

3 Bedroom Eco House

Autumn 2011



Age of Property/Location: 2007, Essington

Existing Insulation: Wooden frame building, double glazing, high insulation level.

Previous Heating System: Wood burner + buffer tank (electric back up) producing hot water and heating to underfloor heating.

Upgrading Required: none.

Back Up: Wood burner

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

Air Source Unit: 8.5kw ECODAN unit producing 100% of heating. Hot water still on wood burner and immersion heater.



Customer comment:

“My aim is to have as small a carbon footprint as possible. My wood burner is great but it is hard work to keep it going all the time throughout the winter. Fitting an air source heat pump was the obvious alternative choice for me. It now provides me with a comfortable ambient temperature via my original underfloor heating, low running costs and more importantly a smaller Carbon footprint“

