

Energy performance certificate (EPC)

Bensons Barn
Wethersfield Road
Finchingfield
BRAINTREE
CM7 4NX

Energy rating

B

Valid until:

2 November 2026

Certificate number:

8416-7226-4140-7888-3926

Property type

Detached bungalow

Total floor area

84 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 rating and score

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

[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

Score	Energy rating	Current	Potential
92+	A		112 A
81-91	B	86 B	
69-80	C		
55-68	D		
39-54	E		
21-38	F		
1-20	G		

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	Timber frame, as built, partial insulation (assumed)	Average
Wall	Timber frame, as built, insulated (assumed)	Very good
Roof	Pitched, 250 mm loft insulation	Good
Roof	Pitched, 270 mm loft insulation	Good
Window	Partial double glazing	Average
Main heating	Air source heat pump, underfloor, electric	Good
Main heating control	Time and temperature zone control	Very good
Hot water	From main system	Poor
Lighting	Low energy lighting in 83% of fixed outlets	Very good
Floor	Solid, insulated	N/A
Floor	Solid, insulated (assumed)	N/A
Secondary heating	None	N/A

Low and zero carbon energy sources

Low and zero carbon energy sources release very little or no CO₂. Installing these sources may help reduce energy bills as well as cutting carbon emissions. The following low or zero carbon energy sources are installed in this property:

- Air source heat pump
- Solar photovoltaics

Primary energy use

The primary energy use for this property per year is 73 kilowatt hours per square metre (kWh/m²).

Additional information

Additional information about this property:

- PVs or wind turbine present on the property (England, Wales or Scotland)
The assessment does not include any feed-in tariffs that may be applicable to this property.
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How this affects your energy bills

An average household would need to spend **£855 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 £141 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2016** 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:

- 10,646 kWh per year for heating
 - 2,820 kWh per year for hot water
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Impact on the environment

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

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 1.0 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. Solar water heating	£4,000 - £6,000	£103
2. Replace single glazed windows with low-E double glazed windows	£3,300 - £6,500	£37
3. Wind turbine	£15,000 - £25,000	£552

Advice on making energy saving improvements

[Get detailed recommendations and cost estimates \(www.gov.uk/improve-energy-efficiency\)](http://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	John Denby
Telephone	01502 564 591
Email	john@ecea.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	STRO001304
Telephone	0330 124 9660
Email	certification@stroma.com

About this assessment

Assessor's declaration	No related party
Date of assessment	28 June 2016
Date of certificate	3 November 2016
Type of assessment	RdSAP
