

*THE ELIMINATOR 80*

*By*

**nu-air**

*Installation, Operation and Care Manual*

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This package contains the following items:

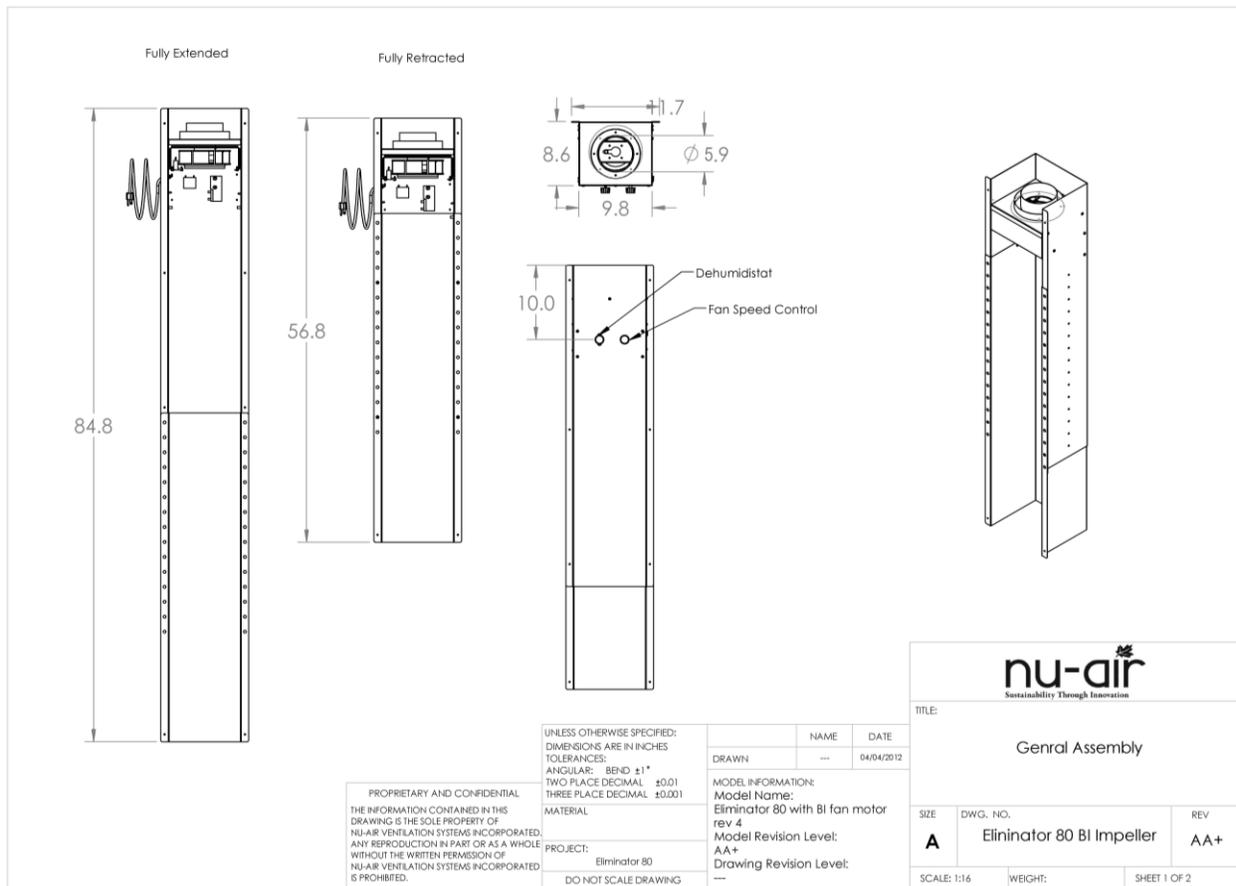
- The Eliminator 80 (1—in two sections)
- Height-adjustment screws (2)
- 6” Outside hood (1)
- 6” flexible insulated ducting (4 ft/1.22 m)
- “Snap-lock” 6” galvanized pipe collar (to join flex pipe and outside hood)
- Self-adhesive gasket (20 ft/6 m)
- Tie wrap (“zip-tie”) (1).

