



## Energy Recovery Ventilation



### Efficiency, Comfort, and Health

An Energy Recovery Ventilator (ERV) optimizes energy consumption while ensuring a healthier indoor environment.

**Efficiency:** The perfect match especially for newer homes with tight construction or if you've recently spruced up with new windows, insulation, or siding.

**Comfort:** Imagine a home where every breath feels refreshing. With an ERV, you'll enjoy a steady flow of fresh air that feels great and helps keep humidity levels balanced.

**Health:** Breathe easier knowing your home's air is fresh and clean. This ERV works behind the scenes to replace stale indoor air, ensuring you're surrounded by fewer allergens, chemicals, viruses, and bacteria, promoting a healthier environment.

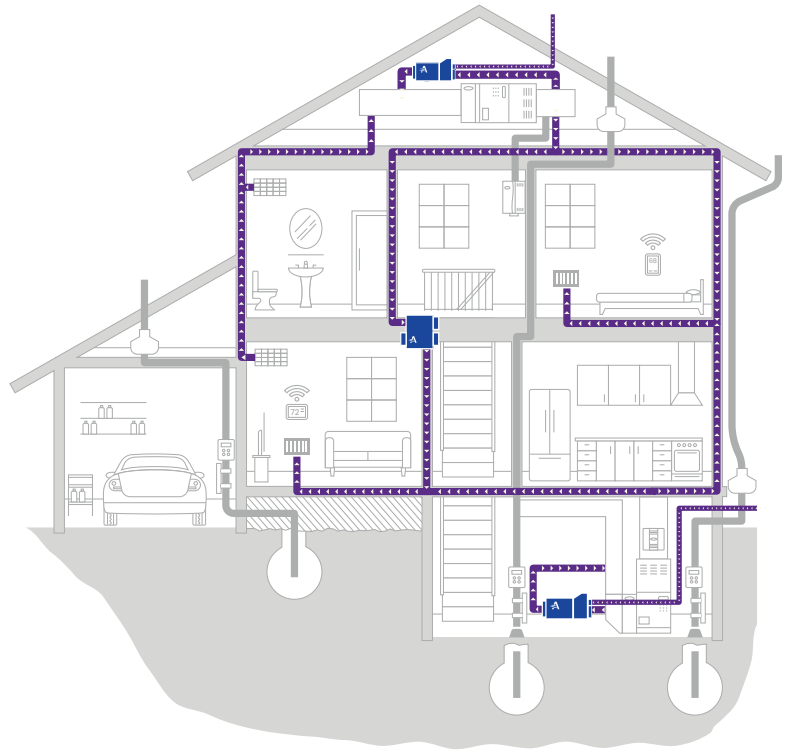


# Is your indoor air healthy?

Today's homes are being built with energy efficiency in mind. They are sealed tightly, so air that's been heated or cooled can't escape. As a result, you pay less to maintain an ideal temperature.

While saving money on energy is good for the pocketbook, a tightly sealed home also means that stale, indoor air is recirculated throughout your home and fresh, outdoor air is not introduced.

Air that's trapped in your home can also contain viruses and harmful chemicals that could threaten the health of your family. According to the Environmental Protection Agency (EPA), the concentration of pollutants can be up to 5 times greater inside your home than outside.



**Fresh  
Air**



**Humidity  
Control**



**Energy  
Efficiency**

## Promote Health

Replacing stale air with fresh, outdoor air removes and dilutes dangerous concentrations of volatile organic compounds (VOCs). Keep your family feeling healthy and safe by reducing indoor air pollution in your home.

## Control Comfort

Whole-home ventilation eradicates stagnant and stale indoor air, substituting it with crisp, pure outdoor air. This enhancement elevates the overall Indoor Air Quality, fostering a healthier and more comfortable living environment.

**SmartHouse Heating and Cooling**  
314-644-1570  
[www.callsmarthouse.com](http://www.callsmarthouse.com)  
[clientcare@callsmarthouse](mailto:clientcare@callsmarthouse)

## Protect Your Home

Excess humidity is a breeding ground for mold and mildew, which destroys the surfaces on which they grow. Humidity also causes condensation buildup on windows, destroying their finishes and structural integrity.

## Save Energy

ERVs are designed for maximum energy efficiency with a core that transfers heat and humidity. With our intelligent whole-home ventilation controls, air that's too hot or too cold never enters the home, which keeps your air conditioner or furnace from operating inefficiently.

