Energy performance certificate (EPC)

17, Ragged Hall Lane ST. ALBANS AL2 3LB	Energy rating **D**	Valid until:	**30 July 2027**
		Certificate number:	**8143-7223-5030-5349-1976**

Property type	Semi-detached bungalow
Total floor area	76 square metres

Rules on letting this property

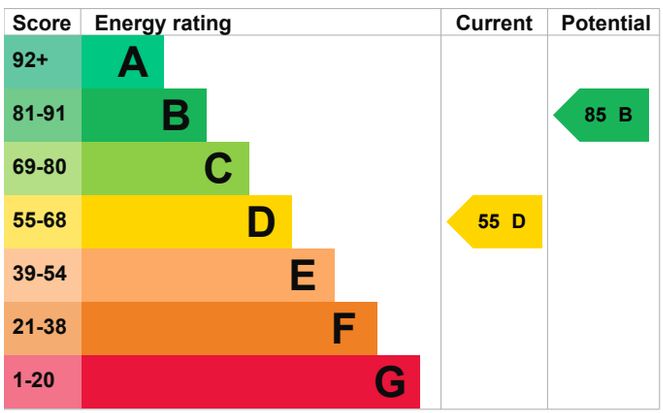
Properties can be let if they have an energy rating from A to E.

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 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
Wall	Cavity wall, filled cavity	Good
Roof	Pitched, 100 mm loft insulation	Average
Roof	Flat, no insulation	Very poor
Window	Single glazed	Very poor
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer, no room thermostat	Very poor
Hot water	From main system	Good
Lighting	Low energy lighting in 30% of fixed outlets	Average
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 340 kilowatt hours per square metre (kWh/m2).

How this affects your energy bills

An average household would need to spend **£1,001 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 £452 per year** if you complete the suggested steps for improving this property’s energy rating.

This is **based on average costs in 2017** 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:

- 11,358 kWh per year for heating
- 4,066 kWh per year for hot water

Impact on the environment

This property's 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.

Carbon emissions

An average household produces	6 tonnes of CO2
This property produces	4.6 tonnes of CO2
This property's potential production	1.3 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. Increase loft insulation to 270 mm	£100 - £350	£37
2. Flat roof or sloping ceiling insulation	£850 - £1,500	£46
3. Floor insulation (solid floor)	£4,000 - £6,000	£62
4. Increase hot water cylinder insulation	£15 - £30	£46
5. Draught proofing	£80 - £120	£18
6. Low energy lighting	£35	£31
7. Heating controls (room thermostat and TRVs)	£350 - £450	£91
8. Solar water heating	£4,000 - £6,000	£50
9. Replace single glazed windows with low-E double glazed windows	£3,300 - £6,500	£72
10. Solar photovoltaic panels	£5,000 - £8,000	£289

Advice on making energy saving improvements

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

Help paying for energy saving improvements

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

- Free energy saving improvements: Warm Homes Local Grant (www.gov.uk/apply-warm-homes-local-grant)
- 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.

Assessor's name	Patrick Eneh
Telephone	08707662510
Email	epc@llewellynsmith.co.uk

Contacting the accreditation scheme

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

Accreditation scheme	Stroma Certification Ltd
Assessor's ID	STRO028605
Telephone	01455 883 250
Email	enquiries@elmhurstenergy.co.uk

About this assessment

Assessor's declaration	No related party
Date of assessment	31 July 2017
Date of certificate	31 July 2017
Type of assessment	RdSAP