



INSTALLATION INSTRUCTIONS ROOF-MOUNTED POWER VENTS

MODELS: VXRNRG, VXSVR, VXRVIP, VX2414, VX1000, CX3000, CX4000, CX2001, CX1000

FOR RESIDENTIAL USE ONLY

PLEASE READ AND SAVE

WARNING

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

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 the 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 device, such as a tag, to the service panel.
4. Sufficient air is needed for proper combustion and exhausting of gasses through the flue (chimney) of fuel burning equipment to prevent back drafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and local code authorities.
5. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
6. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.

CAUTION

1. For general ventilation use only. Do not use to exhaust hazardous or explosive materials and vapors.
2. This is an automatically operated device and is intended for use with fan facing unoccupied space only!
3. This unit has an unguarded impeller. Do not use in locations readily accessible to people or animals.
4. Mount with the lowest moving parts at least 2.5 meters above floor or grade level.

VENTAMATIC, LTD. P.O. BOX 728, MINERAL WELLS, TX 76068-0728 • PHONE 800-433-1626 FAX 940-325-9311 • WWW.BVC.COM • E-MAIL: BVC@BVC.COM

A leader in the ventilation industry for over 60 years, Ventamatic, Ltd. offers a complete line of air movement products for commercial, industrial, agricultural, and residential use sold under these fine names:

Ventamatic

**Cool
Attic**

**MAXX
AIR**

nuVent

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, bearing in mind that, for neat installation, the "low profile" housing on the unit should be visible on only one side of the roof. This will require that the unit be moved slightly down from the ridgeline.

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 center for the following operations.

STEP 3: Draw a reference square 25 3/8" x 25 3/8" on the roof using the hole drilled in Step 2 as the center. Within the square, draw a 17" diameter circle and remove shingles, nails, and felt from the circle just drawn. Next draw another circle that is 14 1/2" in diameter on the decking. Be sure to use the hole drilled in Step 2 as the center of this circle. *(For your convenience, you may also use the template printed on the product packaging.)* Cut through the decking, using the 14 1/2" circle as the cut line.

STEP 4: 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 1) to align the exhaust openings. 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" inside the perimeter of the flange and begin to secure with nails. Use galvanized roofing nails and follow the nailing pattern in the diagram provided.

WARNING! When installing control box, screw unit in place to prevent damage to the thermostat. Wire the unit according to the diagram provided. Be certain to conform to all electrical codes and regulations. The thermostat is an adjustable on/off control. When the dial is set, the fan will shut off at the setting chosen. The fan will start at 15°F above the setting chosen. **EXAMPLE:** If the setting is 90°F, the fan will turn on when the attic temperature reaches 105°F and will turn off at 90°F.

STEP 5: Check the installation for leakage with water from a garden hose. Do not spray water directly into the vent opening.

INSTALLATION DIAGRAMS

DIAGRAM 1: LOCATION OF VENTILATOR

For a "low profile" installation, ensure that the ventilator is visible on only one side of the roof by positioning the ventilator slightly below the ridgeline.



DIAGRAM 2: NAILING PATTERN

After positioning the flange under the shingles, apply a generous amount of roofing compound between the shingles and the flange approximately 1" inside the perimeter of the flange. Secure the flange with galvanized roofing nails using the nailing pattern at right.