## REQUIRED TOOLS & MATERIALS:

To install the Eliminator 80 you will need the following tools and materials.

- Reciprocating saw, jig saw or 6 ½” hole saw
- Drill, measuring tape, screwdriver, utility knife, pliers (to cut flexible pipe ribbing as needed)
- Outdoor caulking, caulking gun
- Vapor barrier/duct tape
- Appropriate (e.g. concrete, wood) screws and washers (typically 4-8) to mount Eliminator to the wall, screws to mount pipe collar to hood (min. 3) and screws to fix hood to outside wall (4)
- Sheet rock anchors (as needed for installation in finished areas).

\*When considering use of a basement ventilator, be aware that your local building code might have considerations surrounding their use (due to potential for negative air pressure) in mechanical rooms where a standing pilot light is used in furnaces, hot water heaters, etc.

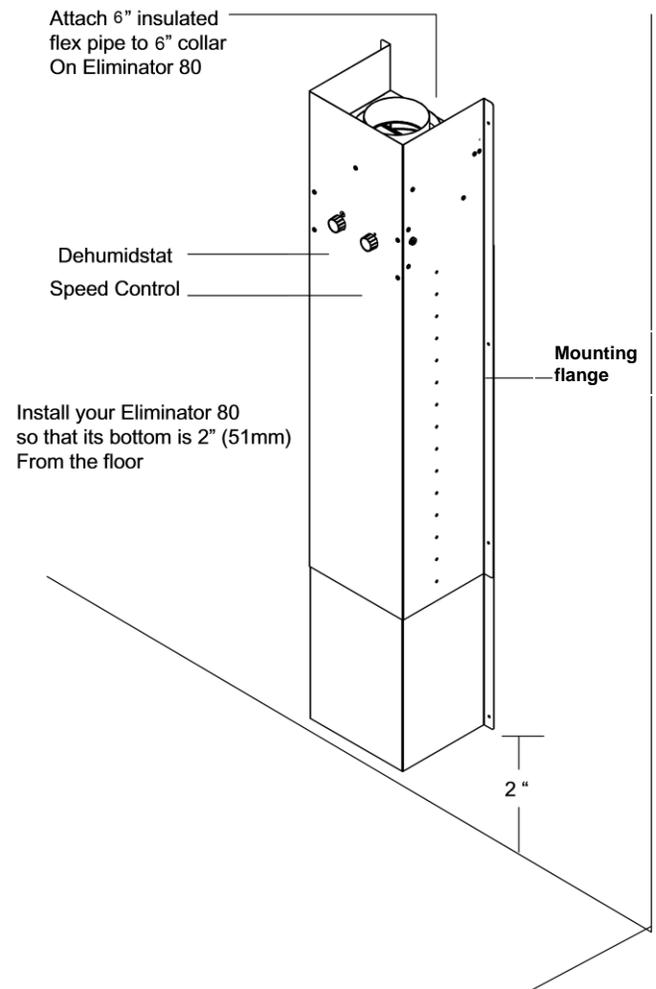
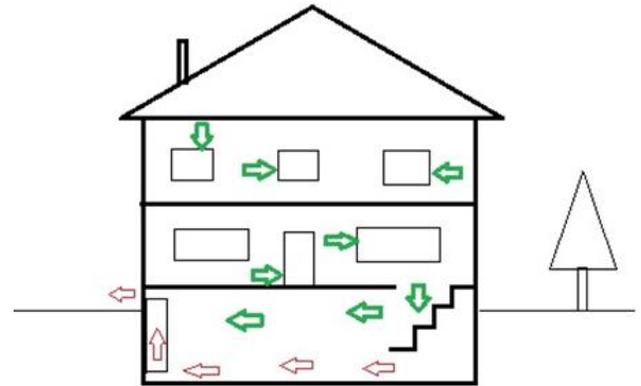


## HOW IT WORKS

A basement extractor is installed so that its intake section is positioned just above the floor—right where heavy, damp air collects. By pulling this heavy air out of the space, out go unpleasant smells, damp air and factors which contribute to mold growth. As this air is exhausted from the space, air naturally moves in from the rest of the house and from outdoors, by seeping into the home through tiny voids around windows and doors, and into the basement space.

