

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



EZ Breathe replaces 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.

The Science Behind The Solution: How Does EZ 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: Since water is heavier than air, the moisture in the building or home gravitates to the lowest level. Creating a slight pressure variance, EZ Breathe draws the damp and contaminated air down and out of the home at that level and vents it outside. It then replenishes the contaminated air with fresh, dry air resulting in a complete air exchange up to 10 times each day. The EZ Breathe unit is equipped with a humidistat, which regulates airflow to achieve a desired level of humidity, providing continuous comfort and peace of mind, too.

But just how did we get here?



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

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.”

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 Ventilation Institute



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 can be two to 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.

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.”

EPA and U.S. Consumer Product Safety Commission

“The upsurge of asthma in young children is causing greater economic and social damage.”



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

“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.”

Moisture: Another Contributing Factor

According to the EPA, moisture is a key ingredient to indoor pollution, which is generated by some of these everyday activities, such as showering and cooking. 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



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: 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.

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.

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.

“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

The mold removal experts



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