

Below are some helpful conversions for different fuels:

- 1 ton of wood pellets replaces 119 gallons to 132 gals of fuel oil
- 1 ton of wood pellets replaces 180 gals to 202 gals of propane
- 1 ton of wood pellets replaces 120 gals to 122 gals of kerosene
- 1 ton of wood pellets replaces 155 ccfs to 184 ccfs of natural gas
- 1 ton of wood pellets replaces 3,772 kilowatt hours to 3,869 kWh of electricity
- 1 ton of wood pellets equals 50 40lb bags of wood pellets

The conversion ranges depend on the efficiency of your current heating system. If your house has a relatively new heating system or a well-maintained heating system it likely consumes less fuel (the lower end of the range) rather than more (the higher end of the range). Insulation in your home, including insulated duct work and an insulated basement all have a huge impact on how much fuel you need and use.

Ex: A propane furnace installed in 2007 with insulated duct work and an insulated basement consumes roughly 180 gallons per 1 ton of wood pellets.

*Conversions are based on the EIA Heating Fuel Comparison Calculator using BTU conversions and heating system efficiencies.