# Energy performance certificate (EPC)

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|---|---|---|---|
| Red Cedar House<br>Tanners Lane<br>Marshfield<br>CHIPPENHAM<br>SN14 8BF | Energy rating<br>**B** | Valid until: | **25 May 2032** |
| | | Certificate number: | **0390-3996-5050-2922-5335** |

| | |
|---|---|
| Property type | Detached house |
| Total floor area | 238 square metres |

## Rules on letting this property

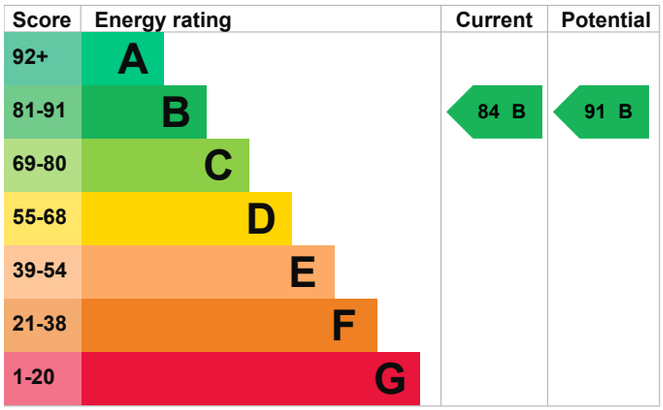
Properties can be let if they have an energy rating from A to E.

You can read guidance for landlords on the regulations and exemptions (https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance).

## Energy rating and score

This property's energy rating is B. It has the potential to be B.

See how to improve this property's energy efficiency.




The graph shows this property's current and potential energy rating.

**Properties get a rating from A (best) to G (worst) and a score.** The better the rating and score, the lower your energy bills are likely to be.

For properties in England and Wales:

the average energy rating is D
the average energy score is 60

# Breakdown of property’s energy performance

## Features in this property

Features get a rating from very good to very poor, based on how energy efficient they are. Ratings are not based on how well features work or their condition.

Assumed ratings are based on the property’s age and type. They are used for features the assessor could not inspect.

| Feature | Description | Rating |
|---|---|---|
| Walls | Average thermal transmittance 0.27 W/m²K | Very good |
| Roof | Average thermal transmittance 0.17 W/m²K | Good |
| Floor | Average thermal transmittance 0.11 W/m²K | Very good |
| Windows | High performance glazing | Very good |
| Main heating | Air source heat pump, underfloor, electric | Very good |
| Main heating control | Time and temperature zone control | Very good |
| Hot water | From main system | Poor |
| Lighting | Low energy lighting in all fixed outlets | Very good |
| Air tightness | Air permeability 5.6 m³/h.m² (as tested) | Good |
| Secondary heating | Room heaters, dual fuel (mineral and wood) | N/A |

## Low and zero carbon energy sources

Low and zero carbon energy sources release very little or no CO2. Installing these sources may help reduce energy bills as well as cutting carbon emissions. The following low or zero carbon energy sources are installed in this property:

- Air source heat pump

## Primary energy use

The primary energy use for this property per year is 72 kilowatt hours per square metre (kWh/m2).

## How this affects your energy bills

An average household would need to spend **£1,091 per year on heating, hot water and lighting** in this property. These costs usually make up the majority of your energy bills.

You could **save £104 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2022** when this EPC was created. People living at the property may use different amounts of energy for heating, hot water and lighting.

### Heating this property

Estimated energy needed in this property is:

- 11,188 kWh per year for heating
- 2,523 kWh per year for hot water

## Impact on the environment

This property's environmental impact rating is B. It has the potential to be B.

Properties get a rating from A (best) to G (worst) on how much carbon dioxide (CO2) they produce each year.

### Carbon emissions

| | |
|---|---|
| An average household produces | 6 tonnes of CO2 |
| This property produces | 2.9 tonnes of CO2 |
| This property's potential production | 1.7 tonnes of CO2 |

You could improve this property's CO2 emissions by making the suggested changes. This will help to protect the environment.

These ratings are based on assumptions about average occupancy and energy use. People living at the property may use different amounts of energy.

## Steps you could take to save energy

| Step | Typical installation cost | Typical yearly saving |
|---|---|---|
| **1. Solar water heating** | £4,000 - £6,000 | £104 |
| **2. Solar photovoltaic panels** | £3,500 - £5,500 | £360 |

### Advice on making energy saving improvements

Get detailed recommendations and cost estimates (www.gov.uk/improve-energy-efficiency)

# Who to contact about this certificate

## Contacting the assessor

If you're unhappy about your property's energy assessment or certificate, you can complain to the assessor who created it.

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|---|---|
| Assessor's name | Michael Andrews |
| Telephone | 01225 862266 |
| Email | mike@energy-saving-experts.com |

## Contacting the accreditation scheme

If you're still unhappy after contacting the assessor, you should contact the assessor's accreditation scheme.

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|---|---|
| Accreditation scheme | Elmhurst Energy Systems Ltd |
| Assessor's ID | EES/019603 |
| Telephone | 01455 883 250 |
| Email | enquiries@elmhurstenergy.co.uk |

## About this assessment

| | |
|---|---|
| Assessor's declaration | No related party |
| Date of assessment | 26 May 2022 |
| Date of certificate | 26 May 2022 |
| Type of assessment | SAP |