

The Python™ 150 Vent Installation Instructions

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Quick Pre-Install Checklist

- Contact your local code official before installing Python™ 150 Vent for compliance with local requirements.
- Please see online Python™ Vent Calculator App at _____, to determine how much ventilation is required.
- Install only one type of exhaust vent and remove and plug existing vents including turbines, gable vents, roof louvers and static vents unless you are installing into existing penetrations per the instructions.
- The NFVA (Net Free Venting Area) of the eave/intake vents should never be less than the NFVA of the 150 Vents being installed. Improper balancing of the system could result in weather infiltration and inadequate attic ventilation.
- The Python™ 150 Vent is engineered for use on roof pitches from 2/12 to 16/12.

Re-Roof and New Construction Installations

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 two feet (24") from the peak of the roof.
3. Holes should be cut 17 ½" High x 15 ½" Wide. The Python™ 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 Python™ 150 Roof Vent has a molded in peak. Ensure that the vents are installed with the peak at the UP position.
6. Secure the vent 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 cricket of the vent and nail in place. Shingle up as normal to complete installation.



Installing Vents into Existing Finished Roofs

1. Inspect the attic to determine the location of the rafters and any other obstructions and ensure that attic insulation is not blocking intake vents.
2. Determine how much additional ventilation is required and best location for the holes.
3. Mark the location of all roof vents before cutting holes. Center the holes between the rafters down two feet (24") from the peak of the roof.
4. Holes should be cut 17 ½" High x 15 ½" Wide. The Python™ 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.
5. Mark the holes in the appropriate locations on the top of the shingles
6. Using a sharp knife cut away the shingles.
7. Drill a pilot hole and cut through the sheathing using a keyhole saw or electric reciprocating saw.
8. 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. Add sealant around the edge of the hole.
9. Carefully remove the roofing nails within three inches of the hole.
10. Slide the vent into place beneath the shingles ensuring that the throat of the vent is centered on the hole.
11. 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.
12. For proper sealing use a plastic friendly roofing sealant. All nails to receive a dab of sealant.
13. Shingle up and around the vent ensuring that the shingles butt up against the throat of the vent.
14. Replace nails in the shingles as necessary to ensure a proper seal.

Note: The Python™ 150 Ven does not provide warranty for leaks from water penetrating under shingles or roofing underlayment.

