



M SERIES DESIGNER FAN-LIGHTS

The Nuvent Designer Fan-Lights listed in these instructions are designed for use in the bathroom. Approved for installation above a tub or shower enclosure when connected to a UL Listed GFCI protected branch circuit. Not for use in kitchen.

SAFETY INSTRUCTIONS

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



1. Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.
2. Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
3. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
4. Sufficient air is needed for proper combustion and exhausting of gases 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 of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) or local code authorities.
5. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
6. Ducted fans must always be vented to the outdoors.
7. If this unit is to be installed over a tub or shower, it must be marked as appropriate for the application and be connected to a GFCI (Ground Fault Circuit Interrupter) – protected branch circuit.
8. NEVER place a switch where it can be reached from a tub or shower.

CAUTION: FOR GENERAL VENTILATING USE ONLY!

Do Not Use To Exhaust Hazardous Or Explosive Materials Or Vapors.

TOOLS FOR INSTALLATION:



- Screwdriver
- Hammer
- Electric drill
- Keyhole saw or jig saw
- Wire cutters
- Wire stripper
- Wire nuts
- Safety glasses
- Ruler or straight edge



PLANNING

NEW CONSTRUCTION: When installing this product in new construction the housing should be mounted with wiring and duct during the rough-in phase. The blower unit and dome light should be installed after the ceiling is finished.

EXISTING CONSTRUCTION: Installation for existing construction requires access above or behind planned installation location.

WIRING: This product requires 120v AC standard house wiring (with ground) from the power source through a standard wall switch (switches) to the unit's housing. NuVent switch model R2SW can be ordered separately for use with this unit.

DUCTING: For best performance use the following guidelines when planning for the installation of duct work for this unit:

1. Use correct duct size as indicated in installation instructions. (Step 8)
2. Ducting should run from the fan to the outside of the home or building. The duct run should be as short and as straight as possible.
3. Identify the ducting requirements per local/municipal code.
4. When using flexible duct, avoid kinks and always expand the ducting as fully as possible.

INSTALLATION

1. Remove blower assembly before installing housing. Remove screw from blower assembly then slide assembly sideways and lift out. (Fig. 1)

INSTALLATION IN NEW CONSTRUCTION

2. Attach housing to joist through keyhole mounting tabs (Fig. 2) or adjustable hanger bars (Fig. 3) using nails or screws. (Do not tighten.) Adjust the housing so it will not extend past the finished ceiling. The outer edge of the housing should be recessed 1/8" to 1/4" from the finished ceiling.
3. Once housing is correctly positioned, it is important to tighten screws or add additional nails to hold fan housing firmly in position. This prevents vibration and noise.

WIRING

Turn off electrical power at service panel.

4. Remove screw that holds electrical box cover. (Fig. 4)
5. Run 120v AC wiring with ground from the wall switch (switches) to the fan electrical box.
6. Remove one (two) of the electrical knockouts from the fan and pull supply wiring into the electrical box.

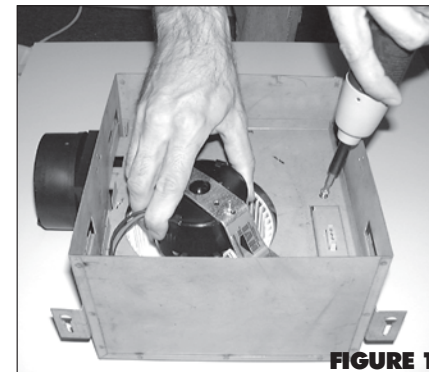


FIGURE 1

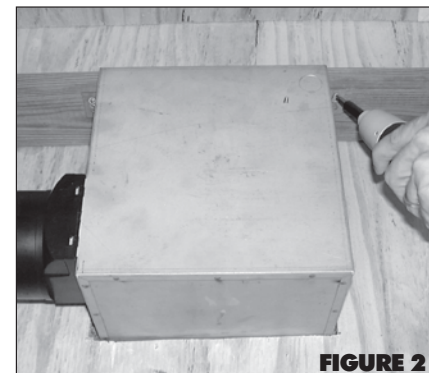


FIGURE 2

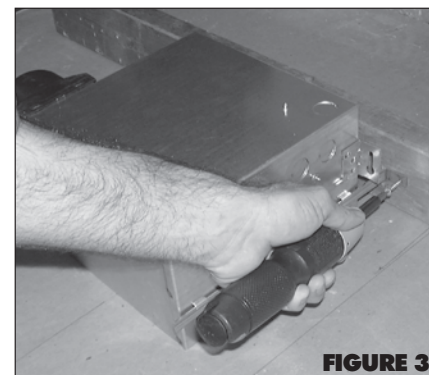


FIGURE 3

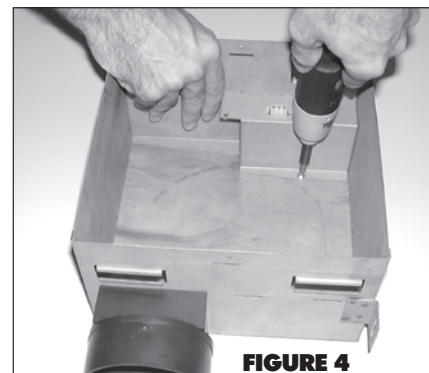


FIGURE 4

INSTALLATION—continued

7. Connect the supply wiring to the fan wiring using approved wire nuts: black to black and white to white. Connect ground wire to green grounding screw on side of housing. Repeat wiring to second plug for light.(Fig.5).

