation slot.









Roof Slot - Hip

2. Hip Vent:

A. SEE DIAGRAM 5 & 6.

Lay out the location of the slots to be cut, ensure that sufficient RidgeHawk is used to meet NFA requirements.

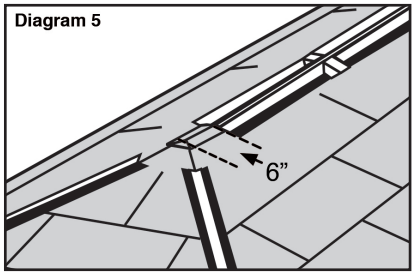
- A 3/4" inch slot will be cut on both sides of the hip rafter along the hip line.
- A continuous slot is not recommended, start the slots 6 inch from where the hip meets the ridge. [Diagram 5]
- Slots should be no more than 18 inch length, allow 12 inch between slots. [Diagram 6]
- Slots should not extend more than 1/3 of the way down the hip ridge.
  This is to ensure that the vent does not short cycle.

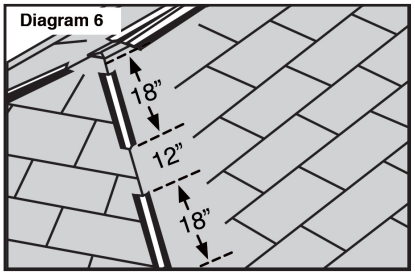
B. Cut the ventilation slot and remove the unwanted roof decking material.

- Follow the shingle manufactures installation instructions.
- Install the roofing shingles up to the edge of the ventilation slot.
  Care must be taken to ensure that no roofing material covers the ventilation slot.

NOTE: The ventilation slot can be cut either before or after the shingles have been installed. If the slot is to be cut after the roof shingles have been installed, it is recommended that a carbide tipped blade be used.

CAUTION: Care must be taken to ensure that the cut will ONLY penetrate the decking. The saw depth must be set to ensure the cut WILL NOT penetrate the roof frame. It is recommended that a test cut be performed between the roof trusses to ensure the proper cut depth is used.





3. Installation of the RidgeHawk:

A. Cut the RidgeHawk to the desired length and set aside until step D.

- To obtain optimal visual appeal install RidgeHawk so that it extends from ridge edge to ridge edge and butts up flush against any chimneys that are located on the ridge line.
- For roofs with “T” or “L” intersection cut one piece that will extend continuously from rake edge to rake edge along the longest length. If seaming is required, avoid seaming at the ridge intersection. See step F for further instructions on seaming.
- For hip line installation, to obtain optimal visual appeal, install RidgeHawk from hip/ridge line intersection to rake edge.
- When cutting additional pieces, cut pieces such that they will butt up tightly against the adjoining piece. Care must be taken so that no gaps in the RidgeHawk are present.

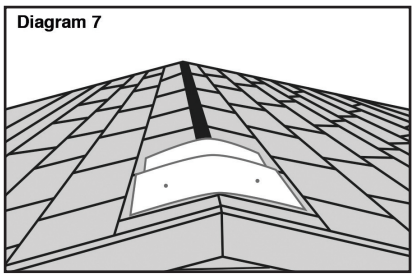
B. SEE DIAGRAM 7.

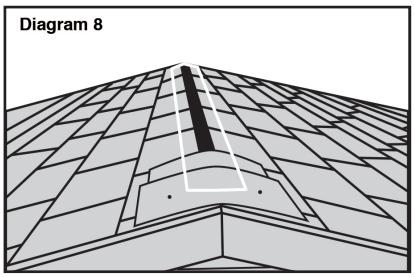
BEFORE installing the RidgeHawk, cut a hip and ridge shingle a minimum of 6 inches wide for each rake edge. Nail a hip and ridge shingle at the end of each ridge. [Diagram 7]

C. SEE DIAGRAM 8.

To ensure proper performance, install a bead of asphalt roofing cement 3 inches from ALL edges of the ventilation slot. [Diagram 8]

- The bead must run uninterrupted along all edges of the ventilation slot. This will help fill in any gaps between the RidgeHawk and the roof shingles.
- The asphalt roofing cement must meet or exceeds the requirements of ASTM D4586.





D. SEE DIAGRAM 9.

Center the RidgeHawk over the ridge/hip line. [Diagram 9]

- Secure one end of the RidgeHawk with a nail on each side on the vent.
- Roll out the entire length of RidgeHawk.
- Make sure RidgeHawk extends beyond the edge of the ridge and cut off the extra length.
- Remove any slack in the RidgeHawk and secure the second end with a nail on each side of the vent.

NOTE: Care must be taken to ensure the RidgeHawk remains centered over the ridge/hip line.

E. Finish securing the section of RidgeHawk with a nail approximately every 4 feet on both sides of the ridge line.

- Repeat procedure for each piece of RidgeHawk.
- When seaming two pieces of RidgeHawk together, follow the instructions detailed in step F.

F. SEE DIAGRAM 10.

To join two sections of RidgeHawk. [Diagram 10]

- Determine where the seam will occur.
- Center a cap shingle under the area where the seam will occur.
- Secure the cap shingle with a single nail on each side of the ridge line.
- Install a bead of asphalt roofing cement 3 inches from ventilation slot.
- Butt the two sections of RidgeHawk together snuggly, taking care that there is no gap between them AND that they do not overlap.
- Secure the end of each section of RidgeHawk with a nail on each side of the printed line.

G. Install cap shingles according to manufacturer's instructions.

Diagram 9

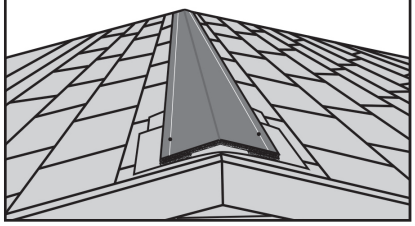
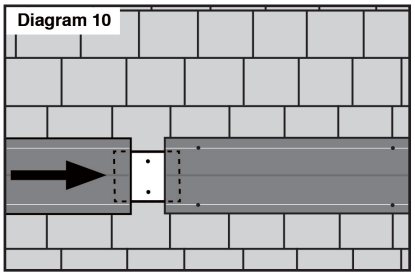


Diagram 10



For warranty information, visit www.airvent.com

NOTE: Air Vent's written warranty for this product will be invalid in any instance in which the product was not property installed in accordance with the instructions.

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