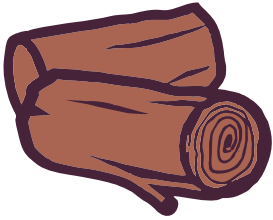


Wood logs = Bio energy

Spartherm
informs

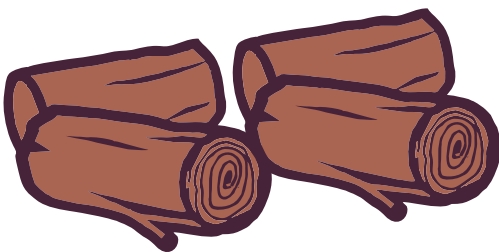
1.0 kg Wood logs contains an energy of 4.0 kWh



4.0 kWh x 80% losses = 3.2 kWh
less 3% wastage ø ash = 0.1 kWh
effective output = 3.1 kWh / kg wood

From the combustion of 2 kg wood logs / per hour
the following output is obtained:

2.0 kg/h -> 2.0 kg/h x 3.1 kWh / kg wood -> ~ 6 kW



2.5 kg/h -> 2.5 kg/h x 3.1 kWh / kg wood -> 7.8 kW



In newer buildings with good isolation, you will be able to heat
~10 m² space (~ 25 m³ room) per kW.