

Wood Pellet Boilers Customer Information

Modern wood pellet boilers can offer you a fully automated heating system, they will automatically feed themselves, ignite themselves when heat is required and automatically shut down when that heat is supplied.



The Gerkross Wood Pellet Boiler

Not only is a wood pellet boiler better for the environment it is also very economically friendly.

Cost Comparison based on typical household using 2000 litres of oil:

| | Wood Pellet | Oil |
|-------------|--------------|--------------|
| Usage | 4000 kg | 2000 litres |
| Cost / unit | €155 / tonne | €0.65 /litre |
| | | |
| Total Costs | €620 | € 1300 |

As can be seen on the table wood pellets reduce your heating bill by more than 50%.

Heat-Tech Solutions can offer you a range of wood pellet boilers.

Wood pellets reduce to 0.5% ash when they are burnt, this ash is simply removed from the boiler and can be spread over your garden, adding nutrients to the soil and continuing the natural cycle.

Wood pellet boilers are more suitably installed in your garage or a specifically built boiler house.

The working principle in most pellet boilers is basically the same, pellets are fed into the furnace chamber via an auger feed system, an electrical heating element heats air which is pumped into the chamber, this very hot air comes in contact with the pellet which has a moisture content of less than 10%, this ignites the pellet.

It is critically important to ensure that wood pellets are stored in a dry, condensation free environment. If pellets become damp they simply will not ignite.

Remember a wood pellet boiler can offer you an environmentally friendly and economically competitive heating system.

It will heat your home the same as an oil boiler but without damaging our precious planet and at half the cost of oil – everybody wins!