

1. Information on ATMOX Power Supply

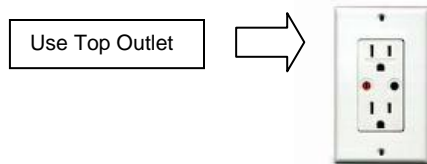
- The Power Supply has 100 Watts and can power up to 10 ATMOX DC Fans.

The following items will be needed (They can be purchased from ATMOX.)

- 14 Gauge** Landscape lightning **cables** (Low voltage cable). Length depends on size of your house. These low voltage cables are normally found in the hardware section where landscaping lights are sold.

Note: Power consumption per double fan is 15 Watts. There is **a limit** to how far DC current will travel without a considerable loss in voltage. If the circuit is more than 100 ft long we recommend splitting it into a “Y” configuration.

- X-10 SR227 Receptacle. When using the power supply in conjunction with the ATMOX Smart or Compact Controls, the power supply needs this receptacle to receive the signal to turn fans on and off. The power supply **MUST** be plugged into the top outlet of the receptacle. The lower outlet will cause the fans to run continuously.



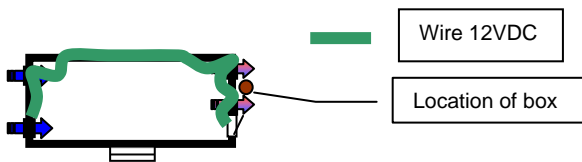
2. Installing the Fans

2.1 Safety Instructions:

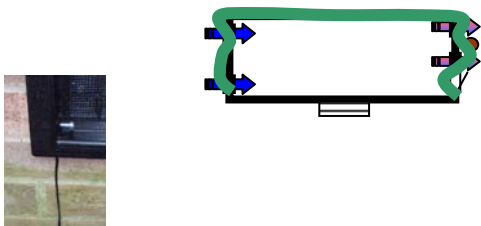
The fans are designed for **residential use only**. **Do not use to exhaust or intake hazardous or explosive materials or vapors**. When you service and clean the fans make sure the fans are disconnected.

2.2 Low Voltage Connections of the fans

The wiring for connecting the fans is generally run through the crawspace.



If crawspace is very shallow or not even accessible then the wiring can be run from the outside as well.



If running wire from the outside, the cable can easily be brought behind the fan at a corner of the grill.

2.3 Steps for hooking up fans to low voltage cable

- Use a low voltage 14 gauge cable
- Connect the red and black banana plugs to the end of the cable



- a. From the cable, select the wire with the grooves on the side. Use this as the negative (-) side. Mount the black banana plug on this side.
 - b. Use the cable with the markings (----) as the positive (+) side. Mount the red banana plug on this side.
 - c. The banana plugs mount by inserting the cable and then tightening the screw on the back until it holds tight.
 - d. Note: This plugs are already mounted on the wire if purchased from ATMOX. Also, if you purchase cable on your own and the markings are different, it doesn't matter as long as you are consistent with a positive and negative side.
 - e. The jacks for the banana clips are color-coded on the control box. They should only be connected AFTER the wires are all hooked up to the fans.
3. Inside the crawlspace begin pulling the wire through the crawlspace going around to all the locations where the fans will be located. To keep the wire out of the way and off the ground, staple the wire or use nailing clips to secure the wire to the joists. Leave extra slack at each fan location to work with the cable.
 4. At the fan location, separate/split the 14 gauge cable in the middle for about 6 inches. Use a knife to split the wire.
 5. Take the fan wire that is provided. Strip 1 inch of wire insulation from fan connector wire and twist it back onto itself over the insulation on each side.
 6. Mount the yellow banana clips (provided).



- a. Take your negative (-) wire (with the grooves) and insert into the banana clip so that it go completely through the clip. Then take the fan wire and take the cable with the white on it and insert into the banana clip so that it is on the side that goes halfway through. Take pliers to push the metal down into the wire. Then close up the cover on the clip.
 - b. Take the positive (+) wire (with the markings -----) and repeat the same step as (a) using the fan wire cable that does not have the white on it
7. Plug the coax cable from the fan wire into the jack on the back of the DC fan. Connection at fan is center (-), otherwise the fan will not operate.



8. Repeat steps 4 through 7 for each fan

3. Limited Two-Year Warranty of ATMOX System

This two-year warranty covers all Goods sold by ATMOX INC. The warranty period is for two years from date of invoice.

The Goods or hardware parts covered include all the control boxes, fans, sensors and wiring of components. ATMOX will replace or repair any of the necessary components of the system that have a manufacturer's defect or are no longer working due to normal wear and tear. The parts will not be covered from any damage caused by acts of God (including lightning strikes and floods), vandalism, electrical surges, fire or other casualty.

ATMOX is designed to improve conditions in the crawlspace yet is limited by atmospheric conditions. It is also a crawlspace management tool to provide information and warnings to you when problems may occur.

This warranty does not include any representations regarding mold, insects, termites, water, HVAC or other problems that may occur in a house structure. The warranty does not include any damage or cleanup of the house structure. ATMOX INC'S LIABILITY AS PROVIDED UNDER THIS LIMITED WARRANTY IS STRICTLY LIMITED TO REPAIR OR REPLACEMENT OF THE GOODS.

4. Contact Information

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