

Biomass heating



Biomass boilers can replace oil or gas boilers to heat hot water and radiators (or under floor heating). They burn logs, wood chips, wood pellets or other forms of biomass, such as straw. The most advanced boilers are fully automatic. They control the amount of fuel and air supplied to the combustion chamber.



Affordable heating fuel

Although the price of wood fuel varies considerably, it is often cheaper than other heating options.

Financial support

Wood fuel boiler systems could benefit from the Renewable Heat Incentive (RHI)

A low-carbon option

The carbon dioxide emitted when wood is burned is the same amount that was absorbed over the months and years that the plant was growing. The process is sustainable as long as new plants continue to grow in place of those used for fuel. There are some carbon emissions caused by the cultivation, manufacture and transportation of the fuel, but as long as the fuel is sourced locally, these are much lower than the emissions from fossil fuels.

Renewable heat incentive

The non-domestic Renewable Heat Incentive (RHI) is a UK government scheme to help businesses, public sector and non-profit organisations meet the cost of installing renewable heat technologies.

The following energy systems are eligible for support through the scheme:

- biomass
- heat pumps (ground source, water source and air source)
- deep geothermal
- solar thermal collectors
- biomethane and biogas
- combined heat and power (CHP) systems

Payments are made over 20 years and are based on the heat output of your system.

Further information is available on...

For more information visit www.gov.uk/non-domestic-renewable-heat-incentive and the Carbon Trust website.

