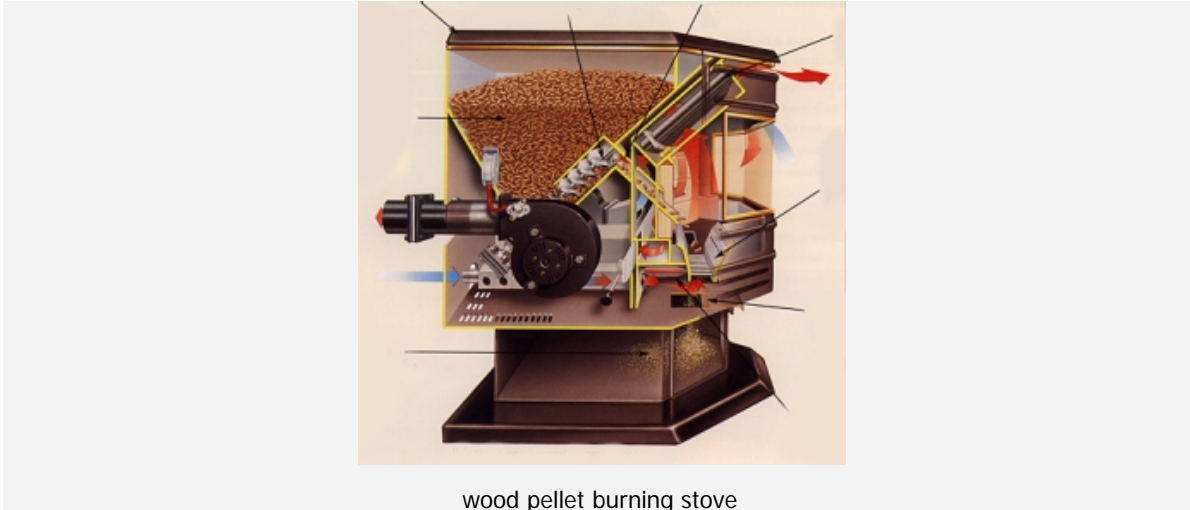


# Pellet Wood Stoves

By Peter Emerson



Wood stoves are normally used for heating and cooking of food but in some cases can also be combined to perform the function of a home heater, especially during winters. This utilizes the excess heat produced by the [wood stove](#) for beneficial purposes.

Many people use oil stoves or gas stoves for their household purposes. But with oil and gas prices increasing significantly and continuously, these appliances tend to be costly. [Pellet Wood Stoves](#) are a good alternative to stay within the budget. Pellets are small balls made up of compressed wood, recycled sawdust, wood shavings, corn, walnut and peanut shells and other similar biomass wastes. This mixture is then ground, compressed and extruded to form approximately 1-inch long pellets, which look similar to rabbit feed. These pellets are then sold in convenient and manageable bags of varying weights. Due to the intense compression of pellets their moisture content reduces to 8%, which is less than normal wood.

Some [pellet wood stoves](#) are also designed to burn corn kernels, nutshells and wood chips. These stoves use fuel that is considered to be waste and turn it into usable energy. This stove is environment friendly and lessens the dependence on costly oil and gas fuels.

The combustion mechanism of [Pellet Wood Stoves](#) is also designed in a peculiar manner due to which the pellets burn producing large amounts of heat. This works out more efficient than wood and is a much cleaner process. [Pellet wood stoves](#) operate on an electronically controlled combustion technique along with the help of blowers and highly effective heat exchangers that provide reliable and efficient heating. The stoves are attached with holder bins or hoppers that hold the pellets. Users just need to fill these hoppers and forget about refilling pellets frequently. With this mechanism, the stove keeps on burning even when its unattended and unmonitored. Depending upon the time and duration of the burning, most hoppers will work at least for a day or two without refilling.