



THE COFFEE APOTHECARY

KEY FACTS

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| Boiler: | Biotech 25Kw |
| Fuel Type: | Pellets – 5-tonne external silo |
| Installation: | December 2014 |
| CO2 Savings: | 3.485 tonnes per year |
| RHI Income: | Potentially £60,000 |
| Project Cost: | £24,500 |

The Coffee Apothecary is owned by the husband and wife team of Jonny and Ali Aspden. The Coffee Apothecary is a warm and welcoming café in the heart of Udney in rural Aberdeenshire. They delight in serving speciality coffees, incredible loose leaf teas and gorgeous hot chocolates with delicious home cooked meals, cakes and treats.

Jonny and Ali's philosophy is to ensure that everything is sourced as locally as possible. You can relax in the knowledge that the ethics of the sourcing of everything before you has been researched and scrutinised as thoroughly as possible. This café is a space that really reflects their passion for community and making good ethical choices. They have followed this through with their choice of heating system for the café and they were keen to use a local reputable company and also remain true to their values in ensuring they installed a sustainable system.

Not only was the environmental impact a key factor in choosing a heating system but it was also essential that the café be a warm and welcoming haven where customers can enjoy the great drinks and food available so a reliable and cost efficient heating system was high on the agenda.

Jonny and Ali were already aware about AD Heating due to a family member having a biomass installation, so it made perfect sense to speak to not only a local company but also one that came very highly recommended.

Ali commented that "AD Heating have been absolutely outstanding in their customer service. No question was too silly or too difficult and no problem was insurmountable. Any issues we had were resolved swiftly and all their staff are thorough, knowledgeable and polite – they even supported us when we had a problem on Christmas Eve. Due to their exceptional service I have and would recommend them to anyone thinking of installing a biomass boiler."



"AD Heating have been absolutely outstanding in their customer service"



Inside the wonderful coffee shop is a warm, cosy and inviting space



The boiler and store room housing the Biotech boiler and 800-litre buffer tank with coil for hot water production.



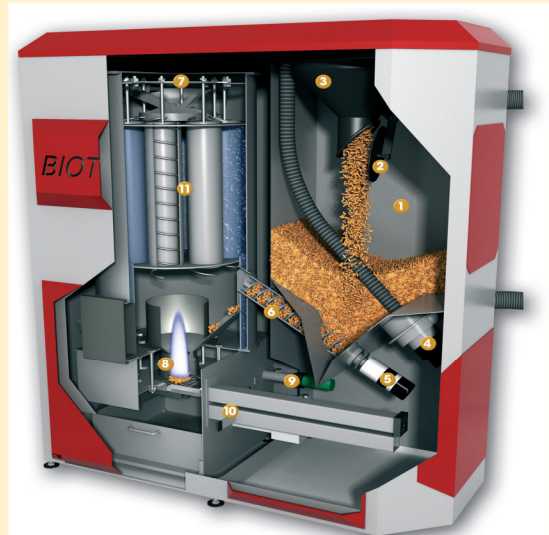
About AD Heating

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.

BIOTECH PZ25 RL



- ✓ Appliance body with efficient winding insulation
- ✓ Automatic ignition of pellets (hot air ignition system)
- ✓ Speed regulated induced draft and secondary fan
- ✓ Lambda probe and air mass sensors
- ✓ Heat exchanger with automatic cleaning
- ✓ Great dimensioned ash box
- ✓ Burning system made of heat resistant stainless steel with automatic cleaning
- ✓ Pellet intermediate reservoir including strainer (with notification of fullness) and suction turbine

The Dual Combustion Control System (DCC)

The lambda probe is directly placed in the smoke outlet of the boiler and delivers constant data about the rest oxygen of the exhaust gas. In combination with the air mass sensors, the composition of the combustible pellet is recognised automatically and adjusted. In practice the DCC enables a high degree of efficiency and low emission values in every range of performance.

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