

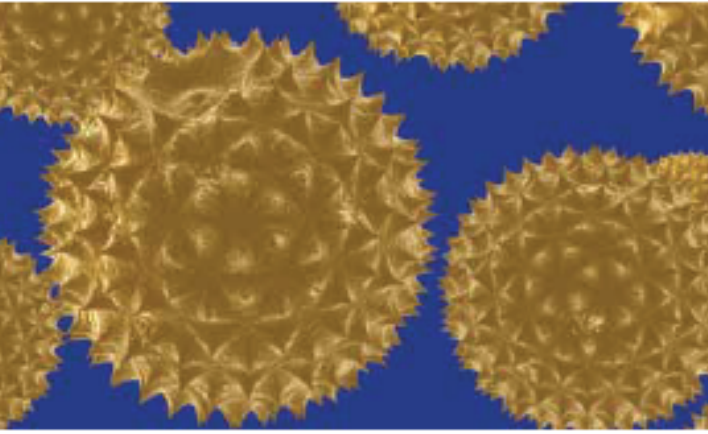


If you could **SEE** the air  
you're **BREATHING,**

**YOU'D HOLD  
YOUR BREATH.**



**E-Z Breathe**  
ventilation system



# Your Indoor Air Environment: It's Not As Safe As You Might Think

Drive behind a truck on the interstate that burps out a cloud of thick black exhaust and you instantly identify it: air pollution.

Pass a factory with smokestacks billowing dark gray smoke into the sky and you see contaminants being released into the air.

But, have you ever considered the air inside your own home? **Sobering studies by the U.S. Environmental Protection Agency show that "indoor air is a minimum of five times more polluted than outdoor air."** It's no surprise, then, that the Environmental Protection Agency ranks indoor air pollution as a high-priority public health risk.

## But just how did we get here?

The energy crisis of the 1970s called for new building codes requiring more energy and cost efficient homes. The end result was decreased air movement, changing from 15 cubic feet to 3 cubic feet of air movement per person per household. Today, we realize that these tighter building and remodeling practices have left us with a polluted, toxic indoor environment, often referred to as "Sick Home Syndrome."

## How do I contribute to this problem?

Many indoor pollutants come from materials used in the construction process or from furnishings and chemicals brought into the home. What's more, everyday living adds to the problem: moisture from showering, cooking, cleaning, doing laundry, and vacuuming; using hairspray, nail polish, paint; even petting the family dog—it all leads to a more polluted indoor environment, as these toxins have no way to escape the home. This toxic environment contributes to the sharp rise in asthma and allergy sufferers, an increase of 700% in the past 15 years!

## Moisture: Another Contributing Factor

According to the EPA, moisture is a key ingredient to indoor pollution. Research has documented "as much as 15 gallons per day of water vapor enter a basement / crawlspace space via transmission through walls, floors, cracks and by evaporation." Three major issues present in today's energy efficient homes magnify the moisture problem:

- **Tighter homes** do not provide an escape route for the moisture
- **The resulting buildup of excess moisture** leads to dangerous mold growth
- **Homes lack proper ventilation**, so we constantly breathe in the same stale air

## Moisture Breeds Mold

Invasive. Toxic. Deadly. We've read news articles and seen TV reports about the dangers of toxic mold—and the growing number of lawsuits based on property damage and illness caused by the fungus. The reality is that mold poses a threat to all of us. From costly insurance premiums to asthma and other respiratory ailments, mold is a growing problem—one that can be controlled by eliminating its source: excess moisture.

**According to the World Health Organization, indoor air pollution causes about 14 times more deaths than outdoor pollution, or about 2.8 million lives each year.**

**"Because children breathe a greater volume of air relative to their body weight, they may well be even more susceptible to air pollution than adults."**

Judith Rajhathy, BA., R.N.C. Taken from her article, "Sick Schools, Sick Kids," retrieved electronically 5.13.02.

