Energy performance certificate (EPC)

7 Garden Close Llanbradach CAERPHILLY CF83 3NA Energy rating

Valid until: 23 October 2033

Certificate number: 9737-6520-8309-0521-1292

Property type Semi-detached house

Total floor area 81 square metres

Rules on letting this property

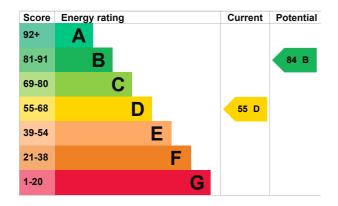
Properties can be let if they have an energy rating from A to E.

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

Energy rating and score

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

<u>See how to improve this property's energy</u> 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	Cavity wall, as built, partial insulation (assumed)	Average	
Roof	Pitched, limited insulation (assumed)	Poor	
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, no cylinder thermostat	Poor	
Lighting	Low energy lighting in 91% of fixed outlets	Very 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 362 kilowatt hours per square metre (kWh/m2).

Additional information

Additional information about this property:

· Cavity fill is recommended

How this affects your energy bills

An average household would need to spend £2,630 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 £1,185 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2023** 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:

- 10,124 kWh per year for heating
- 3,494 kWh per year for hot water

Impact on the environment

This property's current environmental impact rating is E. 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. CO2 harms the environment.

Carbon emissions

An average household produces

6 tonnes of CO2

This property produces	5.2 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.

Changes you could make

Step	Typical installation cost	Typical yearly saving
1. Cavity wall insulation	£500 - £1,500	£302
2. Floor insulation (solid floor)	£4,000 - £6,000	£118
3. Add additional 80 mm jacket to hot water cylinder	£15 - £30	£38
4. Hot water cylinder thermostat	£200 - £400	£64
5. Heating controls (room thermostat)	£350 - £450	£143
6. Condensing boiler	£2,200 - £3,000	£413
7. Solar water heating	£4,000 - £6,000	£107
8. Solar photovoltaic panels	£3,500 - £5,500	£687

Help paying for energy improvements

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

More ways to save energy

Find ways to save energy in your home by visiting 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.

Assessor's name	Dean Williams
Telephone	07368227527
Email	williams.dean5@sky.com

Contacting the accreditation scheme

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

Accreditation scheme	Elmhurst Energy Systems Ltd
Assessor's ID	EES/025713
Telephone	01455 883 250
Email	enquiries@elmhurstenergy.co.uk
About this assessment	
Assessor's declaration	No related party
Date of assessment	19 October 2023
Date of certificate	24 October 2023
Type of assessment	RdSAP