



# MEDCO FORUM®

PRESENTING INNOVATIVE PRODUCTS AND SERVICES TO HEALTHCARE PROFESSIONALS

VOLUME 18 NUMBER 6

MARCH 2011  
REPRINT

## INDOOR AIR QUALITY IMPROVEMENT:

### *A Natural Effective Remedy to Help Allergy and Asthma Sufferers*

According to the U.S. Environmental Protection Agency (USEPA), indoor air is a minimum of five-times more polluted than outdoor air. Since 90 percent of Americans spend 90 percent of their day indoors, prevention and treatment of allergies and asthma must begin with improvement of indoor air quality. And in many cases a whole home ventilation system can increase the effectiveness of traditional medical treatments for allergy and asthma sufferers.

Indoor air pollution is caused by the myriad of chemicals, synthetic materials and impurities we introduce to our homes through modern building and remodeling practices and even by what we bring into our homes on our shoes and clothing. Coupled with excess moisture, mold, pet dander and other indoor and outdoor allergens that get trapped inside, walking into your own home can be an allergy trigger of disturbing and dangerous proportions.

Home intervention, in the form of an effective air-ventilation system is a natural, preventive approach to reducing the triggers and therefore the symptoms for many asthma and allergy sufferers. In the case of the unique **EZ Breathe® Ventilation System** (Macedonia, OH), a complete home air exchange occurs about six to 10 times each day, covering up to 7,000 square feet.

In one study, 21 percent of all Asthma was attributed to moisture and mold in homes (Mudarri & Fisk, 2007). In another survey,

over 50 percent of homes had at least six detectable allergens present (Salo PM et al, 2008).

- Allergic diseases affect as many as 40 to 50 million Americans, according to the National Institute of Allergy and Infectious Diseases (NIAID).
- More than 54 percent of all Americans test positive for one or more allergens (NIAID).
- Seventy percent of asthmatics also have allergies, according to the World Health Organization (WHO).
- Asthma and allergies are up 700 percent in the last 15 years, according to USEPA.

The EZ Breathe Ventilation System improves indoor air quality and eliminates the moist conditions for mold to grow. It ventilates by drawing moist, stale, contaminated air out of the home; replenishes by replacing moist air with fresh dry air; and regulates airflow to reach and maintain humidity levels below 50%. Humidity levels above 50% are considered breeding grounds for mold, mildew, dust mites and other allergy triggers. The EZ Breathe System uses the same energy as a 40w light bulb to operate, and costs as little as \$2-\$4 per month, once installed.

André Lacroix, EZ Breathe Vice President in charge of research and development, reports independent laboratory results showing mold spore reduction by 99.5 percent, radon level reduction by 75 percent, and a

significant reduction in volatile organic compounds (VOCs), 45 to 110 days after installation of the EZ Breathe Ventilation System.

*"The solution to indoor pollution is dilution."*

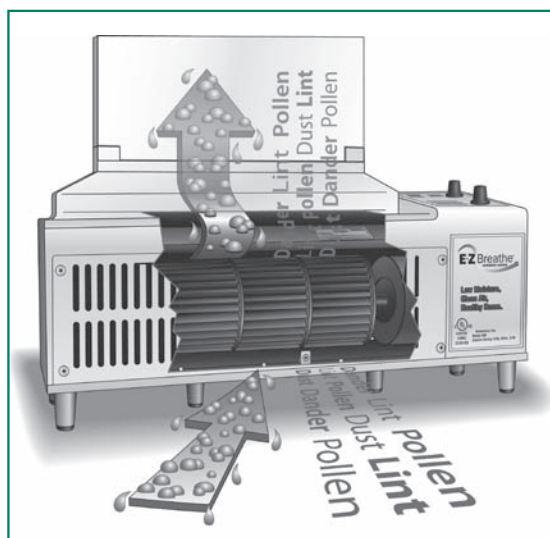
— André Lacroix, VP of Research and Development, EZ Breathe

Lacroix is a Certified Healthy Home Specialist by the National Center for Healthy Housing, and a Certified Indoor Environmentalist by the Indoor Air Quality Association. He explains how the EZ Breathe System works: "Air borne contaminants get trapped inside the building envelope and concentrate to unhealthy levels without any path of escape. Mechanical ventilation placed in the lowest level of the house provides a much needed escape by gently exhausting the air borne contaminants as well as the pollutants that reside in the lowest level to the outside, thereby creating air exchanges up to 10 times a day. 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 setting."

"It's the continuous anecdotal evidence that speaks loudest," says Lacroix. "We hear from mothers whose sons and daughters are using their inhalers much less. Home owners whose friends couldn't visit because they were so allergic to cats, can come over for dinner again. The triggers that

created their symptoms aren't there any longer, because of the air movement."

Here is what one happy parent has to say... "I figured if it kept the moisture down and helped just a little with my kid's asthma then it would be worth it. We installed at the very beginning of spring, the worst time of the year for my kid's, and to my surprise as the weeks turned into months my children showed very little signs of having asthma at all! No allergies from the spring time weather, no wheezing or coughing, just two small boys full of energy and life. Now it's been over 6 months and they are doing better than they have ever done before. Don't get me wrong, EZ Breathe did not cure my boys' asthma but I am thoroughly convinced that with a clean, healthy air flow in our home my boys' lungs are not irritated by floating particulates that would normally cause them to become sick... and I owe that clean air to my EZ Breathe System! Thanks EZ Breathe!"



*EZ Breathe Ventilation System*

"It's such a simple idea, and it works," says Rhett Butler, General Manager of Killingsworth Enviroclean (South Carolina), a mold remediation specialist who has installed hundreds of EZ Breathe Systems. "Installed in the lowest part of a home, often in a basement or crawl space, a natural pull is created, pulling air out of the home. The original intent might have been the elimination of musty odors and mold spores. The added benefits come from the removal of dust mites, pet dander and cigarette smoke..."

"One woman in her 70s told me she was on oxygen for sensitivity to formaldehyde," Butler recalls. "She couldn't sit on her own furniture, she said, without it. After two weeks, she called to tell me she could sit in her living room again, on her sofa, without oxygen."

Butler also hears stories from people who experience such allergy symptoms to their own pets that they consider giving up a beloved dog or cat. Then, because the EZ Breathe System exhausts pet dander out of the house, their symptoms are reduced significantly.

"I always encourage customers to do independent testing of this system. The results speak for themselves," says Butler. ♦

For more information about EZBreathe System, please call 1-866-822-7328; visit our website at: [www.EZBreathe.com](http://www.EZBreathe.com) or email: [info@EZBreathe.com](mailto:info@EZBreathe.com).