



Here Are Some Terms That Are Helpful In Understanding Your Home Comfort System

Overview

Most heating and air conditioning companies will take the time to figure out how to install your equipment, which helps save them money. Very few will take the time necessary to help educate you about your home comfort system. We believe in order for you to want to become our customer, you must trust that we are the right kind of company to do business with. The more informed you are, the more comfortable you will be.

A major part of the Builder's Heating and Air Conditioning philosophy is making sure you understand the important areas of your home comfort system. Here are a few terms which may help you better understand, which products and services best fit your needs.

Heat Gain/Loss or Load Calculation

Heat Gain/Loss or Load Calculation is the evaluation of your home's energy needs and is how we determine the proper size system for your home. The government provides data on weather in different areas of the country, which can affect the equipment size requirements for your home. We actually calculate what energy your home needs to stay warm, and cool, then break that down by each room.

Indoor Air Quality

Indoor Air Quality refers to how healthy your home's air is to breathe. Just as outdoor air can become polluted, so too can indoor air. There are many contributing factors to poor air quality inside your home: pet dander, dust mites, pollen, Volatile Organic Compounds (called VOC's), and microscopic germs and viruses. Indoor air quality is a big concern, because most people spend 60 to 90% of their time indoors. Indoor air may be up to 70 times more polluted than outdoor air. There are a number of excellent products available to increase the quality of the air you breathe in your home. Products such as humidifiers, electronic air cleaners, and ultraviolet lights.

Efficiency

Efficiency refers to the idea that if you spend one dollar on energy, how much of that dollar will be put back into your home. Ninety cents would be equal to 90% efficiency. Home comfort appliances are rated so you will know how efficient they are. Air conditioners are rated by Seasonal Energy Efficiency Ratio (SEER). The higher the SEER number the more efficient the unit. This past January the Department of Energy mandated a new minimum efficiency requirement of 13 SEER for all new air conditioner installations. Furnaces are rated by Annual Fuel Utilization Efficiency (AFUE). The higher the furnace's AFUE the better for you. This year the IRS is offering a tax credit if you install a new energy efficient 95% AFUE Furnace in your home.

Ask Us

There are many additional terms used in the home comfort industry. What we hope is that if you do not understand something, or would like it explained in more detail, please ask us and we will be happy to help you in any way we can.



Comfort Specialists Since 1950

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