

Staghunters Inn choose Blake Ecotec

Idyllic Inn in the Exmoor countryside reduces CO₂ emissions and profits from the benefits of Renewable Heating.

Project Background

Situated in the heart of the Exmoor National Park, The Staghunters Inn is a family owned and run establishment. Nestled on the banks of the River Lyn in an ideal location for exploring an area of outstanding natural beauty The Staghunters welcomes guests from across the county.



The Staghunters Inn

The Requirement

Mr. Wyburn wished to upgrade his 2 costly and inefficient oil boilers with a green, renewable solution which would reduce CO₂ emissions and also be financially rewarding, while giving his guests and staff reliable heat throughout the year.

Key Facts

The Client;
Richard Wyburn.



The Property;
The Staghunters Inn,
Brendon, Near Lynton,
North Devon (Non-Domestic).

The Project Included;
Supply, installation and
commission of a *ETA PE-K 90*
Wood Pellet Boiler system.

Construction of a 7 tonne
Wood Pellet Store and 2000
litre thermal store.

Installation of 17 radiators
and heated towel rails for
staff accommodation.

Full Project Management
including 3D Modelling
Design, Heat Meter report
and RHI application.

Pay Back Period;
4-5 years (combining RHI
income & fuel cost saving).

RHI Payments;
A project of this size would
gain approximately £18,500
per annum for 20 years.

Project Summary

Using our in-house 3D modelling capabilities we designed, installed and commissioned a purpose built, fully automated *ETA PE-K 90* Wood Pellet Boiler system, with automatic ignition. Required to heat and supply hot water to the hotel's 12 guest rooms, restaurant, kitchen and bar the system is operated via a touch screen to allow the client to easily monitor boiler performance.

We constructed a 7 tonne Wood Pellet store and 2000 litre thermal store on site, all to RHI regulations, and we were able to assist Mr. Wyburn with Heat Meter reports and the final RHI application submission.

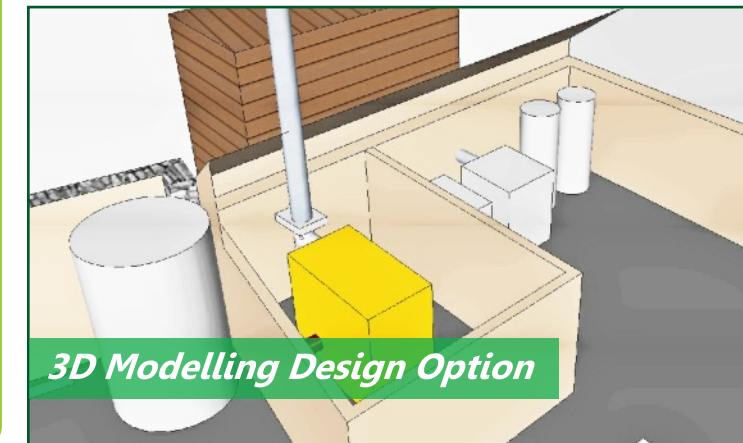


ETA PE-K 90 Wood Pellet Boiler

"I am very pleased with the system, it is very efficient at both hot water provision and central heating.

I had total confidence with Blake Ecotec from the outset, I was not disappointed."

- Mr. Richard Wyburn, Owner, The Staghunters Inn.



3D Modelling Design Option

The Renewable Heat Incentive (RHI)
The Staghunters' new *ETA PE-K 90* Wood Pellet Boiler system fits within the 20 year Non-Domestic Renewable Heat Incentive (RHI) scheme.

As well as delivering substantial fuel cost savings, this installation will see Mr. Wyburn receive RHI payments from the government of 8.8p per kWh of heat generated by the system.

The project will gain approximately an average of £18,500 additional income every year for 20 years. The RHI payments and the fuel cost savings make the project both sustainable and financially viable with the initial outlay paid off in 4-5 years.