

# INSTALLATION INSTRUCTIONS FOR ROOF-MOUNTED POWER VENTS

*Models: VXRNRG, VXSVR, VXVIP, VX2414, VX1000, CX3000, CX4000, CX4000, CX2001, 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.

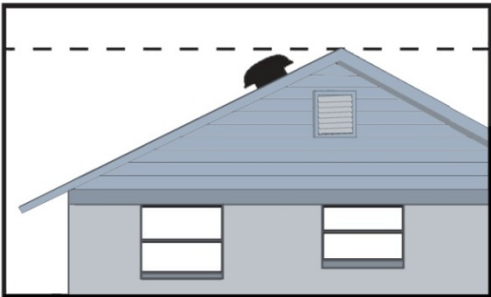
VENTAMATIC, LTD.  
P.O. Box 728, MINERAL WELLS, TX 760068  
PHONE: (800) 433-1626 - FAX: (940) 325-9311 - [www.bvc.com](http://www.bvc.com)

# 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.

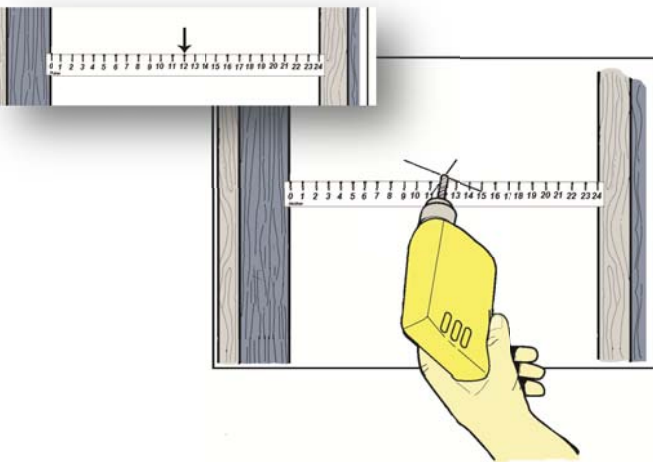
## Step 1

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.



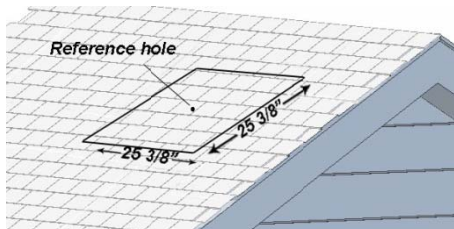
## Step 2

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.



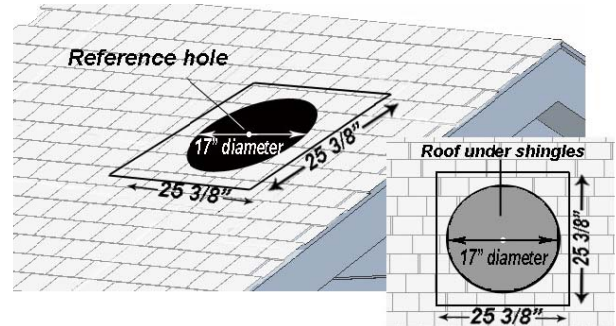
## Step 3

Draw a reference square  $25 \frac{3}{8}$ -in x  $25 \frac{3}{8}$ -in on the roof using the hole drilled in Step 2 as the center.



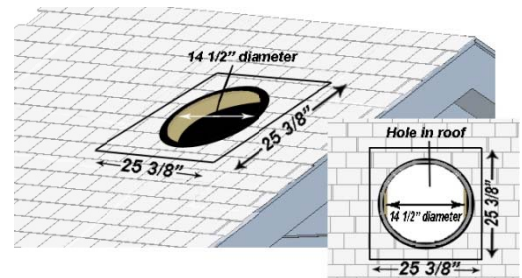
## Step 4

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



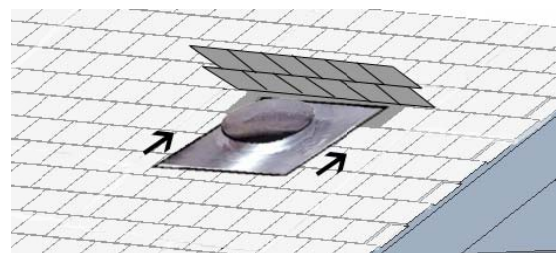
## Step 5

Next draw a  $14 \frac{1}{2}$ -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  $14 \frac{1}{2}$ -in circle as the cut line.



