

Natural Gas **High-Efficiency** Furnaces . . . More heat for your heating dollar!

What is a high-efficiency furnace?

When it comes to heating your home, a high efficiency furnace can save you energy dollars and improve comfort.

A high-efficiency furnace is the most energy-efficient furnace available, with an Annual Fuel Utilization Efficiency (AFUE) of 90% or higher. AFUE indicates the percentage of fuel turned into heat, therefore, the higher the AFUE, the more efficient the unit is and the more energy dollars you can save. Mid-efficient furnaces have an AFUE rating between 78% and 82%.

High-efficiency furnaces also deliver even, comfortable heat. A high-efficiency furnace has a second heat exchanger - the major difference when compared to a mid-efficiency furnace. Exhaust gases from a high-efficiency furnace are cool enough that they are vented through an outside wall with a plastic pipe. Energy efficiency is further increased, as a chimney is not required.

Did You Know?

As of December 31, 2009, Natural Resources Canada is proposing to increase the minimum AFUE of furnaces to 90%.

After that date you will no longer be able to purchase a mid-efficient furnace in Canada.

How efficient is your furnace?

The majority of Canadian homes built between 1950 and 1970 have standard gas furnaces with a seasonal efficiency of about 60%. With Natural Resources Canada proposed change in seasonal efficiency standards, soon only high-efficiency gas furnaces will be available. Generally, homes built between 1980 and 1990 will have mid-efficiency furnaces, while homes built after 1990 may have mid or high-efficiency furnaces.

Replacing your furnace?

Make sure you choose the right size furnace for your house. Most furnaces can provide far more heat than a house requires, even on the coldest winter day.

As a result, the odds are that you won't need to buy a new furnace with the same output as your current one. A furnace of the correct size will also operate more efficiently, last longer, save you money on heating throughout the season and provide comfort in all areas of your home. To find out how many BTU's your furnace should be, have a qualified heating contractor do a home heat loss calculation.

Before replacing your furnace, have a Saskatchewan EnerGuide for Houses evaluation completed to qualify for provincial and federal grants. Talk to your SaskEnergy Network Member for a selection of natural gas heating equipment and convenient financing (OAC). For more information on the Saskatchewan EnerGuide for Houses Program and for a list of SaskEnergy Network Members visit saskenergy.com.

Did You Know?

All ENERGY STAR® qualified furnaces and boilers are exempt from PST. Your heating contractor will not charge you PST on this equipment.

How do I know it's a high-efficiency furnace?

Always look for the EnerGuide label. This rating system helps consumers compare the energy efficiency of products. An EnerGuide label with the furnaces AFUE rating is shown on the back page of manufacturers brochures. Included on the EnerGuide label is a rating scale showing the range of efficiencies for gas furnaces on the market.

While Canada's EnerGuide label helps you to compare how much energy a product uses, the ENERGY STAR® symbol helps you to identify which ones are the most energy-efficient. When shopping, look for the EnerGuide Label along with the ENERGY STAR symbol.



The ENERGY STAR® mark is administered and promoted in Canada by Natural Resources Canada.

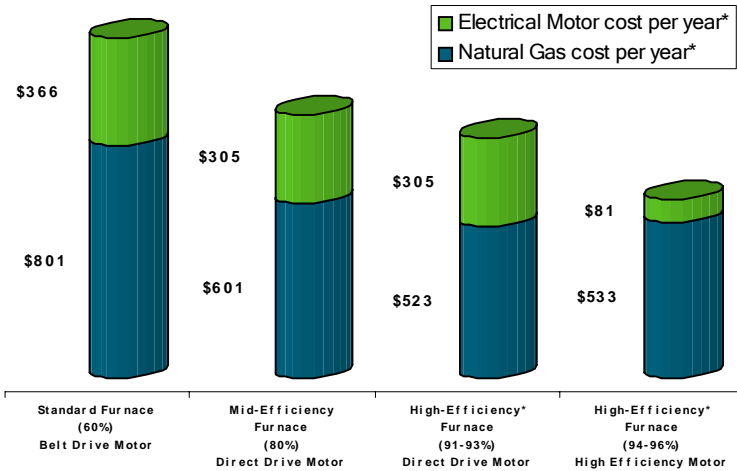
Don't high-efficiency furnaces require more maintenance?



All furnaces require regular maintenance. Most furnaces operate below peak efficiency because of poor maintenance. A well-tuned and efficiently operating heating system can significantly reduce your annual fuel bill.

Keep in mind that regular and proper maintenance of your furnace is relatively inexpensive, will extend the life of your heating system, save you energy dollars, and ensure your homes comfort and safety. Make sure your home heating system is working at peak efficiency by booking a SaskEnergy Home Check-Up or a Network Home Heating Tune-Up. Call 1-800-567-8899 or visit saskenergy.com for more information about a SaskEnergy Home Check-Up or a Network Home Heating Tune-Up. Anytime is the right time to have your furnace maintained!

Lower your energy costs with ENERGY STAR® qualified equipment*



#1 Energy Saving Tip:

Replace your old furnace with an ENERGY STAR qualified furnace with a brushless DC motor.

Save up to \$553 a year with an ENERGY STAR qualified furnace with a brushless DC motor. Not only will you realize natural gas savings but electrical savings, too. High efficiency motors operate efficiently and economically under varying load conditions while increasing the efficiency of your heating and air conditioning system, resulting in significant energy savings. Your home will have better air circulation, even temperature distribution - plus reduced electrical costs.

*Based on average home use in Saskatchewan. Actual savings may vary according to use. Electrical costs based on continuous operation of furnace motor during the winter. Fuel rates as of August 1, 2010 Natural Gas \$0.2671 m³ Electric \$0.1061 kWh

How can I save more money?

One of the easiest ways to save energy and money is to install a programmable thermostat. You determine the settings for your home and the programmable thermostat takes care of raising or lowering the temperature.

As a general rule, you will save 2% on your heating bill for every 1°C you turn down the thermostat overnight. With a programmable thermostat to consistently lower your heat when you don't need it, you could **save up to \$65 a year!**

Save even more...

- Clean or replace your furnace filter every 1-2 months. A dirty filter reduces airflow and forces the furnace to run longer to heat your home.
- Lower your thermostat by 4-5 degrees Celsius while you're sleeping at night or when no one is at home.
- Keep your furnace clean, lubricated and properly adjusted with annual maintenance. If your furnace is working at peak efficiency, it will use less energy and cost less to operate.
- Visit saskenergy.com for more energy saving tips.