## INSTALLATION INSTRUCTIONS:

1. Determine where the Eliminator 80 will be located.  
It must be against an outside wall and should be near an electrical outlet. Avoid conditions that may inhibit air flow to the unit.
2. To set the height of the Eliminator 80, tighten the adjusting screws on the side of the unit in the desired position. **The Eliminator 80 can be set on the floor to draw air through its louvers. If you have a model without louvers, or are using only the top section, install so that the bottom edge of the unit is raised 2 inches (51 mm) above the floor.**  
Cut two pieces of gasket material equal to the height of the Eliminator 80. Attach to the back of the mounting flanges to form an air seal against the wall.
3. Using a reciprocating, jig or hole saw, cut a 6½-inch (152 mm) diameter hole through the wall or sill plate. This is where you will run the flex pipe between the Eliminator 80 and the outside hood. Before making the hole, be sure there is no plumbing, electrical wire or other obstruction behind the wall or outside.
4. Secure flex pipe and sheathing to the collar on the Eliminator 80 with tie wrap(s) supplied.
5. Feed pipe to the outside for later hood connection.
6. Stand the Eliminator 80 against the wall where it is to be mounted. Drill a pilot hole for your sheet rock anchors (finished wall) using the predrilled holes in the mounting flange of the Eliminator 80.
7. Insert the anchors and fasten the Eliminator 80 to the wall using a washer and screw in each hole.
8. Outside of the house, connect the 6” pipe collar to the outside hood flange using 3 screws.
9. Cut the flex pipe to length so that it reaches over the collar, near the base of the outside hood.
10. Peel back the flex pipe insulation/sheathing. Tape the flex pipe, then insulation/sheathing, to the pipe collar close to the base of the hood, allowing for a sturdy connection and a good seal.
11. Mount the hood to the outside wall using screws. Use caulking to seal between the house and hood.
12. Plug the Eliminator 80 power cord into a standard 120 V outlet.



**OPERATION:**

As the need for ventilation will vary from home to home, the unit is equipped with a humidity control and a speed control for flexible operation. The humidity control monitors humidity. When the ambient relative humidity (RH) exceeds the set point on the humidity dial, the fan will go to high speed until RH drops below the setpoint. The speed control is used to set fan speed for continuous operation (if desired) whenever the humidity control is not triggering high speed operation. Turning the speed dial clockwise from OFF changes fan speed from a higher to a lower range. The table below explains various ways to operate your Eliminator.



Operation	Set Humidity Dial to:	Set Speed control to:
OFF	OFF	OFF
Low Speed Continuous	OFF	Desired setting
High Speed Continuous	ON or OFF	High speed range
Intermittent High Speed, based on ambient RH	Desired RH setting. Unit goes to high speed while RH is above setpoint.	OFF
Low speed with intermittent high speed, based on RH	Desired RH setting.	Desired low speed setting.

**Typical Humidity Dial Settings.** Fall to spring: 40-60%; summer: OFF.

**MAINTENANCE:**

Every 3 months, check hood for blockage.

**YOUR *NU-AIR* ELIMINATOR 80  
TRANSFERABLE WARRANTY  
(CANADA AND THE USA)**

Should your NU-AIR Eliminator 80 cease to function within two (2) years of the original date of purchase due to defective material or workmanship of the product, Nu-Air Ventilation Systems Inc. will replace FOB Factory the defective part. Delivery, installation and labour cost are not covered by this warranty. This warranty does not cover damage to the unit while your possession (other than damage by defective parts or material). Improper maintenance voids this warranty. If the unit is put to commercial use or application other than residential use, the warranty is for a period of one (1) year.



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