# What Experts Are Saying

## ...about poor indoor air quality

*"Indoor air pollution ranks among the top five environmental risks to public health... Up to 30% of new and renovated buildings contain unhealthy air."*

–U.S. Environmental Protection Agency

*"Most of a person's daily exposure to many air pollutants comes through the inhalation of indoor air."*

–World Health Organization

*"In the last several years, a growing body of scientific evidence has indicated that the air within our homes and other buildings can be more seriously polluted than outdoor air. Research indicated that people spend 90% of their time indoors. Thus, the risks to health may be greater."*

–The U.S. EPA and U.S. Consumer Product Safety Commission, April 1995

## ...about related health risks and asthma and allergies

*"Illnesses related to indoor exposure to biological and chemical substances include respiratory tract infections and disease, legionnaire's disease, cardiovascular disease and lung cancer."*

–World Health Organization

If too little air enters a home, pollutants can accumulate to levels that pose health and safety problems. *"Unless they are built with a special mechanical means of ventilation, homes that are designed and constructed to minimize the amount of outdoor air that can 'leak' into and out of the homes may have higher pollutant levels than other homes."*

–EPA and U.S. Consumer Product Safety Commission

*"The upsurge of asthma in young children is causing greater economic and social damage."*

–World Health Organization

*"Over 50% of homes had at least six detectable allergens present."*

–AAAAI, American Academy of Allergy Asthma and Immunology

*"There are 1,000 subspecies of indoor allergens."* –U.S. Environmental Protection Agency

*"Allergic reactions can be triggered by dust mites, mold spores, animal dander, pollen drugs, chemical sensitivities and airborne particles."* –U.S. Environmental Protection Agency

## ...about mold in the home

*"Mold and mildews release disease-causing toxins...Toxic reactions can damage a variety of organs and tissues in the body, including the liver, central nervous system, digestive tract, and immune system."*

–U.S. Environmental Protection Agency

*"Homeowners should be aware that mold should be cleaned up as soon as it appears. Keep in mind that mold cannot grow without access to moisture. The most effective way to treat mold is to immediately correct the underlying water damage and clean the affected area."*

–Insurance Information Institute

## ...about the need for ventilation

*"There are three major strategies for reducing indoor air pollution: Source Control, Ventilation and Air Cleaning."*

–The American Lung Association and Environmental Protection Agency

*"Every home needs ventilation to protect people from unhealthy indoor pollutants."*

–Home Ventilating Institute



# Cleaner, Healthier Living: The E-Z Breathe® Ventilation System Delivers.

The American Lung Association and EPA recognize three major strategies for reducing indoor air pollution:

