

## ATMOX Crawlspace System

- Reduces moisture with outside “dry” air
- Ventilates only when beneficial to crawlspace
- Powers fans and controller all from one outlet
- Uses low voltage 12V DC-Powered fans and cable
- Creates cross circulation of air flow with exhaust, intake and dead area fans
- Is fully automatic once installed
- Runs very energy efficiently
- Has option to incorporate a dehumidifier
- Addresses odor issues in closed and vented crawlspaces



### ATMOX Goal:

ATMOX reduces moisture in the crawlspace to avoid many crawlspace issues.



### ATMOX Principle:

**Crawlspaces need dry air and proper ventilation.**

ATMOX uses fresh dry air from the outside only when it will improve the conditions in the crawlspace. Indoor air quality in turn improves from fresh air infusion at the right times.

### ATMOX Difference:

**ATMOX System uses a dew point comparison** of outside conditions and crawlspace conditions to reduce undesired moisture through proper ventilation.

**ATMOX System is very energy efficient** with most homes using less than 60 watts of power. This is equal to running a standard light bulb.

**ATMOX is a low voltage power and wiring ventilation system.**

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## ATMOX Controls

The **ATMOX** System offers controlled ventilation of the crawlspace with great flexibility in choice, setup and configuration of fans. Monitoring and alarm notifications from the display screen can inform a homeowner of any possible changes in the crawlspace.

There is no limit to the number of fans that can be controlled from the **ATMOX** Control Set, allowing for adaptation to most any crawlspace whether it has a simple or unique layout.

Once installed, the **ATMOX** System will automatically determine the best course of action to improve the conditions in the crawlspace. The system uses inside and outside sensors to measure temperature and humidity levels and calculates dew point in each location to compare conditions. The software is sophisticated enough to take into account and adjust for seasonal variations and prolonged changes in temperature and humidity.

## ATMOX Fans

The goal of the fans is to create a cross circulation of air over the entire area of the crawlspace. This is generally achieved with one side of the house set up as an exhaust side and the opposite side as an intake side. Additionally, any dead space or corner areas can be reached through the use of joist-mounted dead space or pipe fans.

**ATMOX** fans are designed to be quiet, yet they still have plenty of power to increase air circulation throughout the crawlspace. Since foundations and vent openings are often constructed differently, **ATMOX** fans come in various models to accommodate different construction styles.



The **ATMOX** System is modular so any number of fans can be used in multiple configurations based on need. The **ATMOX** DC-powered fans connect to the **ATMOX** controls via a 12V DC low voltage cable to receive both their electrical power and signal for operation. The entire **ATMOX** system including fans requires just one electrical receptacle, which minimizes or eliminates the need for an electrician at time of installation.



## Dehumidifiers

The **ATMOX** System can efficiently incorporate a dehumidifier as a secondary drying action to be used in those cases when dry outside air is not available. Most **ATMOX** Systems will not use a dehumidifier, however some geographic areas and certain crawlspaces suffer from excessive ground moisture and extreme climates.



All **ATMOX** products are assembled in the USA with domestic and foreign components.

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