

Air Quality / Indoor Air Quality

Poor air quality in the home affects the vitality and health of the occupants. Indoor pollution is caused by a variety of factors including volatile organic compounds from toxic materials, combustion gases, pesticides, dust mites, mold, etc. Proper ventilation and filtration of air within the home can serve to combat much of the problem. Creating a tight envelope and then properly controlling the amount and source of fresh air is one of the key components of a high performance home. Having a leaky home may provide different air into the home but it does not necessarily provide fresh air. A typical home leaks from the basement, crawlspace and attic which can carry unwanted moisture, mold, dust combustible gases, radon and other undesirables. Air sealing and controlled ventilation keeps out the unwanted pollutants while maintaining a healthy indoor environment and saving energy. **Residential Energy Solutions** can perform diagnostic testing and provide practical solutions to help improve the air quality in your home.