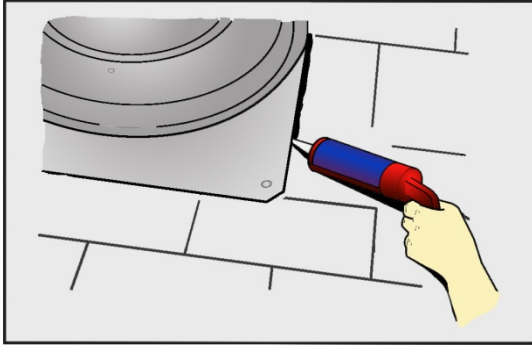
## Step 6

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.

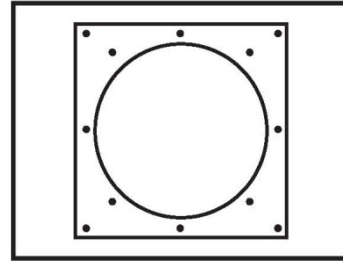


### Step 7

When the unit is properly located, apply a generous amount of roofing compound between the flange and the shingles approximately 1-in inside the perimeter of the flange and begin to secure with nails.



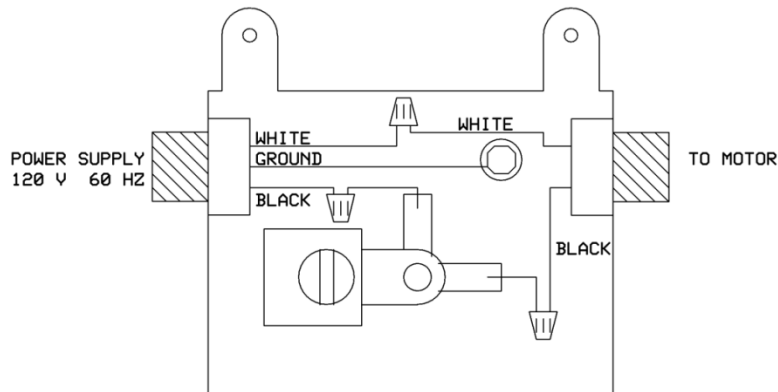
### Suggested nailing pattern:



### 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, using screws to prevent damage to the control, attach the mounting plate to a stud.
- 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 above.
- The thermostat is adjustable. Recommended setting is 90-110 degrees F depending on local temperatures. Setting is fan-on and fan-off.
- The fan will run as long as the attic temperature remains above the set temperature.

VENTAMATIC, LTD.  
LIMITED WARRANTY

This warranty is underwritten by Falco Insurance Company and is extended to the original retail purchaser of this model or, if this unit is purchased and requires installation by a building contractor, to the original owner of the home. No subsequent purchaser of the unit or of a home in which it is installed is entitled to any of the benefits of this warranty.

This product is warranted against defects in materials and workmanship for the time period listed by model number below, from the date of original retail purchase. No other parts or components are warranted. There is no warranty for defects caused by abuse, faulty installation, or the like.

<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>

Repairs or replacement parts supplied under this warranty are warranted only for the period of this warranty; that is, for the time period stated by model number above, from the date of the original retail purchase of the unit.

In the event of a defect or malfunction, we will replace or repair the defective part or component only and return the new or repaired part to you freight prepaid.

You must bear all other expenses incurred in obtaining repairs, including labor required for field repair or replacement, and the cost of shipping the defective part to us. You must also bear the cost of repair to or replacement of any part or component and the shipping charges incurred for the repair or replacement and return to you of any part or component not covered by this warranty, including parts or components damaged by you.

The company reserves the right to demand and receive written evidence of the date of purchase before undertaking its obligations under this warranty. The right to demand and receive written evidence of date of purchase extends to all licensed dealers of Ventamatic, Ltd. products.

You should, therefore, retain your sales slip and attach a copy of it to the warranty claim.

**To start a warranty claim you must:  
Contact Ventamatic, Ltd.**

An RGA (Returned Goods Authorization) form is required for returns to the factory to ensure your return can be processed efficiently and quickly. Please contact Ventamatic, Ltd. toll-free at 800-433-1626 or via web at [www.MYMAXXAIR.com](http://www.MYMAXXAIR.com) to obtain an RGA and follow the instructions given.

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

Any and all implied warranties which may exist terminate upon the expiration of this warranty, stated above by model number, from the date of the original retail purchase. Some states do not allow limitations on how long an implied warranty lasts, so this limitation may not apply to you.

Ventamatic, Ltd. is not liable to you for incidental or consequential damages arising out of defect or malfunction of a unit or its installation or out of any alleged breach of this warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

*rev. 4/19*