



KEY FACTS

Boiler:	Biotech 15kW TopLight MBW
Fuel Type:	Pellets – manual fill
Installation:	October 2013
CO2 Savings:	2.614 tonnes per year
RHI Income:	£14,000
Project Cost:	£16,000

When Nicki and Indie moved into their new cottage they were faced with the daunting prospect of having to replace the central heating system as the oil tank was damaged and the oil boiler extremely old and unreliable. They were keen to become more environmentally friendly and with the added incentive of a £10,000 interest free loan being available from the Energy Savings Trust Scotland they decided to look into the possibility of installing a biomass boiler.

They were recommended to contact AD Heating and made an appointment to visit Helen and Athol at their showroom in Fyvie. They found their visit to the showroom extremely beneficial and would recommend it worthwhile to anyone who is interested in installing a biomass system. Not only were Helen and Athol able to answer all their questions but seeing the actual boilers and equipment really helped. The showroom gives us a way to educate customers about equipment options, actual space requirements and the practicalities and costs associated with fitting and running a renewable heating system.

Due to the limit on space available in the cottage, Nicki and Indie opted for a manual fill boiler, but have the option to add a pellet store at a later date. The cottage has a small outside concrete shed which proved the ideal location for the boiler and 650-litre buffer tank with integral coil for hot water production.

Nicki was extremely impressed with the installation team who were super efficient and worked so neatly and tidily in such a confined space. Everything was done with such professionalism. They have had no hesitation in recommending AD Heating to many other friends and colleagues.

Nicki and Indie's cottage is now A rated for Environmental Impact and the excellence of their biomass boiler has certainly helped in achieving this rating.



"A completely trustworthy and reliable local firm with an excellent after care service".



Call us on **01651 891907**
Email us **info@adheating.co.uk**
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|----------------------|----------------------------------|
| 1. Daily Pellet Tank | 7. Lambda Probe |
| 2. Feed Gate | 8. Combustion Chamber |
| 3. Separator | 9. Automatic Ignition |
| 4. Suction Turbine | 10. Air Flow Sensors |
| 5. Auger Drive | 11. Self Cleaning Heat Exchanger |
| 6. Feed Auger | |

About AD Heating

Established in 2008 the company specialises in the design and installation of renewable energy technologies for both domestic and commercial properties.

Supplying quality products is what sets AD Heating Ltd apart from others in the biomass market. Biotech boilers are built to the highest quality and offer a long life.

To find out more, please call us on 01651 891907, email info@adheating.co.uk or visit our website and Facebook page.

What are wood pellets?

Wood pellets are cylindrical in shape and made from compressed sawdust, which is often the waste product from the timber industry (e.g. sawmills). They are fused together by the natural lignum present in dry wood. It strengthens the wood as well as having water proofing properties.



Pellets have a very low moisture content (less than 10%), which helps maintain combustion efficiency, as during the burning of fuel, any water content must be evaporated before combustion can occur.



Pellets are additionally very dense. Both these qualities make them a good source of energy. As the sawdust used to make wood pellets is a bi-product they are classed a sustainable 'carbon neutral' source of fuel.