



ALDINGTON ~ ENERGY EFFICIENCY

We believe that energy efficiency is a key variable in a new house. Hence, there is a significant focus upon energy efficiency in every facet of the house.

Two burners are utilised in the house for optimal energy efficiency. One is for heating and one for hot water. There is a Dual water heating system in place.

- There is a separate condensing gas Vokera burner and digital timer for hot water if required. The Burner is rated to Coil of insulated stainless steel efficient cylinder.
- Velux Solar Panels are fitted to provide additional energy efficient water heating.

There is a separate condensing Vokera burner for underfloor heating only. The burner is rated to 92% efficiency approx with Kilowatt Load of Underfloor Heating.

Underfloor heating to all three levels of the house by Unipipe Ireland Limited.

Each floor level controlled by separate Manifold. Each room is zoned.

Each room is thermostatically controlled by electronic digital thermostat for efficiency and comfort heating setting as required.

All fireplaces fitted with Enamel Waterford Stanley solid fuel stoves to give a high efficiency rating*.

Wall, ceiling and roof insulation to an A Rated Standard.

Towel Rails independently controlled through their own digital timer. Each has own local valve for optimal efficiency.

All recessed lighting fitted with an A rated 5.5 Watt Philips Master LED Spot Bulbs for up to 40,000 Hours usage.

All internal ceiling hanging lights fitted with Philips A Rated low energy CFL warm white 10 year Life light bulbs.

All external light fittings (wall lights & stand up Harte Design garden lights) fitted with A Rated CFL low energy warm white 10 year life light bulbs

Whilst most facets of the house are constructed to an A rated energy standard, overall the BER Certificate is B1 Energy Rated. As befitting tradition, beautiful Sash windows have been utilised in the house for such traditional and aesthetic reasons. Said windows attach a B Rating.

** Burning wood in your Stanley is a cost effective and environmentally friendly method of heating your home. Wood is a renewable energy source which can be replaced over a short number of years compared to other fuels which take thousands of years to form. Wood is considered a carbon neutral fuel. As part of the process of photosynthesis, trees absorb carbon dioxide from the atmosphere. When you burn a log on a fire, it will only release the same amount of carbon dioxide as it absorbed while living. (Source : Waterford Stanley brochure, "Stanley Stoves – Ireland's Best Loved Stoves", 4)*

BER Details

BER : B1

Ber No. 100951839

Energy Performance Indicator :
83.98 kWh/m²/yr



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