

## **ECONOMICAL WAYS TO HEAT YOUR HOME**

With projections in the prices of heating oil and gas continuing to rise and fuel supplies uncertain, many are looking to upgrade to a higher efficiency method of heating their homes.

### **ALTERNATIVE ENERGY**

#### **PELLET**

Pellets, made from 100% wood waste material, are a clean-burning and high heat value fuel. By using pellets, we are helping to reduce our over-dependence on fossil fuels. Because the heat output can be precisely controlled, pellet stoves will work equally well in rooms or to heat large areas of the home. The average use over a heating season will be approximately 3 tons of fuel (150 bags), using 1 bag per day, the usage will depend on the outside temperature as well as how well insulated the home is. For whole-house heating, a pellet add-on furnace that will work in conjunction with your forced-air furnace is another option.

#### **WOOD**

Strict EPA regulations of the late 1980s have helped wood stoves make a come-back. EPA-certified stoves now burn 72-82% more cleanly than those of the past, making wood's former reputation as a dirty fuel obsolete. Wood has a much higher BTU than gas, and wood is also a renewable source. Well planned space heating saves energy, and regardless of what you pay for energy, space heating with wood clips 25% right off the top—and you will stay warm even if your power goes out. With various finishes, styles and sizes to choose from, you're sure to find the exact stove to suit your needs.

### **HYBRID HEAT SYSTEM – GAS FURNACE/ELECTRIC HEAT PUMP**

This system gives you more control over your monthly heating bills by allowing you to select the most economical heating source in your area. Combining a high efficiency gas furnace with an electric heat pump, as conditions change, the system automatically switches between the two sources to maintain greater efficiency than with a single-source heating system. Because a heat pump also provides cool, indoor comfort when it's hot outside, this system can become your total, year-round indoor comfort solution.

### **GEOTHERMAL**

By tapping into the relatively constant temperature of the earth below the frost line, you can heat and cool your home at significant savings –25-50% savings when compared with traditional systems. In the winter, the system draws heat from the ground and transfers it to your house. In the summer, it extracts heat from your home and transfers it to the ground. Geothermal systems produce no combustion products, no emissions and have no fuel lines in your house. There is unsurpassed indoor air quality and the system operates as quietly as a refrigerator. The simplicity ensures reliable performance with much less maintenance than traditional systems.