# Energy performance certificate (EPC)

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|---|---|---|---|
| 21 Orchard Place<br>CARDIFF<br>CF11 9DY | Energy rating<br>**D** | Valid until: | **20 June 2035** |
| | | Certificate number: | **9100-2997-0722-8523-3653** |

| | |
|---|---|
| Property type | Mid-terrace house |
| Total floor area | 54 square metres |

## Rules on letting this property

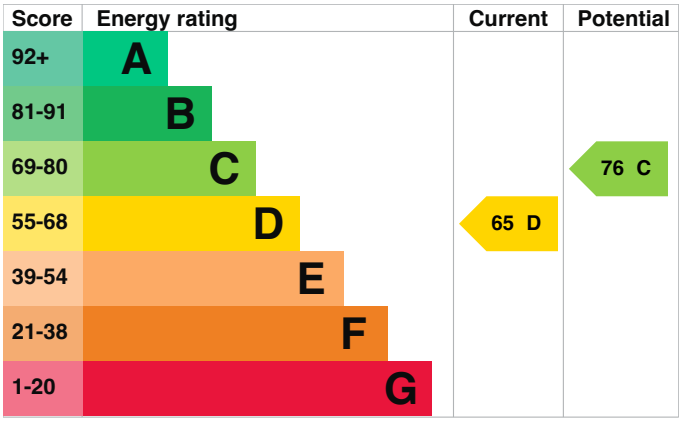
Properties can be let if they have an energy rating from A to E.

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 D. It has the potential to be C.

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 |
|---|---|---|
| Wall | Solid brick, as built, partial insulation (assumed) | Average |
| Wall | Cavity wall, as built, no insulation (assumed) | Poor |
| Roof | Pitched, 100 mm loft insulation | Average |
| Window | Fully double glazed | Average |
| Main heating | Boiler and radiators, mains gas | Good |
| Main heating control | TRVs and bypass | Average |
| Hot water | From main system | Good |
| Lighting | Below average lighting efficiency | Very poor |
| Floor | Solid, no insulation (assumed) | N/A |
| Air tightness | (not tested) | N/A |
| Secondary heating | None | N/A |

### Primary energy use

The primary energy use for this property per year is 226 kilowatt hours per square metre (kWh/m2).

### Additional information

Additional information about this property:

- Cavity fill is recommended

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## Smart meters

This property had **no smart meters** when it was assessed.

Smart meters help you understand your energy use and how you could save money. They may help you access better energy deals.

Find out how to get a smart meter (https://www.smartenergygb.org/)

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## How this affects your energy bills

An average household would need to spend **£823 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 £171 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2025** when this EPC was created. People living at the property may use different amounts of energy for heating, hot water and lighting.

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### Heating this property

Estimated energy needed in this property is:

- 6,265 kWh per year for heating
- 2,142 kWh per year for hot water

## Impact on the environment

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

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

### Carbon emissions

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|---|---|
| An average household produces | 6 tonnes of CO2 |
| This property produces | 2.2 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. Cavity wall insulation** | £900 - £1,500 | £35 |
| **2. Internal wall insulation** | £7,500 - £11,000 | £34 |
| **3. Low energy lighting** | £210 - £245 | £72 |
| **4. Heating controls (room thermostat)** | £220 - £250 | £29 |
| **5. Solar photovoltaic panels** | £8,000 - £10,000 | £181 |

### Advice on making energy saving improvements

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

Speak to an advisor from Nest (www.gov.wales/get-help-energy-efficiency-your-home-nest)

### Help paying for energy saving improvements

You may be eligible for help with the cost of improvements:

- Free energy saving improvements: Nest (www.gov.wales/get-free-home-energy-efficiency-improvements-nest)
- Heat pumps and biomass boilers: Boiler Upgrade Scheme (www.gov.uk/apply-boiler-upgrade-scheme)
- Help from your energy supplier: Energy Company Obligation (www.gov.uk/energy-company-obligation)

## 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 | Jason Thompson |
| Telephone | 07583 727 175 |
| Email | tremayne_@hotmail.co.uk |

### 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/026248 |
| Telephone | 01455 883 250 |
| Email | enquiries@elmhurstenergy.co.uk |

### About this assessment

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|---|---|
| Assessor's declaration | No related party |
| Date of assessment | 21 June 2025 |
| Date of certificate | 21 June 2025 |
| Type of assessment | RdSAP |