Energy performance certificate (EPC)

7, Shepherds Row Redbourn ST. ALBANS AL3 7BT	Energy rating	Valid until: Certificate number:	16 February 2022 0094-2853-6224-9692-8761
Property type	Mid-Terrace house		
Total floor area	45 square metres		

Rules on letting this property

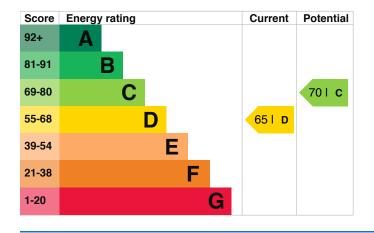
Properties can be rented if they have an energy rating from A to E.

If the property is rated F or G, it cannot be let, unless an exemption has been registered. 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 efficiency rating for this property

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

<u>See how to improve this property's energy</u> 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	Solid brick, as built, no insulation (assumed)	Very poor
Roof	Pitched, 100 mm loft insulation	Average
Window	Full secondary glazing	Good
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer and room thermostat	Average
Hot water	From main system	Good
Lighting	Low energy lighting in 60% of fixed outlets	Good
Floor	Suspended, no insulation (assumed)	N/A
Secondary heating	None	N/A

Primary energy use

The primary energy use for this property per year is 265 kilowatt hours per square metre (kWh/m2).

Environmental imp property	act of this	This property's potential production	1.8 tonnes of CO2
One of the biggest contribuction change is carbon dioxide (used for heating, lighting a homes produces over a que CO2 emissions.	CO2). The energy Ind power in our	By making the <u>recomme</u> could reduce this proper 0.5 tonnes per year. This environment.	ty's CO2 emissions by
An average household produces	6 tonnes of CO2	Environmental impact ra assumptions about aver	age occupancy and
This property produces	2.3 tonnes of CO2	energy use. They may n consumed by the people	

How to improve this property's energy performance

Making any of the recommended changes will improve this property's energy efficiency.

If you make all of the recommended changes, this will improve the property's energy rating and score from D (65) to C (70).

Recommendation	Typical installation cost	Typical yearly saving
1. Low energy lighting	£5	£10
2. Heating controls (TRVs)	£350 - £450	£14
3. Condensing boiler	£1,500 - £3,500	£60
4. Solar water heating	£4,000 - £6,000	£28
5. Internal or external wall insulation	£5,500 - £14,500	£43
6. Solar photovoltaic panels	£11,000 - £20,000	£227
7. Wind turbine	£1,500 - £4,000	£19

Paying for energy improvements

Find energy grants and ways to save energy in your home. (https://www.gov.uk/improve-energy-efficiency)

Energy performance certificate (EPC) - Find an energy certificate - GOV.UK

Estimated energy use and potential savings

Estimated yearly energy cost for this property	£523
Potential saving	£84

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.

The estimated saving is based on making all of the recommendations in <u>how to improve this</u> <u>property's energy performance</u>.

For advice on how to reduce your energy bills visit <u>Simple Energy Advice</u> (<u>https://www.simpleenergyadvice.org.uk/</u>).

Heating use in this property

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

Estimated energy used to heat this property		
Space heating	4509 kWh per year	
Water heating	2377 kWh per year	

Potential energy savings by installing insulation

The assessor did not find any opportunities to save energy by installing insulation in this property.

You might be able to receive <u>Renewable Heat</u> <u>Incentive payments (https://www.gov.uk/domestic-renewable-heat-incentive)</u>. This will help to reduce carbon emissions by replacing your existing heating system with one that generates renewable heat. The estimated energy required for space and water heating will form the basis of the payments.

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 Telephone Email Douglas Lacey 07595396887 douglas@bedshertsenergy.co.uk

Accreditation scheme contact details

Accreditation scheme Assessor ID Telephone Email

Assessment details

Assessor's declaration Date of assessment Date of certificate

Type of assessment

Stroma Certification Ltd STRO004083 0330 124 9660 certification@stroma.com

No related party 17 February 2012 17 February 2012 RdSAP