

Energy performance certificate (EPC)

33 Cawley Place
BARRY
CF63 2HS

Energy rating

E

Valid until: **31 January 2033**

Certificate
number: **3737-5529-4200-0816-3226**

Property type

Semi-detached house

Total floor area

68 square metres

Rules on letting this property

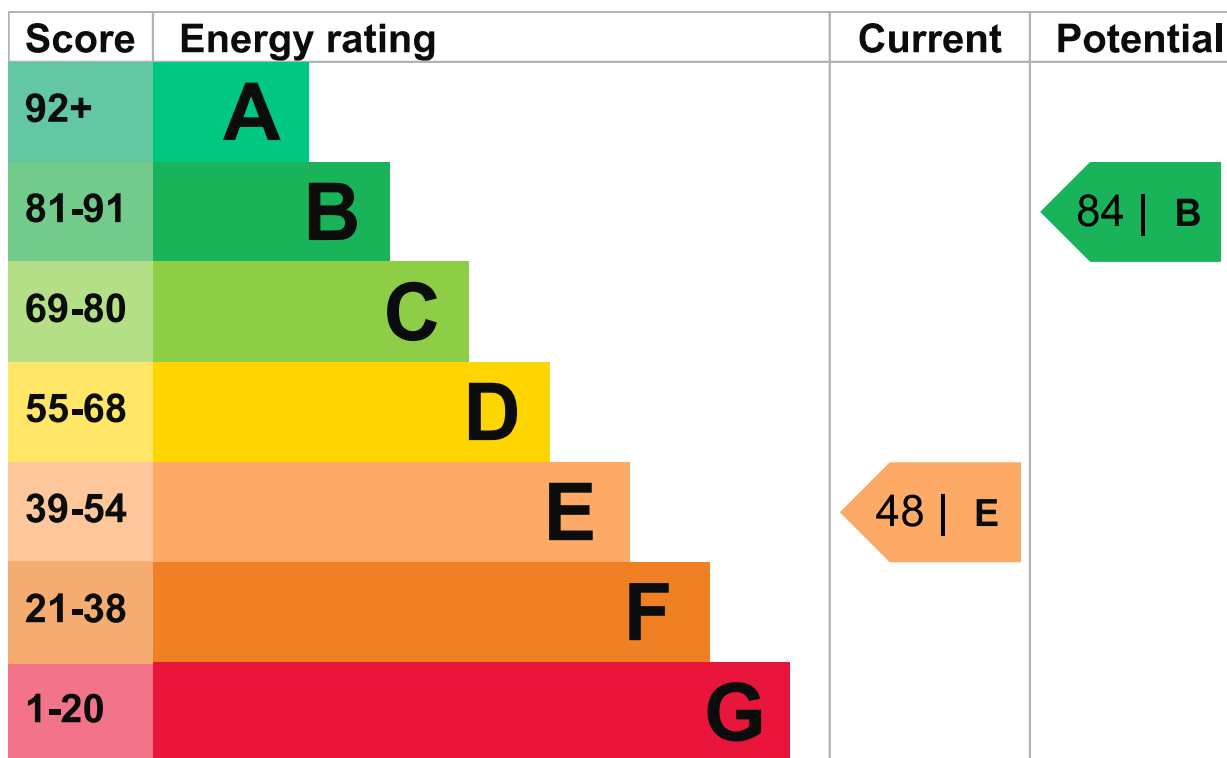
Properties can be let if they have an energy rating from A to E.

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

Energy efficiency rating for this property

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

[See how to improve this property's energy performance.](#)



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

Properties are given a rating from A (most efficient) to G (least efficient).

Properties are also given a score. The higher the number the lower your fuel 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

This section shows the energy performance for features of this property. The assessment does not consider the condition of a feature and how well it is working.

Each feature is assessed as one of the following:

- very good (most efficient)
- good
- average
- poor
- very poor (least efficient)

When the description says "assumed", it means that the feature could not be inspected and an assumption has been made based on the property's age and type.

Feature	Description	Rating
Wall	Cavity wall, filled cavity	Average
Roof	Pitched, 50 mm loft insulation	Poor
Window	Single glazed	Very poor

Feature	Description	Rating
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer and room thermostat	Average
Hot water	From main system, no cylinder thermostat	Poor
Lighting	Low energy lighting in 50% of fixed outlets	Good
Floor	Solid, no insulation (assumed)	N/A
Secondary heating	Room heaters, mains gas	N/A

Primary energy use

The primary energy use for this property per year is 400 kilowatt hours per square metre (kWh/m²).

► [What is primary energy use?](#)

Environmental impact of this property

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

Properties are rated in a scale from A to G based on how much carbon dioxide (CO₂) they produce.