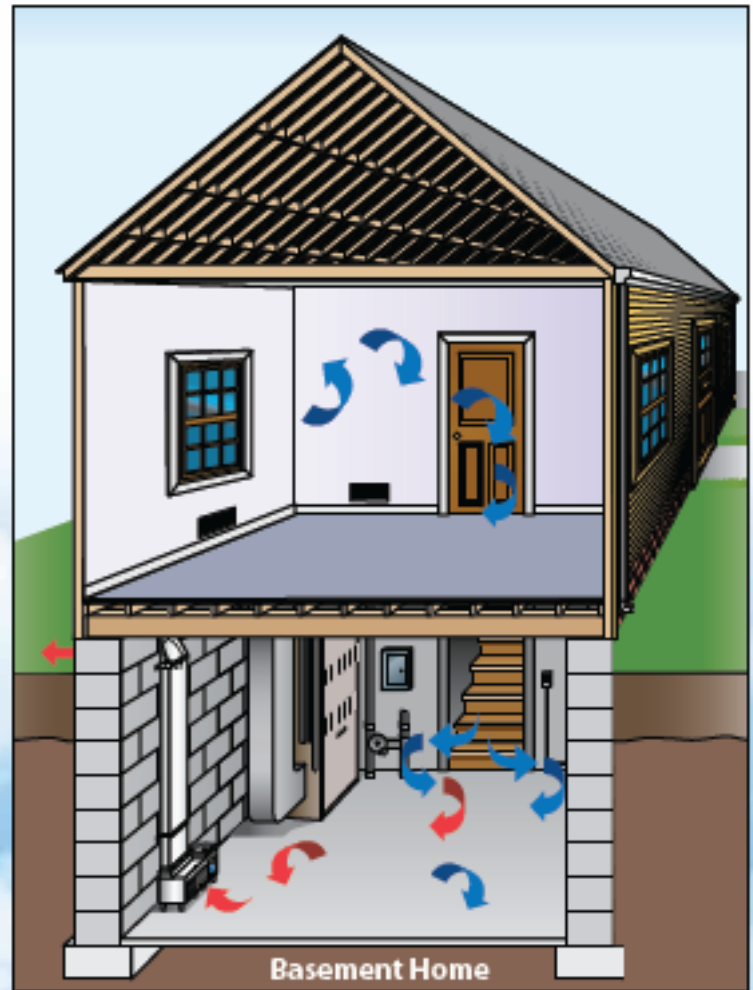
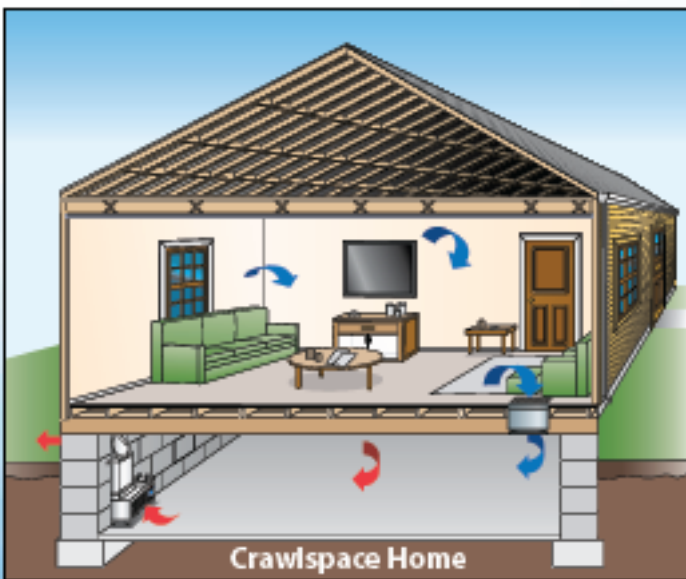
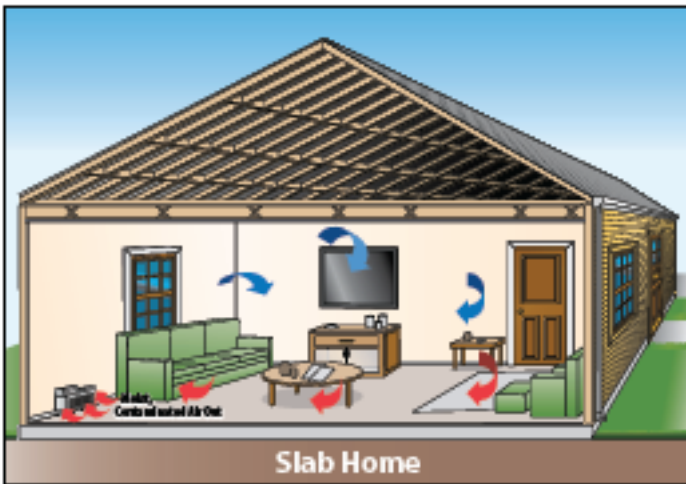
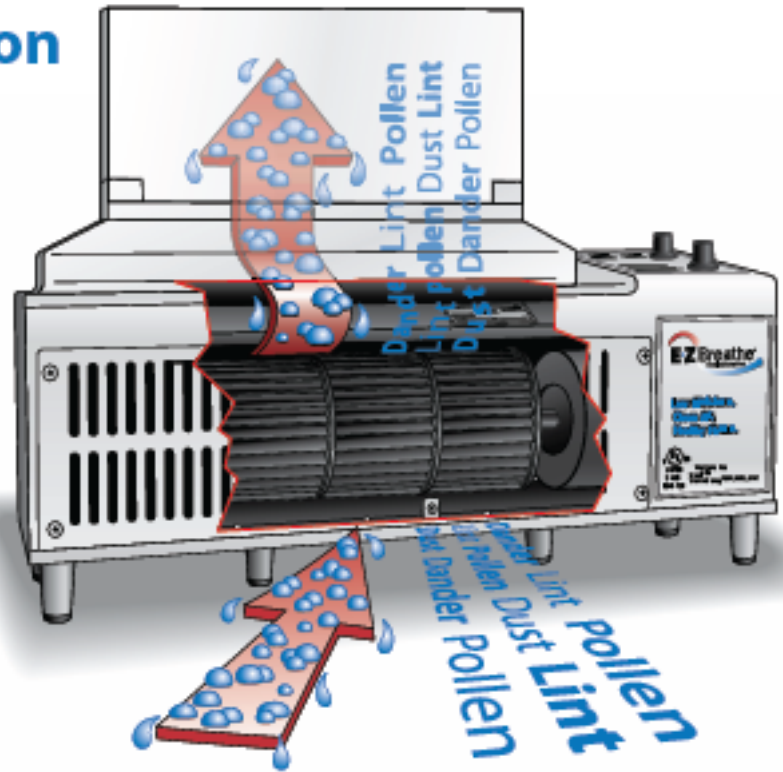
- Source control
- Ventilation
- Air cleaning

EZ Breathe tackles them all for noticeably cleaner and fresher indoor air.

