

Gas or no Gas

Gas, Electric or Heat Pump Gas Furnance

Natural gas or a heat pump is usually always cheaper to run than a straight electric one, but keep in mind that a gas furnace does burn off of a flame and generates toxic fumes. With a well maintained unit the fume are contained inside the heat exchanger and exits your home or place of business through a vent.

If your house or place of business has a gas furnace, it is extremely important that you have your unit inspected once a year by a technician. It is crucial that your system has no cracks, holes, or leaks that can release a deadly gas known as carbon monoxide.

Electric Furnace

Electric furnaces usually tend to be a little more expensive than a gas furnace. However they do not burn gas and produce the deadly carbon monoxide, so therefore they are a safer and cleaner source of heat.

Heat Pumps

The third option for heating your home or place of business is a heat pump. Here in Tennessee the temperature rarely falls below 30°F. However since we do have the occasional cold spells a secondary source of heat will need to be installed, such as a electric strip, known as your “Emergency Heat”. Your unit will kick on your emergency heat in the case the outside air temperature falls below 30°F.

Your System’s Quality

Think of buying a car, its quality will determine how well or how long it will perform. The same thing goes for your heating/cooling system. Selecting a brand can be a hassle that is why we have trained sales and technician personnel to save you the headache and extra expenses down the road.

Efficiency

Gas furnaces are based on a rating called AFUE (Annual Fuel Utilization Efficiency) which identifies how efficient your system uses fuel. The higher the AFUE rating the less fuel that you system uses to heat your home or place of business. Like with purchasing your care, the higher the AFUE rating the more expensive the unit. However, they will save you money and use less fuel in the long run.

Mid-efficiency Furnaces

Mid efficient furnaces (called non-condensing or induced draft furnaces) offer AFUE efficiencies from 78% to 80%, and are generally less expensive.

High-efficiency Furnaces

High-efficient furnaces (called condensing or sealed combustion furnaces) offer AFUE ratings from 80% to 96%, and are generally more expensive.