

# INSTALLATION INSTRUCTIONS FOR ROOF-MOUNTED POWER VENTS

*Models: VXNRG, CX3000, VXSVR, CX4000, VXVIP, CX2001, VX2414, VX1000, CX1000*

Read all warnings and instructions before beginning to install this fan.

## **FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY OR EVEN DEATH**

- 1. Do not attempt to use this fan with any solid-state speed control device.**
- 2. Use this unit only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.**
- 3. Before servicing or cleaning this unit, switch power off at the service panel and lock out to prevent power from being switched on accidentally. When service disconnecting means cannot be locked, securely fasten a prominent warning tag to the service panel.**
- 4. Installation work and electrical wiring must be performed by a qualified person in accordance with all applicable codes and standards, including fire-rated construction.**
- 5. When cutting or drilling into a wall or ceiling, do not damage electrical wiring and other hidden utilities.**
- 6. The combustion airflow needed for safe operation of fuel-burning equipment may be affected by this unit's operation. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire and Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air-conditioning Engineers (ASHRAE), and the local code authorities.**

## CAUTION

1. This unit has an unguarded propeller. Do not use in locations readily accessible to people or animals.
2. Mount with the lowest moving parts at least 8 feet above floor level.
3. For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.
4. Carbon monoxide is an odorless, colorless gas that can kill. It may be drawn into the house by operating this fan if your fuel-burning equipment is not properly maintained, or if you lack adequate attic intake vents.



VENTAMATIC, LTD.  
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PHONE: (800) 433-1626 - FAX: (940) 325-9311 - [www.bvc.com](http://www.bvc.com)

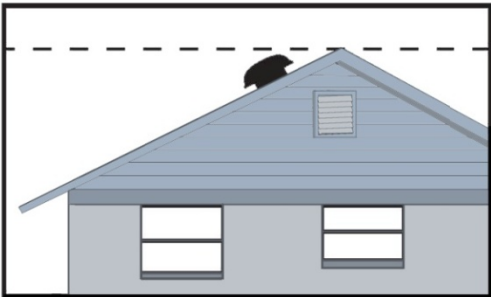
**Ventamatic**<sup>®</sup>

# INSTALLATION INSTRUCTIONS

THIS ROOF-MOUNTED UNIT IS DESIGNED FOR ATTICS OF AVERAGE SIZE AND OPERATES MOST EFFICIENTLY WHEN AIR INTAKES ARE LOCATED AROUND THE EAVES. FOR LARGER ATTICS, USE TWO OR MORE UNITS. AT LEAST 600 SQ. IN. OF NET FREE AIR INTAKE IS REQUIRED PER UNIT. THE MOTOR OPERATES ON 115-V.A.C. 60HZ CURRENT. SEE MOTOR LABEL FOR AMPERAGE.

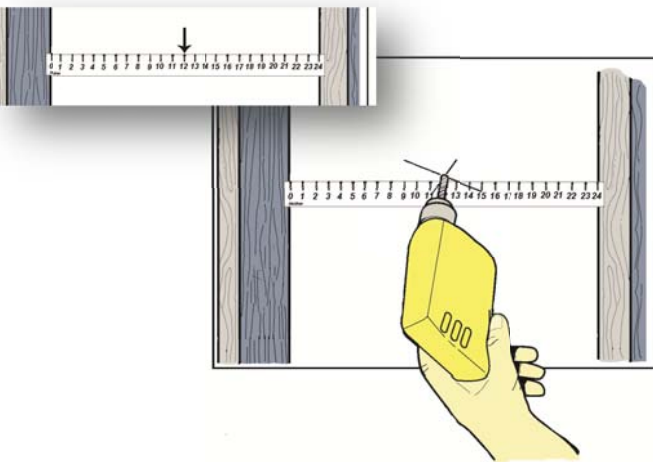
## Step 1

Place unit on top of shingles, approximately in the center of the roof and close to the ridgeline, but positioned so the unit is only visible on one side of the house.



