

5 Bedroom country house grade 2 listed

Autumn 2013

Bi-valiant system air source heat pump+ oil boiler

Particularly advantageous for old & large properties



Age of Property/Location: 1750, Muddiford

Existing Insulation: Solid stone walls, single glazing, 200mm loft insulation

Previous Heating System: Oil boiler, AGA and wood burner.

Upgrading Required: none (listed building)

Back Up: Oil boiler, wood burner & AGA

New Heating System: FTC2 control with built-in weather compensation connected to existing heating system.

Air Source Unit: 14kw ECODAN unit producing 80% of heating. Hot water still produced by AGA and immersion heater.

Comment:

“The aim of this system is minimise the use of the existing oil boiler and adding comfort in the property by keeping a back ground heat all over the house instead of having a house going from hot to cold all the time with the benefit of reducing the running cost!”

How does it work:

“A heat pump is fitted alongside your existing heating system. The heat pump will take care of most of the heating needed during a large part of the year. However from time to time cold snaps may come and (due to different factors related to your house) the heat pump may not be able to cope alone. In these cases the system will go back to your existing boiler to get over these cold periods automatically.”