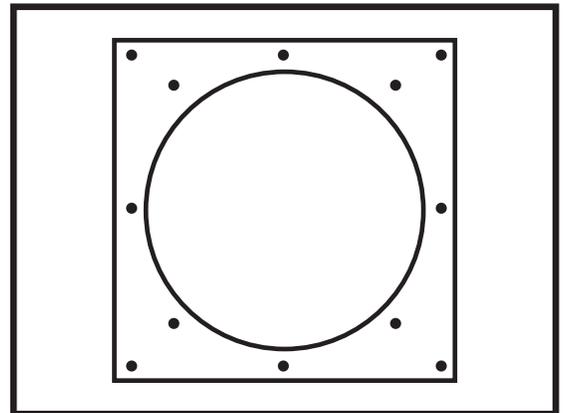
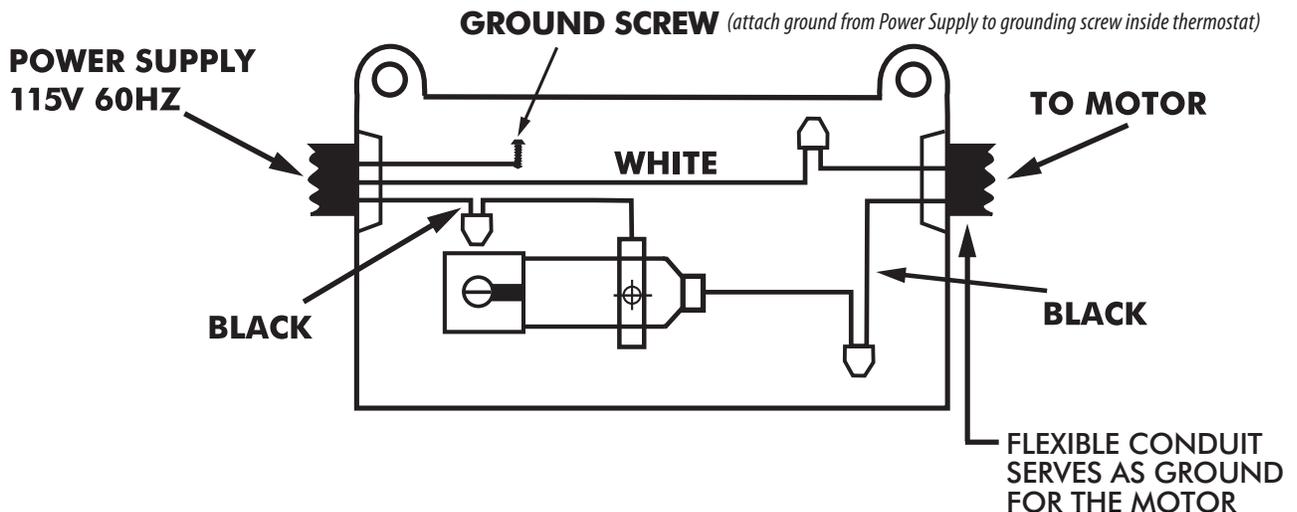


DIAGRAM 3: CONNECTING POWER SUPPLY AND MOTOR WIRING (Not to Scale)



LIMITED WARRANTY

Ventamatic, Ltd., extends this warranty to the original occupying owner of the home where the product is installed. No subsequent purchaser of the product or of the home in which it is installed is entitled to the benefits of the warranty.

The warranty period against defects in materials and/or workmanship is listed by model number:

VXNRG, CX3000	Limited Lifetime
VXSVR, CX4000	Limited 5-Year
VXVIP, CX2001	Limited 2-Year
VX2414	Limited 2-Year
VX1000, CX1000	Limited 2-Year

There is no warranty for defects caused by abuse. In the event of a defect or malfunction, we will replace the defective part or component only and return the new 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 replacement of any part or component and the shipping charges incurred for the 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 or of professional installation before undertaking to perform its obligations under this warranty. You should, therefore, retain your sales slip and attach a copy of it to the warranty claim.

In order to obtain the repair or replacement of this unit, you must select one of the following methods:

A. RETURN TO FACTORY

Return postage prepaid the fan or only part of the fan that you believe to be defective to the following address:

Ventamatic, Ltd
100 Washington Street
Mineral Wells, TX 76067

Complete and enclose a written claim and attach a copy of your proof of purchase or installation.

B. RETURN TO RETAIL DEALER

If the retail dealer from whom you purchased this unit stocks replacement parts or components, you may return the unit which you believe to be defective to that dealer for replacement.

Caution: Only a limited number of our retail dealers stock replacement parts. If your dealer does not, you must return the part to the factory following the procedure described in paragraph "A" above.

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. 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 a 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.