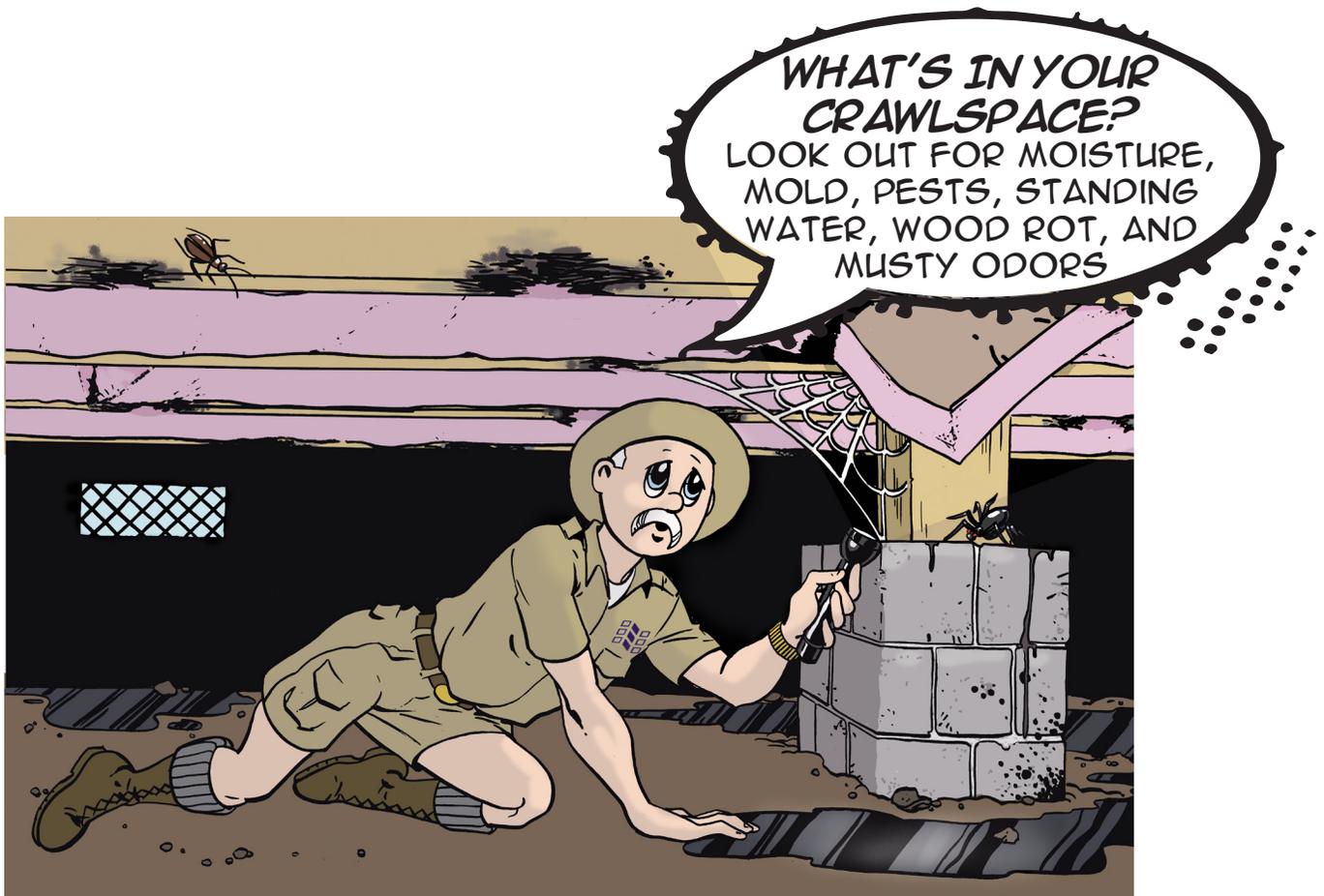


CRAWLSPACE

Controlled Ventilation System

ATMOX is the leading solution for managing moisture in your crawlspace through a custom ventilation system



STEP 1

Address Water Intrusion

Solving a moisture problem is different than solving a water problem. Water needs to be directed away from the foundation as much as possible. In cases where groundwater continues to come into a crawlspace, a drainage system may be needed.



STEP 2

Add Vapor Barrier

ATMOX recommends 100% ground coverage using a vapor barrier. This barrier alone will not suppress or eliminate all moisture. Its purpose is to slow the release of ground moisture giving the crawlspace more time to ventilate. There are variations in materials and installation based on your home and geographic area. Talk to your installer about the right solution for your home.

