

THE ELIMINATOR

By

nu-air
Sustainability Through Innovation



Installation, Operation and Care Manual

Congratulations on purchasing the Eliminator by Nu-Air Ventilation Systems Inc.: the most practical way to eliminate excess humidity from damp basements without contributing to depressurization and associated furnace back drafting.

CONTENTS:

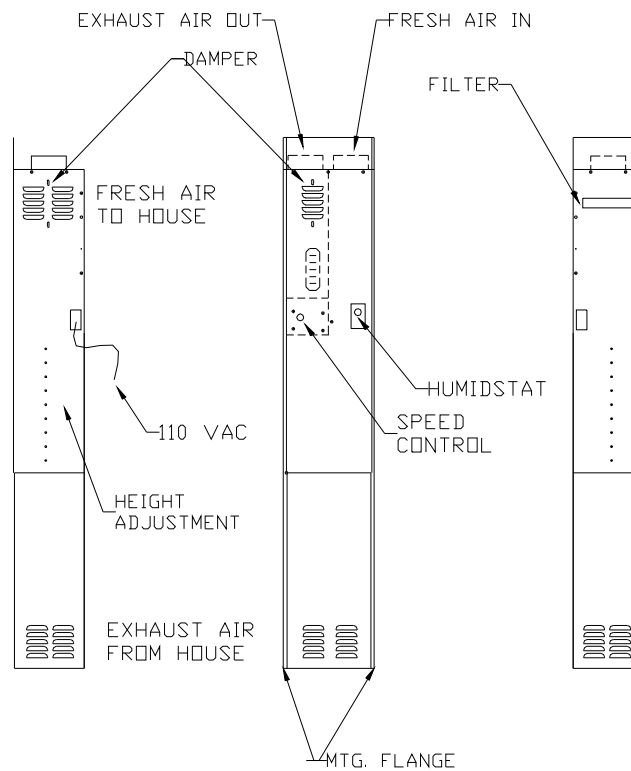
This package contains all the necessary hardware to install the Eliminator. You should have received:

- The Eliminator (1)
- 5" Outside hoods (2)
- 5" flexible insulated ducting (8 ft)
- Self-adhesive gasket (20 ft)

REQUIRED TOOLS:

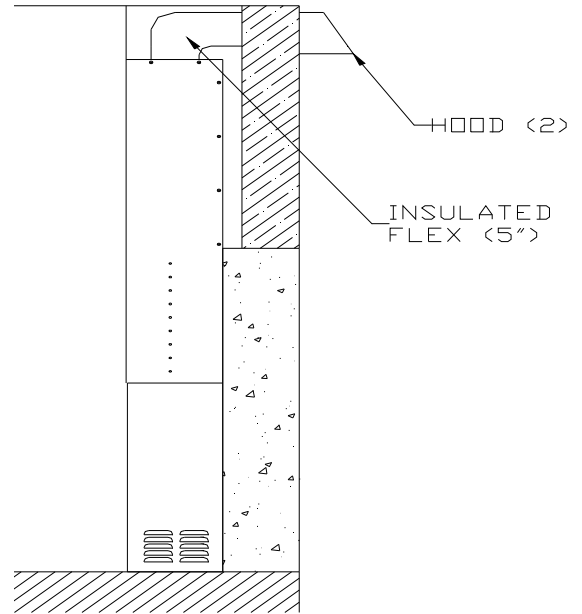
To install the Eliminator you will need the following tools.

- Reciprocating or jig saw
- Caulking gun
- Flexible caulking
- Duct tape
- Pan head wood screws and washers
- Sheet rock anchors
- Drill, tape measure, screwdriver, utility knife



INSTALLATION INSTRUCTIONS:

1. Determine where the eliminator will be located. It must be against an outside wall and should be near an electrical outlet.
2. Measure the height of the room from floor to ceiling and adjust the eliminator to the room height less 8 inches. Tighten the adjusting screws on the side of the Eliminator at this height. For crawl spaces, use only the top section raised off the floor by 2 inches.
3. Cut two pieces of gasket material equal to the height of the Eliminator. Attach to the back of the mounting flanges. This will form an air seal against the wall.
4. Use the remaining gasket to make a seal on the bottom flange of the Eliminator.
5. Mark the center of two 5 1/2" diameter holes 4" below the ceiling and no more than 54" apart. This is where you will drill for the outside hoods. Make sure there is no plumbing, electrical wire or other obstructions behind the wall or outside.
6. Use the hole saw and cut two holes completely through the wall.
7. Measure the amount of flex needed. Secure flex to the top collars on the Eliminator with tie wraps supplied.
8. Run flex to the outside and cut with knife.
9. From the outside of the house, peel back 3-4" of the insulation from the flex ducting and tape the flex to each of the outside hoods.
10. Mount the hoods to the outside wall using caulking to create a seal between the house and hood and fasten with wood screws.
11. Stand the Eliminator 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.
12. Insert the anchors and fasten the Eliminator to the wall using a washer and wood screw in each hole.
13. Plug in the Eliminator, and set the dehumidistat to the desired level: 40% – 60%. recommended. Your Eliminator will engage high speed when levels exceed the set point.
14. Turn on the Eliminator by turning the speed control clockwise until you hear a click (this is high speed). Set the speed control to its continuous operation setting. Clockwise = lower speed. We recommend you start out at the lowest setting and adjust based on room size and severity of the humidity problem.



OPERATION

Summer

The Eliminator can be used in exhaust only mode by closing the dampers located at the top of the machine for the fresh air supply. Simply loosen the thumbscrews; slide the damper plate down. Tighten the screws.

Winter

During the heating season you can balance the exhaust with an equal amount of supply air so as not to contribute to back drafting of combustion appliances. Open the dampers located at the top of the machine for the fresh air supply. Simply loosen the thumbscrews; slide the damper plate up. Tighten the screws.

MAINTENANCE INSTRUCTIONS

Every 3 months: Vacuum filter, check intake hood for blockage, clean supply and exhaust louvers with a damp cloth.

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

Should your NU-AIR Eliminator cease to function within five (5) 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.

Remember to return your Warranty Registration Card.



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