8. Replace the electrical box removed in Step 4.

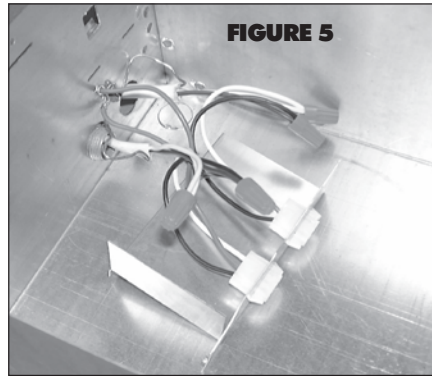


FIGURE 5

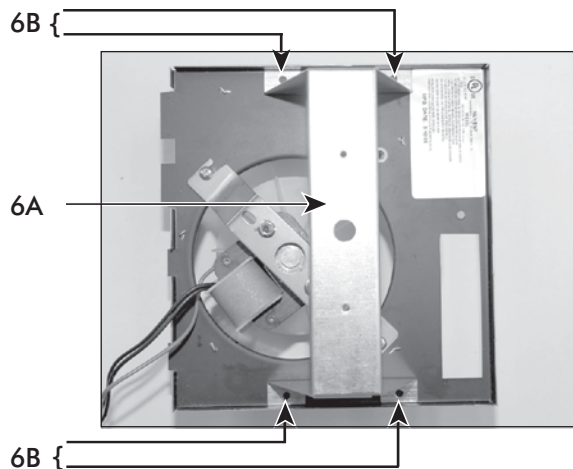
DUCT ATTACHMENT

9. Secure 4" diameter round duct to the fan's duct collar. Ducting should terminate per local/municipal building code.

DESIGNER LIGHT ATTACHMENT

10. Attach the mounting bracket (Fig 6A) to the motor plate (Fig 6 B) with four 1/2" pan head screws (provided).

FIGURE 6

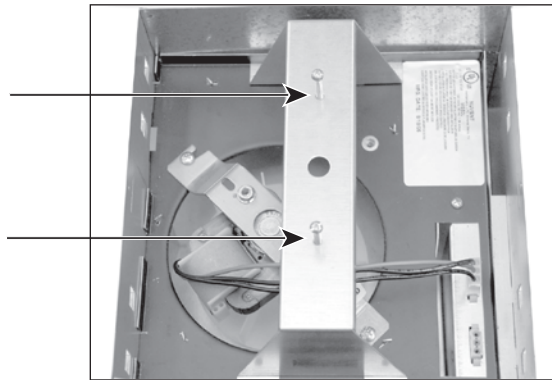


11. Insert the motor plate in the housing and secure motor plate with motor plate screw removed in Step 4.

12. Insert the motor quick connector.

13. Insert the two 2" Phillips pan head screws (provided) in the mounting bracket. See Figure 7.

FIGURE 7

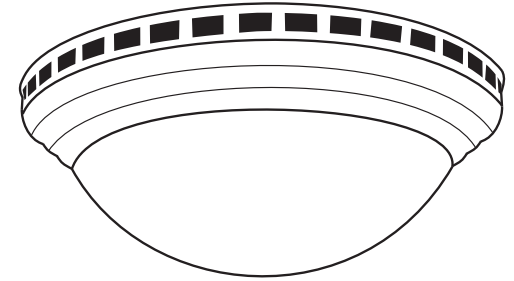


14. Insert the quick connector on the Designer Light frame.

15. Position the keyhole slots in the Designer Light frame over the two screws in the mounting bracket. Twist in place and secure Designer Light frame by tightening screws in mounting bracket.

16. Insert two 60W incandescent bulbs or two compact fluorescent bulbs into light sockets.

17. Install glass dome. Twist slightly to secure.



Models:

NXMD__1AB (__ = CFM rating)

NXMD__1OB (__ = CFM rating)

NXMD__1WH (__ = CFM rating)

NuVent One Year Limited Warranty

Ventamatic, Ltd. warrants this product to be free from defects in materials and workmanship for a period of one year from the date of purchase. Warranty does not apply to product which fails due to abuse, misuse, incorrect installation or improper maintenance.

During the one-year warranty period, Ventamatic will repair or replace, at its option, any product or part which has a factory defect in workmanship or materials.

The foregoing shall constitute our sole and exclusive warranty and our sole and exclusive liability, and is in lieu of any other warranties, whether written, oral, implied or statutory. Under no circumstances will Ventamatic be liable for special or consequential damages occurring in connection with the use or performance of the product or other indirect damages with respect to loss of profits, revenue or property or cost of removal, installation or reinstallation.

Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages and some states do not allow limitations on how long an implied warranty lasts, so the above exclusions may not apply to you.

This warranty gives you specific legal rights and you may have other rights which vary from state to state and province to province.

Fill in information below for your records:

Date of Installation Model # and Product Description

For warranty service or information, please visit the Ventamatic web site at www.bvc.com or call 1-800-433-1626.