STEP 3

Install ATMOX Controlled Ventilation System

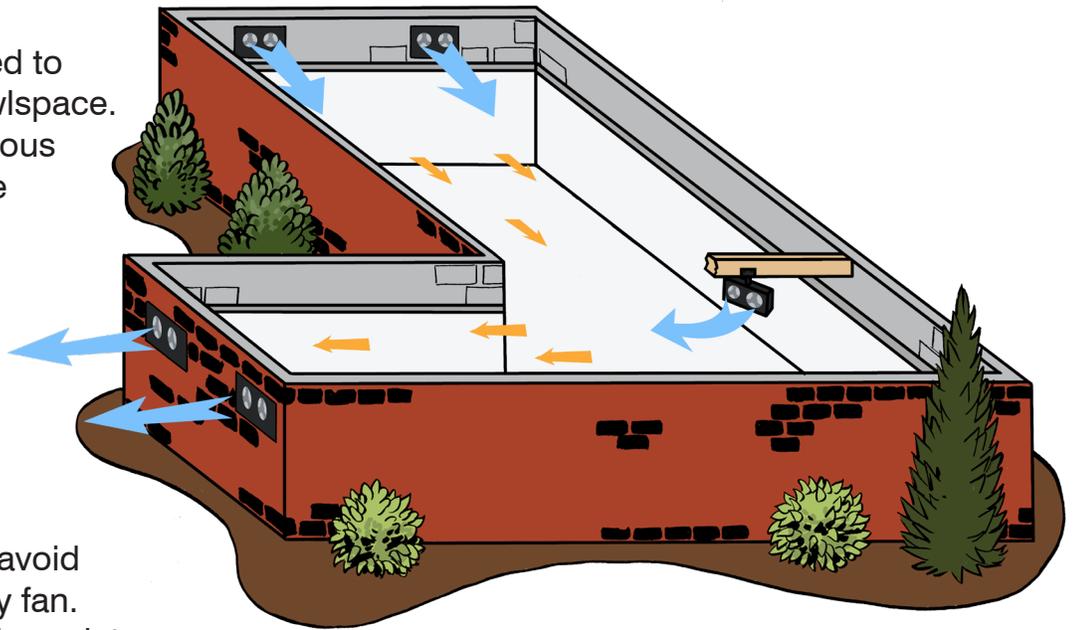
Through the use of controls, fans and optional dehumidifier, the ATMOX system will reduce the moisture accumulating in the crawlspace.



The ATMOX Controlled Ventilation System is designed to decrease moisture levels in your crawlspace and protect the structure of your home. The ATMOX System uses a unique combination of fans, sensors and a computerized control panel to achieve proper ventilation through dew point comparisons. ATMOX is not just looking at one measurement but is comparing inside and outside conditions to effectively determine when air should be exchanged in the crawlspace or an optional dehumidifier should be used. System is fully automatic once installed, and fans will only run when the outside air is beneficial in reducing moisture and within proper temperature parameters.

Balanced Airflow

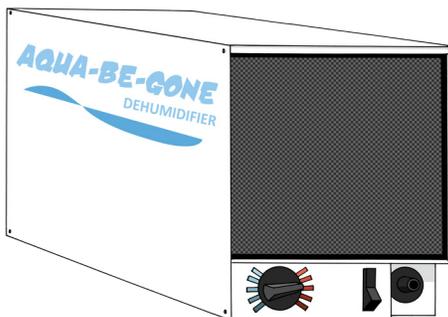
An ATMOX System is designed to address all areas of your crawlspace. The ATMOX fans come in various styles such as Exhaust, Intake and Dead Area Fans to get a cross ventilation of air throughout the entire space. Your installer will come up with a plan for fan layout customized for your crawlspace.



ATMOX uses multiple fans to avoid having an oversized and noisy fan. ATMOX fans are designed to be quiet.

Optional Dehumidifier

The ATMOX system can incorporate an optional dehumidifier as a secondary drying action. Most homes will not need a dehumidifier. For homes in certain geographic climates or with excessive ground moisture, the dehumidifier can be used as part of the overall moisture control solution. Talk to your installer about your specific situation.



ATMOX minimizes the operation of a dehumidifier as it will use a significant amount of electricity. Dehumidifiers alone are not an energy efficient solution and can be costly to operate. Additionally, dehumidifiers are less effective in cold environments.

Wood Moisture

ATMOX focuses on long-term average wood moisture content.

Moisture problems such as wood rot and fungal growth don't happen in an hour or a day. It takes an extended period of time for these problems to arise. Occasional spikes in humidity don't necessarily indicate a problem.



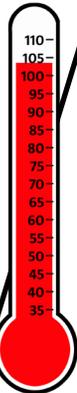
Dew Point

ATMOX ventilation is triggered on a dew point comparison. A higher dew point means there is more moisture in the air, and a lower dew point means there is less moisture in the air. Humidity alone does not provide true moisture information without temperature.



