

WHY IS VENTILATION IMPORTANT?

Since people spend roughly 90% of their time indoors, clean indoor air quality is essential for a healthy home environment. In fact, indoor air pollution can cause greater health risks to occupants than outdoor air even in highly industrial or congested areas. Good ventilation protects a home from unwanted toxins, pollutants, and odors. It can also help protect the overall structure of a home or building because it eliminates excess moisture from the air.

Without a proper ventilation system, a home or building is more vulnerable to potentially dangerous gases like carbon monoxide and radon as well as mold and mildew. Higher utility bills and the possibility of extended costs from rotting window sills and attic eaves, paint peeling and insect infestation are also more likely in a poorly ventilated home.



OLD CONSTRUCTION HOMES

Naturally ventilated but energy costs are high

Older construction homes allow air to easily enter and exit the home through natural leaks in the home's exterior, windows and doors. Fresh air ventilation is not an issue, but heating and cooling systems have to work harder to keep the home at a comfortable temperature making energy costs extremely high so they are not efficient.

NEW, ENERGY EFFICIENT HOMES

Energy efficient, but indoor air quality is poor

New homes are built very tight to eliminate the natural leaks found in old homes and reduce home energy costs. Unfortunately, the home is actually suffocating because there is no fresh air entering or exiting the home. With no way for fresh air to enter the home, occupants are at a greater health risk from poor indoor air quality.



NEW, ENERGY EFFICIENT HOMES WITH VENTILATION

Energy efficiency with great indoor air quality

A home that is built tight with proper ventilation is the ultimate solution for a safe and healthy home. A measured amount of fresh air can enter and exit the home through a controlled system allowing the home to breathe while keeping the indoor air quality good and the energy costs low. Improving the indoor air quality will make the home safer for occupants because the risk of moisture related contaminants is drastically reduced.