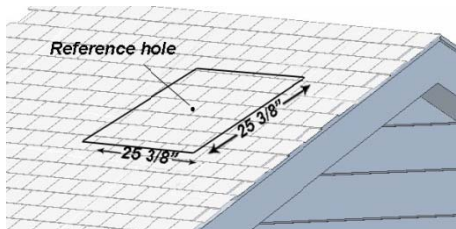
## Step 2

When this position is established, locate a centerline directly between two rafters and, from inside the roof, drill a hole through the roof. This hole will be used as a reference point for the following operations.



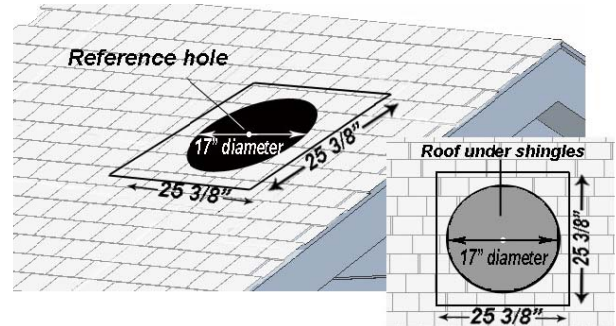
## Step 3

Draw a reference square 25 3/8-in x 25 3/8-in on the roof using the hole drilled in Step 2 as the center.



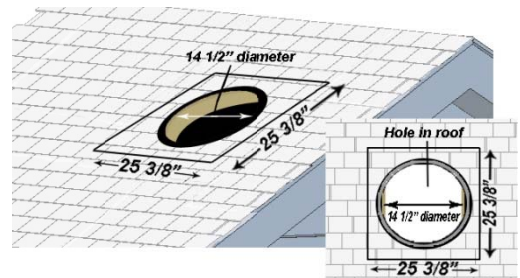
## Step 4

Within the square, draw a 17-in diameter circle and remove shingles, nails, and felt from the circle just drawn.



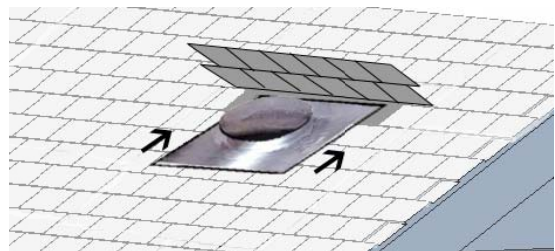
## Step 5

Next draw a 14 1/2-in diameter circle inside the 17-in circle on the decking. Be sure to use the hole drilled in Step 2 as a center of this circle. Cut through the decking, using the 14 1/2-in circle as the cut line.



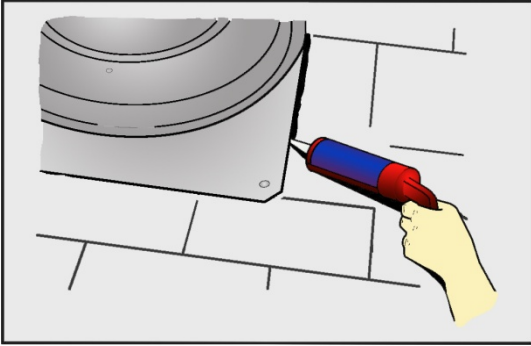
## Step 6

Slide the flange of the unit up under the shingles (some roofing nails may need to be removed). Position the unit on the reference square (drawn in Step 3) to align the exhaust opening.

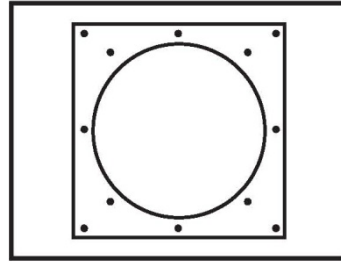


### Step 7

When the unit is properly located, apply a generous amount of roofing compound between the flange and the shingles (do not hot mop) approximately 1-in inside the perimeter of the flange and begin to secure with nails.