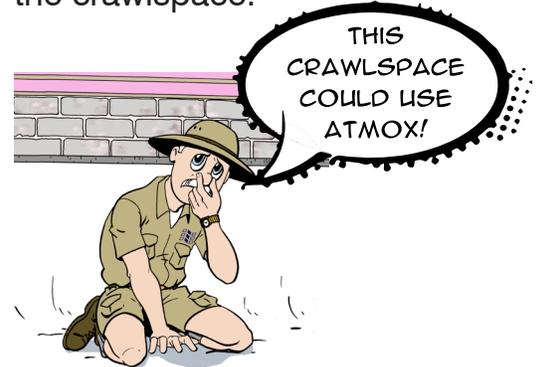
Temperature

ATMOX takes extreme temperatures into consideration. To avoid below freezing air being added to the crawlspace, the ATMOX software incorporates minimum operating temperatures. High temperatures are also evaluated to remain as energy efficient as possible.



Indoor Air Quality

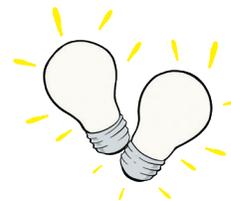
In most homes, air from inside the crawlspace can permeate up into the living space of the house. Odors sometimes build up underneath vapor barriers and crawlspace liners and seep into the crawlspace.



The ATMOX fans will exchange the musty air with fresh air from the outside. As houses are being built more tightly due to energy efficiency, introducing fresh outside air is a priority in order to improve indoor air quality.

Energy Efficiency

ATMOX is engineered for energy efficiency. By using low voltage fans, the ATMOX system has

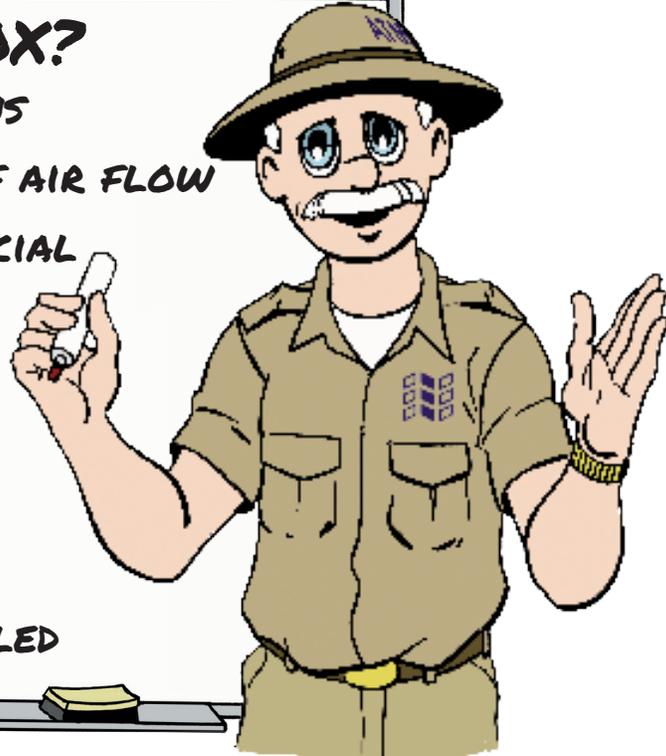


minimal electricity usage. In fact, the entire system of controls and fans will use less than 150 watts of power when running – that

is the equivalent of just two old-fashioned light bulbs.

WHY ATMOX?

- USES POWERFUL, YET QUIET FANS**
- CREATES CROSS CIRCULATION OF AIR FLOW**
- VENTILATES ONLY WHEN BENEFICIAL**
- ADDRESSES ODOR ISSUES**
- ENERGY EFFICIENT, USES LESS THAN 150 WATTS OF POWER**
- OPTION TO INCORPORATE A DEHUMIDIFIER**
- FULLY AUTOMATIC ONCE INSTALLED**



ATMOX is the sole manufacturer and marketer of the ATMOX control sets and ATMOX fans, which are all assembled in the USA.

www.atmox.com

ATMOX INC.
10612-D Providence Rd. #229
Charlotte, NC 28277
Phone: 704-248-2858
info@atmox.com

MOISTURE CONTROL SYSTEM FOR CRAWLSPACES



ACE Control Set integrates all components by monitoring conditions inside and outside of crawlspace to determine operation and provide a notification tool.



1



DISPLAY



2



CONTROLLER



SENSORS

Measure temperature and humidity



Wood
Provides key wood moisture measurement and notification



Water
OPTIONAL
Notifies of a water backup issue





- Create cross circulation of air and balanced airflow with exhaust and intake fans
- Features vary by model selected:
 - Mount externally in a standard crawlspace vent opening
 - Mount internally behind vent openings
 - Incorporate louvers to keep crawlspace closed when not in operation
- Power via low voltage cable



- Create airflow in areas that don't have air movement from intake and exhaust fans alone
- Power via low voltage cable



- Used as a secondary drying action when outside air is not beneficial
- Controlled automatically through ATMOX system



- LED lights for energy efficient usage
- Controlled directly from display
- Power via low voltage cable



ATMOX products are assembled in the USA with domestic and foreign components.
 ATMOX products come with a Limited Three-Year Warranty.