

Natsley Farm Devon



50 kW biomass boiler installed at a privately owned estate

Natsley farm is a privately owned estate in North Devon which has recently undergone major renovation.

The buildings are heated with a 50kW Binder boiler with underfed hearth and 2,000 litre buffer tanks. The buffer tanks make provision for high hot water demand and also allow efficient operation under low-load conditions.

The fuel store and boiler house utilise an existing barn close to the main house. The wood-chip store is above ground with dimensions 4 x 4m, giving an active volume of approximately 30m³. Fuel is chipped directly into the fuel store 2-3 times per year.

Name of project	Natsley Farm
Location	Brayford
Boiler Type	Binder RRK/RRF 22-49
Maximum rated output	50 kW
Wood fuel specification	Wood Chip
Maximum moisture content	35%
Maximum particle size	G30
Wood fuel storage volume	30m ³
Commissioned	November 2006

