HighPoint® Power Vent HT

Slope-Mounted Ventilation

This sleek roof-mounted power vent comes with a pre-wired humidistat and thermostat and is capableof venting attics up to 1650 Sq. Ft.

FEATURES

25.63" H x 25.31" W x 8.56" D
Vents attics up to 1650 Sq. Ft.
1170 CFM
Overload protection
Standard with pre-wired humidistat and thermostat
Low profile steel dome
UL listed
Florida Building Code Approved
Exceeds Department of Energy recommendations and all nationally recognized building codes when installed properly

OPTIONS

Available in Black and Weathered Wood

Signature Select® ROOFING SYSTEM

For maximum protection and warranty coverage, install an Atlas Signature Select® Roofing System with components designed and backed by an Atlas warranty.

UNIFORM BUILDING CODES

R806.2 Minimum area. The total net free ventilating area shall not be less than 1/150 of the area of the space ventilated except that the total area is permitted to be reduced to 1/300, provided at least 40 percent and not more than 50 percent of the required ventilating area is provided by ventilators located in the upper portion of the attic or rafter space. Upper ventilators shall be located not more than 3 feet (914 mm) below the ridge or highest point of space, measured vertically, with the balance of the required ventilation provided by the eave or cornice vents. See the published International Residential Code for additional information.

SAFETY, APPLICATION AND PRECAUTIONS

For safety, always wear safety glasses. Application and installation procedures are beyond control of the seller or manufacturer. (Consequently, neither party shall be responsible for failure of the product when not used in strict accordance to instructions and specifications.)

IMPORTANT PRECAUTIONS: Install roof vents at ridges and eaves. FHA requires one square foot (0.1 sq. m) of free ventilation to every 150 square feet (13.9 sq. m) of attic area or one square foot (0.1 sq. m)/300 square feet (28 sq. m) if 50% ventilation is provided near the ridge.

INSTALLATION INSTRUCTIONS

For installation instructions go to: **AtlasRoofing.com/install-vents**

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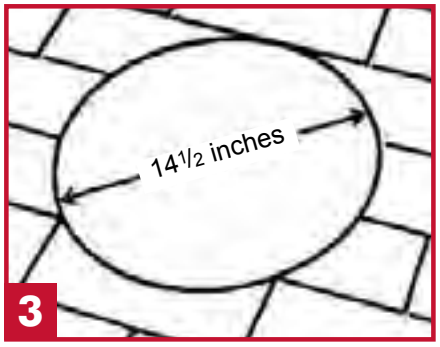
AtlasRoofing.com #AtlasProtects

HighPoint® POWER VENT HT Roof-Mounted Vent
INSTALLATION INSTRUCTIONS

POSITIONING THE POWER ATTIC VENTILATOR ON THE ROOF: Set the unit approximately in the center of the roof close to the ridgeline (as shown above). Position the ventilator so that the unit can only be seen from one side of the house.

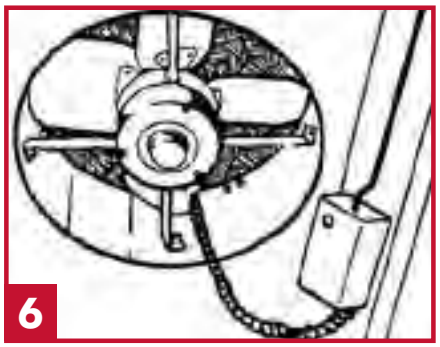
DRILLING THE GUIDE HOLE: Measure the distance to the ridgeline and to one end of the roof. Transfer these exterior dimensions to inside the attic. Next, locate a center position between two rafters (inside the attic) as near as possible to the outside measurements. Drill a guide hole through the roof from inside that is equal distance from the two rafters. Place a marker through the roof for quick identification while on the roof.



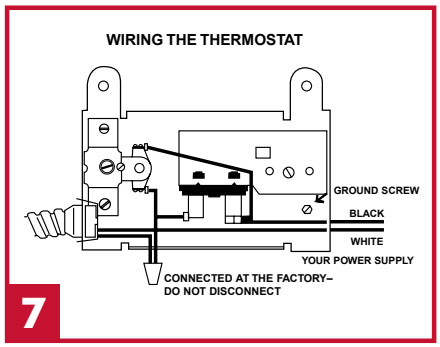
CUTTING THE HOLE: Draw a circle 14-1/2" in diameter using the guidehole as the center. A template is provided on the back of the carton for drawing the circle.

CUTTING THE HOLE IN THE ROOF: Using a sabre saw, cut and remove all roof shingles (and deck) inside the 14-1/2"-diameter circle. Next, cut an extra 1" off the top half of the hole (shingles only) to allow room for placing and positioning the flange. Do not cut through any rafters. Cutting a rafter may cause your roof to sag.

SECURING THE BASE: Make sure the base flange parallels the ridgeline of the roof. The embossed arrow and word UP should be pointing toward the ridgeline. Slip the upper half of the flange under the shingles. Center unit over the hole (as shown above). Attach flange securely to roof using roofing nails around the perimeter of the unit (underneath shingles at the top). A nonhardening caulk can be used as a seal between the flange and shingles.



INSTALLING THE THERMOSTAT: Inside the attic, separate the thermostat cover from the mounting plate. Secure the plate to a rafter. See Step 7 to connect the thermostat.



WIRING THE THERMOSTAT: Wire the thermostat as shown below. Attach your ground wire to the thermostat box.

Danger: The electrical installation and wiring of this fan must be done by a qualified electrician in accordance with all local codes and standards, including fire-rated construction. Failure to do the installation properly can result in fire or even death.

NOTE: A few hours of operation without apparent problems does not necessarily imply that the installation is safe.

Danger: Do not substitute a solid-state speed control for the thermostatically controlled on-off switch that comes with this fan. Use of a solid-state speed control can result in a fire causing injury or death.

Danger: Make sure the circuit breaker powering the circuit on which the fan will operate is turned OFF before wiring the thermostat. You can be shocked or electrocuted if the breaker is not off.

HOW TO SIZE POWER VENTS?

Power vents are rated in CFM – cubic feet of air moved per minute. The higher the CFM, the more powerful the vent and the more air exchanges per hour it provides. To determine the minimum CFM required, multiply the attic square footage by 0.7.

For example: 1500 square feet x 0.7 = 1050 CFM

Thus, a fan rated at least 1050 CFM is needed.

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