

17th Century Country House Renovation Project with Wood Burning Stove

Technical Challenge:

- 374m² four bedroom property whose heating controls & hot water supplies had become unmanageable.
- Poor heating circulation, persistent air locks, ineffective controls & undersized central heating pipes embedded in the walls & under flagstone floors.
- The family wanted to have a heating system to rely on.

Advance Heating's Brief:

- Make the central heating work properly but without the disruption of installing new pipework throughout the house.
- Remove six water cisterns from the roof space following a flood.
- Install a wood-burning stove, integrated into the central heating system.



Digital analysis & configuration of wood burner

Results:

- Groundbreaking integration of a wood burning stove with a normal oil heating system
- A single timer now replaces the previous wall-full of controls and manages the whole system simply.
- The family can choose to heat their water by oil boiler, electric immersion heater or wood burning stove
- Dual-layer heating - when power is on it works as normal central heating system, but if there is a power cut a core set of services is available (a number of heated rooms & hot water) thanks to the wood burning stove

Testimonial:

"For over a decade we'd put up with our heating system not working well because no-one could fix it. Our confidence in Advance Heating grew from the first results, so that we asked them to modernize all the radiators & add in a very effective wood burning stove too.

We now have hot water when we need it, and can use the large living room which often used to be too cold. Our wood supply and the stove also give us an alternative to external power supplies. We are delighted."

TG, Worcestershire

Wood and oil heating systems combined into a single 500 litre cylinder - discreetly installed in a clothing cupboard with no risk of flooding!

