

# Energy performance certificate (EPC)

Flat 62 Liberty House  
Bessemer Road  
WELWYN GARDEN CITY  
AL7 1FU

Energy rating

**D**

Valid until: **9 March 2027**

Certificate number: **9208-9038-7367-4373-1964**

Property type	Mid-floor flat
Total floor area	33 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 \(https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance\)](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 D.

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

Score	Energy rating	Current	Potential
92+	<b>A</b>		
81-91	<b>B</b>		
69-80	<b>C</b>		
55-68	<b>D</b>	64   D	64   D
39-54	<b>E</b>		
21-38	<b>F</b>		
1-20	<b>G</b>		

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
Walls	Average thermal transmittance 0.24 W/m <sup>2</sup> K	Very good
Floor	Average thermal transmittance 0.05 W/m <sup>2</sup> K	Very good
Windows	Fully double glazed	Average
Main heating	Boiler & underfloor, electric	Very poor
Main heating control	Programmer, room thermostat and TRVs	Good
Hot water	From main system	Poor
Lighting	Low energy lighting in all fixed outlets	Very good
Roof	(other premises above)	N/A
Secondary heating	None	N/A
Air tightness	(not tested)	N/A

## Primary energy use

The primary energy use for this property per year is 322 kilowatt hours per square metre (kWh/m<sup>2</sup>).

## Environmental impact of this property

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

Properties are rated in a scale from A to G based on how much carbon dioxide (CO<sub>2</sub>) they produce.

Properties with an A rating produce less CO<sub>2</sub> than G rated properties.

An average household produces	6 tonnes of CO <sub>2</sub>
This property produces	1.8 tonnes of CO <sub>2</sub>
This property's potential production	1.8 tonnes of CO <sub>2</sub>

By making the [recommended changes](#), you could reduce this property's CO<sub>2</sub> emissions by 0.0 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.

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## How to improve this property's energy performance

The assessor did not make any recommendations for this property.

[Simple Energy Advice has guidance on improving a property's energy use.](https://www.simpleenergyadvice.org.uk/)  
(<https://www.simpleenergyadvice.org.uk/>)

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## Paying for energy improvements

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

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## Estimated energy use and potential savings

Estimated yearly energy cost for this property	£535
Potential saving	£0

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

For advice on how to reduce your energy bills visit [Simple Energy Advice \(https://www.simpleenergyadvice.org.uk/\)](https://www.simpleenergyadvice.org.uk/).

### 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	1744 kWh per year
Water heating	1382 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 [Renewable Heat Incentive payments \(https://www.gov.uk/domestic-renewable-heat-incentive\)](https://www.gov.uk/domestic-renewable-heat-incentive). 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.

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## 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	Jordan Short
Telephone	01634727255
Email	<a href="mailto:jordan.short@waterstonedesign.co.uk">jordan.short@waterstonedesign.co.uk</a>

### Accreditation scheme contact details

Accreditation scheme	Stroma Certification Ltd
Assessor ID	STRO025895
Telephone	0330 124 9660
Email	<a href="mailto:certification@stroma.com">certification@stroma.com</a>

### Assessment details

Assessor's declaration	No related party
Date of assessment	10 March 2017
Date of certificate	10 March 2017
Type of assessment	<a href="#">SAP</a>