Properties with an A rating produce less CO₂ than G rated properties.

An average household produces

6 tonnes of CO₂

This property produces

4.8 tonnes of CO₂

This property's potential production

1.2 tonnes of CO₂

By making the [recommended changes](#), you could reduce this property's CO₂ emissions by 3.6 tonnes per year. This will help to protect the environment.

Environmental impact ratings are based on assumptions about average occupancy and energy use. They may not reflect how energy is consumed by the people living at the property.

Improve this property's energy performance

By following our step by step recommendations you could reduce this property's energy use and potentially save money.

Carrying out these changes in order will improve the property's energy rating and score from E (48) to B (84).

► [Do I need to follow these steps in order?](#)



Step 1: Increase loft insulation to 270 mm

Typical installation cost

£100 - £350

Typical yearly saving

£47

Potential rating after completing step 1

50 | E

Step 2: Floor insulation (solid floor)

Typical installation cost

£4,000 - £6,000

Typical yearly saving

£50

Potential rating after completing steps 1 and 2

53 | E

Step 3: Hot water cylinder insulation

Add additional 80 mm jacket to hot water cylinder

Typical installation cost

£15 - £30

Typical yearly saving

£16

Potential rating after completing steps 1 to 3

54 | E

Step 4: Low energy lighting

Typical installation cost

£20

Typical yearly saving

£30

Potential rating after completing steps 1 to 4

54 | E

Step 5: Hot water cylinder thermostat

Typical installation cost

£200 - £400

Typical yearly saving

£81

Potential rating after completing steps 1 to 5

58 | D

Step 6: Heating controls (thermostatic radiator valves)

Heating controls (TRVs)

Typical installation cost

£350 - £450

Typical yearly saving

£33

Potential rating after completing steps 1 to 6

59 | D

Step 7: Replace boiler with new condensing boiler

Typical installation cost

£2,200 - £3,000

Typical yearly saving

£158

Potential rating after completing steps 1 to 7

67 | D

Step 8: Solar water heating

Typical installation cost

£4,000 - £6,000

Typical yearly saving

£40

Potential rating after completing steps 1 to 8

69 | C

Step 9: Double glazed windows

Replace single glazed windows with low-E double glazed windows

Typical installation cost

£3,300 - £6,500

Typical yearly saving

£62

Potential rating after completing steps 1 to 9

72 | C

Step 10: Solar photovoltaic panels, 2.5 kWp

Typical installation cost

£3,500 - £5,500

Typical yearly saving

£447

Potential rating after completing steps 1 to 10

84 | B

Paying for energy improvements

You might be able to get a grant from the [Boiler Upgrade Scheme \(https://www.gov.uk/apply-boiler-upgrade-scheme\)](https://www.gov.uk/apply-boiler-upgrade-scheme). This will help you buy a more efficient, low carbon heating system for this property.

Estimated energy use and potential savings

Based on average energy costs when this EPC was created:

Estimated yearly energy cost for this property

£1116

Potential saving if you complete every step in order

£518

The estimated cost shows 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.

Heating use in this property

Heating a property usually makes up the majority of energy costs.

Estimated energy used to heat this property

Type of heating	Estimated energy used
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Space heating	8873 kWh per year
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Water heating	3382 kWh per year
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Potential energy savings by installing insulation

Type of insulation	Amount of energy saved
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Loft insulation	668 kWh per year
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Saving energy in this property

[Find ways to save energy in your home.](#)

Contacting the assessor and accreditation scheme

This EPC was created by a qualified energy assessor.

If you are unhappy about your property's energy assessment or certificate, you can complain to the assessor directly.

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

Accreditation schemes are appointed by the government to ensure that assessors are qualified to carry out EPC assessments.

Assessor contact details

Assessor's name

Heidi Wangemann

Telephone

07525152144

Email

hwenergy@outlook.com

Accreditation scheme contact details

Accreditation scheme

Elmhurst Energy Systems Ltd

Assessor ID

EES/024207

Telephone

01455 883 250

Email

enquiries@elmhurstenergy.co.uk

Assessment details

Assessor's declaration

No related party

Date of assessment

26 January 2023

Date of certificate

1 February 2023

Type of assessment

▶ [RdSAP](#)

Other certificates for this property

If you are aware of previous certificates for this property and they are not listed here, please contact us at dluhc.digital-services@levellingup.gov.uk or call our helpdesk on 020 3829 0748 (Monday to Friday, 9am to 5pm).

Certificate number

[9488-2817-6598-9620-5721 \(/energy-certificate/9488-2817-6598-9620-5721\)](#)

Expired on

25 November 2020