*"Now when we enter our house, it feels like we're walking into a new home! The EZ Breathe system has helped to solve our moisture and mold problem, and completely removed the stale, musty odor — for good."*

—Richard and Tonya Spaggins

Replaces the air in your home up to 10 times per day!

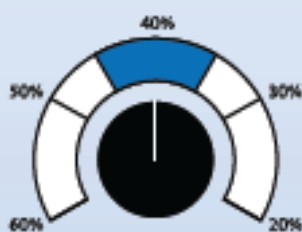


# The Science Behind The Solution: How Does E-Z Breathe® Work?

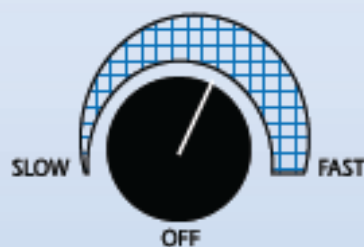
Take what you already know about dehumidifiers and air purifiers—and then take it one step further: That's where EZ Breathe technology begins.

Unlike these other products, the EZ Breathe Ventilation System is designed to rid the home of harmful moisture and humidity—not merely re-circulate moist, stale air.

The concept is simple: By creating a slight negative pressure variance, EZ Breathe draws damp, contaminated air down and out of the home and then vents it to the outside, thereby creating complete air exchanges up to 10 times a day and providing a much needed path of escape for the polluted air. Clean fresh air replaces the damp, polluted air. The EZ Breathe System is governed by a humidistat that will cycle the unit on and off according to the desired humidity and fan speed settings, providing continuous comfort and peace of mind, too.



Humidistat Control



Fan Speed Control



**Our Proven Concept Is Also Used By Respected Professionals**  
Industry professionals are not fooled by products that mask moisture problems. And given the straight facts, consumers shouldn't be either. **EZ Breathe is effective because it uses negative pressure to actually extract the air from the home—the same trusted concept that is used by:**

- **Hospitals** to create safe- or clean-room environments in their facilities
- **Mold remediators** to expel damaging, mold-causing moisture from a building
- **Environmentalists** to create healthier, balanced living spaces without negative by-products or side effects

*"The basement is without odor and most noticeable is the even distribution of temperature in my home. It has eliminated the need for a dehumidifier, which as you know makes a difference in one's electric bill." –C. Kiley*

*"I was skeptical at first, but now it's been over six months and my boys are doing better than ever! No allergies from the weather, no wheezing or coughing – just two small boys full of energy and life. I'm thoroughly convinced that my boys' lungs are not irritated by floating particles that would normally cause them to become sick and I owe that clean air to my EZ Breathe system!" –M. Foster*

# E-Z Breathe® Outperforms Dehumidifiers and Air Purifiers in Providing Healthier Indoor Air



## Dehumidifier

Does not eliminate damp, contaminated air, but rather recycles that same stale air again and again.



## Air Purifier

Does not address the critical problems related to moisture and dampness, which lead to mold and mildew.



Standard Installation



Finished Installation

## E-Z Breathe® Ventilation System

The ideal ventilation solution that rids the home of toxic air and replaces it with fresh, clean air up to 10 times each day—guaranteed.

EZ Breathe does the work of several traditional dehumidifiers and ensures clean, fresh air flows throughout the home. Using just 40 watts of electricity, the EZ Breathe costs, on average, \$4 a month to operate with no maintenance hassles, compared to a traditional dehumidifier which can cost up to \$30 a month to run. Plus, the maintenance-free EZ Breathe will not harbor and spread mold and mildew throughout your home and is backed by an industry-leading 10 year warranty.

*"Buying an air cleaner that doesn't clean the air is bad enough. **Some of the least effective ionizer models also can expose you to potentially harmful ozone levels, especially if you are among the roughly 80 percent of buyers with asthma or allergy concerns.**"*

—Consumer Reports, May 2005

*"We advise thinking twice about buying any air cleaner... Here are a few tips from the federal EPA and American Lung Association: Reduce indoor pollutants and keep your home ventilated."*

—Consumer Reports, May 2005

EZ Breathe's slim profile allows the unit to fit in most any space, from a living area, to a laundry room, to a crawlspace. It can even be installed behind drywall for a more finished look, and provides ultra-quiet operation. What's more, EZ Breathe provides a host of immediate, tangible benefits:

- Helps to prevent and decrease hazardous mold, musty odors and mildew
- Expels damaging moisture, irritating allergens, harmful pollutants and toxins, providing a cleaner, healthier living environment.
- Requires no maintenance