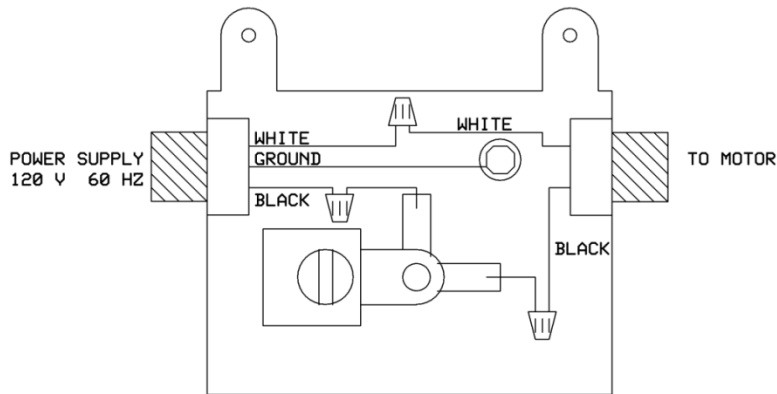
### Suggested nailing pattern:



### Step 8

Check the installation for leakage with water from a garden hose. Do not spray water directly into the vent opening.

### THERMOSTAT INSTALLATION



### WARNING

- Before wiring the thermostat, turn the power off at the breaker to avoid electrocution.
- Be certain to confirm to all Local Electric Codes and Regulations.
- Remove the cover from the thermostat box and use screws to attach the mounting plate to a stud.
- When installing the thermostat box, use screws to attach it to the stud to prevent damage to the control.
- Leave the back side of the control unobstructed to allow free air circulation behind the box.
- Wire the unit to the incoming power supply according to the diagram below.
- The thermostat is adjustable. Recommended setting is 90-110 degrees F depending on local temperatures.
- The fan will run as long as the attic temperature remains above the set temperature.

VENTAMATIC, LTD.  
LIMITED WARRANTY

Ventamatic, Ltd. extends this warranty to the original occupying owner of the home where this product is installed that this product will be free from defects of material or workmanship for the time period listed by model number below:

<b>VXNRG, CX3000</b>	<b>LIMITED LIFETIME</b>
<b>VXSVR, CX4000</b>	<b>LIMITED 5-Year</b>
<b>VXVIP, CX2001</b>	<b>LIMITED 2-Year</b>
<b>VX2414</b>	<b>LIMITED 2-Year</b>
<b>VX1000, CX1000</b>	<b>LIMITED 2-Year</b>

No subsequent purchaser of this product or of the home in which the product is installed is entitled to the benefits of the warranty.

Ventamatic, Ltd. will replace the defective part or component only and return the new part to you freight prepaid. Customer must bear all other expenses incurred, including labor required for field repair or replacement and cost of return shipping of the defective part or component to Ventamatic. Customer must also bear the cost of replacement of any part or component and the shipping charges incurred for the replacement and return of any part or component not covered by this warranty, including parts or components damaged by customer.

Ventamatic, Ltd. reserves the right to demand and receive written evidence of the date of purchase before undertaking to perform its obligations under this warranty. **YOU SHOULD, THEREFORE, RETAIN YOUR SALES SLIP AND ATTACH IT TO YOUR WARRANTY CLAIM.**

In order to obtain the replacement of a part or component, you must select one of the following methods:

**A. Return to factory.**

Return postage prepaid the fan or part you believe to be defective to the address below:

Ventamatic, Ltd.  
100 Washington Street  
Mineral Wells, TX 76067

Include your name & address and a copy of your proof of purchase or installation.

**B. Return to place of purchase.**

There is no informal dispute settling mechanism available in the event of a controversy involving this warranty.

Any and all implied warranties shall be limited to the duration of the express warranty set forth above. In some states, limitations of the duration of implied warranty do not apply.

Ventamatic, Ltd. shall not be liable for incidental or consequential damages, whether direct or indirect based upon breach of warranty, breach of contract, negligence or tort. If any suit or other action is brought against Ventamatic by customer, Ventamatic and customer irrevocably waive the right to trial by jury.

Purchase and installation of this product constitutes acceptance of the terms of this warranty by customer.