

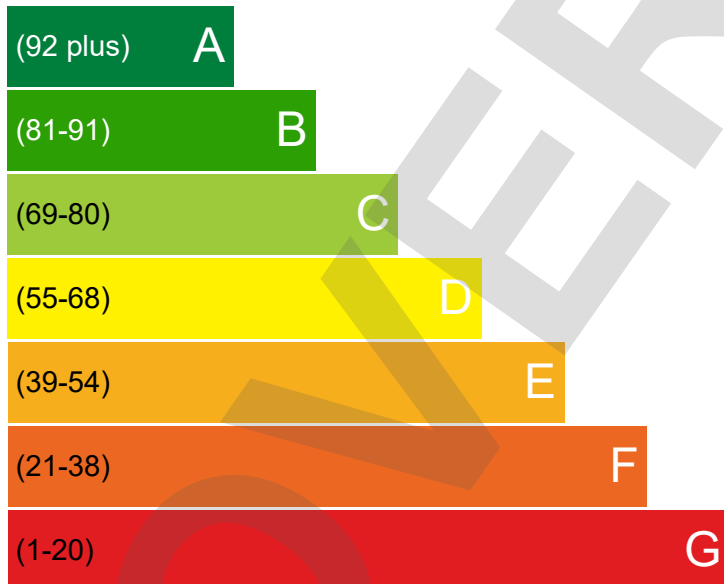
Dwelling Address	132A, Chester Road, Frodsham, Cheshire, WA6 9NN
Report Date	17/08/2023
Property Type	House, Detached
Floor Area [m <sup>2</sup> ]	316

This document is not an Energy Performance Certificate (EPC) as required by the Energy Performance of Buildings Regulations

## Energy Rating

The current energy rating represents the overall energy efficiency of the dwelling. The potential energy rating is the overall energy rating of the dwelling after all of the recommend measures provided on the next page have been installed. A higher score represents a more energy efficient dwelling with lower fuel bills.

Most energy efficient - lower running costs



CURRENT

POTENTIAL

87

90

Least energy efficient - higher running costs

## Breakdown of property's energy performance

Each feature is assessed as one of the following:



Feature	Description	Energy Performance
Walls	Average thermal transmittance 0.17 W/m <sup>2</sup> K	Very Good
Roof	Average thermal transmittance 0.14 W/m <sup>2</sup> K	Very Good
Floor	Average thermal transmittance 0.11 W/m <sup>2</sup> K	Very Good
Windows	High performance glazing	Very Good
Main heating	Air source heat pump, radiators and underfloor, electric	Very Good
Main heating controls	Time and temperature zone control	Very Good
Secondary heating	None	
Hot water	From main system	Good
Lighting	Excellent lighting efficiency	Very Good
Air tightness	Air permeability [AP50] = 6.0 m <sup>3</sup> /h.m <sup>2</sup> (assumed)	Good

## Primary Energy use

The primary energy use for this property per year is 23 kilowatt hour (kWh) per square metre

## Estimated CO<sub>2</sub> emissions of the dwelling





The estimated CO rating provides an indication of the dwelling's impact on the environment in terms of carbon dioxide emissions; the higher the rating the less impact it has on the environment.

The estimated CO emissions for this dwellings is: **0.7** per year

With the recommended measures the potential CO emissions could be: **0.6** per year

## Recommendations

The recommended measures provided below will help to improve the energy efficiency of the dwelling. To reach the dwelling's potential energy rating all of the recommended measures shown below would need to be installed. Having these measures installed individually or in any other order may give a different result when compared with the cumulative potential rating.

Recommended measure	Typical Yearly Saving	Potential Rating after measure installed	Cumulative savings (per year)	Cumulative Potential Rating
Solar water heating		 1	£37	 B 88
Photovoltaic	£223	 2	£260	 B 90

## Estimated energy use and potential savings

Estimated energy cost for this property over a year

**£993**

Over a year you could save

**£223**

The estimated cost and savings show how much the average household would spend in this property for heating, lighting and hot water. It is not based on how energy is used by the people living at the property.

## Contacting the assessor and the accreditation scheme

## Assessor contact details

Assessor name	Mr. Brian Symes
Assessor's accreditation number	EES/027775
Email Address	brian@redfansolutions.co.uk

## Accreditation scheme contact details

Accreditation scheme	Elmhurst Energy Systems Ltd
Telephone	07814710849
Email Address	brian@redfansolutions.co.uk

## Assessment details

Related party disclosure	No related party
Date of assessment	16/08/2023
Date of certificate	16/08/2023
Type of assessment	SAP, new dwelling