

# Energy performance certificate (EPC)

WILLIAM COTTAGE  
THE STREET  
METFIELD  
IP20 0LB

Energy rating

E

Valid until 12 November 2030

Certificate number

1190-6496-0322-1091-3903

## Property type

Mid-terrace house

## Total floor area

78 square metres

## Rules on letting this property

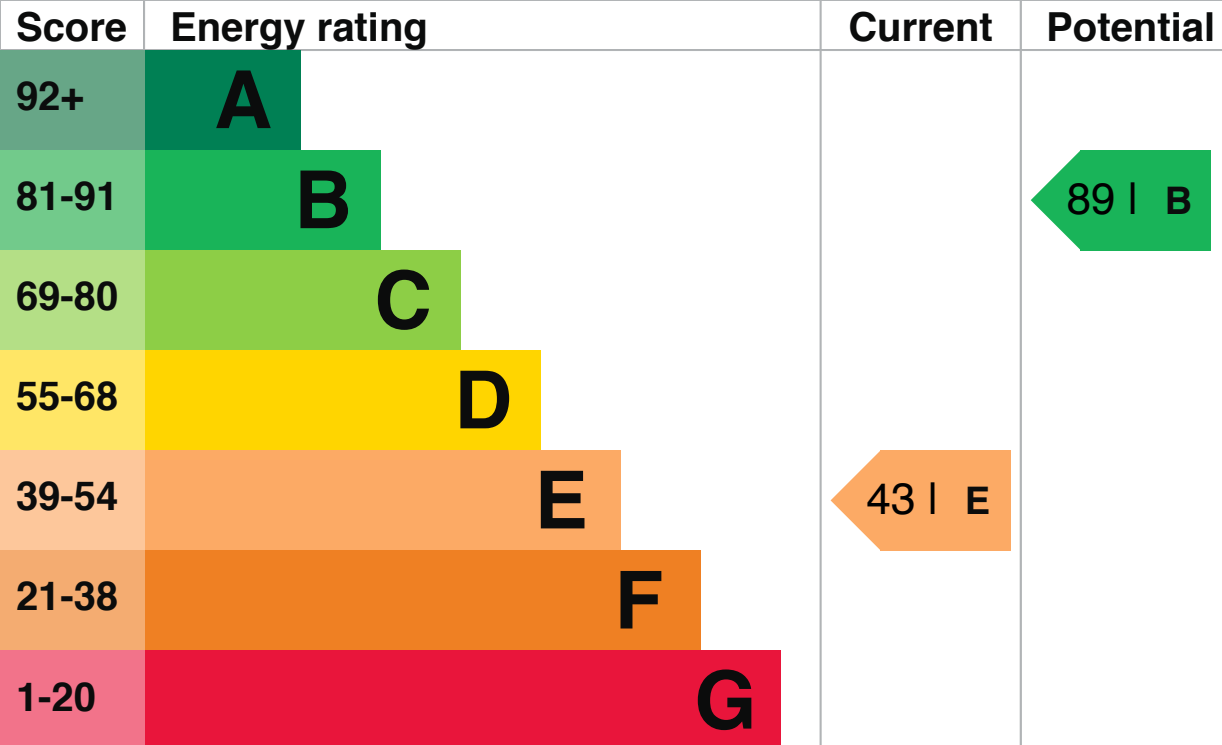
Properties can be rented if they have an energy rating from A to E.

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 E. It has the potential to be B.

[See how to improve this property's energy 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 this number, the lower your carbon dioxide (CO2) emissions are likely to be.

The average energy rating and score for a property in England and Wales are D (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, 300 mm loft insulation	Very good
Window	Some double glazing	Very poor
Main heating	Boiler and radiators, oil	Average
Main heating control	Programmer, TRVs and bypass	Average
Hot water	From main system	Average
Lighting	Low energy lighting in 57% of fixed outlets	Good

Feature	Description	Rating
Floor	Solid, no insulation (assumed)	N/A
Secondary heating	Room heaters, dual fuel (mineral and wood)	N/A

## Primary energy use

The primary energy use for this property per year is 309 kilowatt hours per square metre (kWh/m<sup>2</sup>).

► [What is primary energy use?](#)

### Environmental impact of this property

One of the biggest contributors to climate change is carbon dioxide (CO<sub>2</sub>). The energy used for heating, lighting and power in our homes produces over a quarter of the UK's CO<sub>2</sub> emissions.

### An average household produces

6 tonnes of CO<sub>2</sub>

### This property produces

6.2 tonnes of CO<sub>2</sub>

### This property's potential production

1.4 tonnes of CO<sub>2</sub>

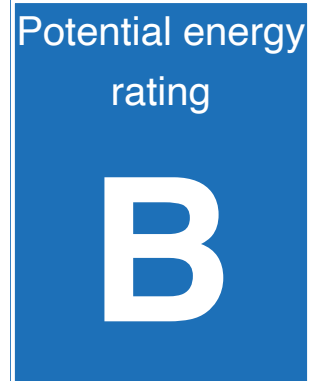
By making the [recommended changes](#), you could reduce this property's CO<sub>2</sub> emissions by 4.8 tonnes per year. This will help to protect the environment.

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.

## 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 E (43) to B (89).



[What is an energy rating?](#)

### Recommendation 1: Internal or external wall insulation

Internal or external wall insulation

**Typical installation cost**

£4,000 - £14,000

**Typical yearly saving**

£302

**Potential rating after carrying out recommendation 1**

60 | D

### Recommendation 2: Floor insulation (solid floor)

Floor insulation (solid floor)

**Typical installation cost**

£4,000 - £6,000

**Typical yearly saving**

£61

**Potential rating after carrying out recommendations 1 and 2**

63 | D

### Recommendation 3: Hot water cylinder insulation

Add additional 80 mm jacket to hot water cylinder

**Typical installation cost**

£15 - £30

**Typical yearly saving**

£10

Potential rating after carrying out recommendations 1 to 3

64 | D

## Recommendation 4: Draught proofing

Draught proofing

Typical installation cost

£80 - £120

Typical yearly saving

£15

Potential rating after carrying out recommendations 1 to 4

65 | D

## Recommendation 5: Low energy lighting

Low energy lighting

Typical installation cost

£15

Typical yearly saving

£27

Potential rating after carrying out recommendations 1 to 5

65 | D

## Recommendation 6: Heating controls (room thermostat)

Heating controls (room thermostat)

Typical installation cost

£350 - £450

Typical yearly saving

£43

Potential rating after carrying out recommendations 1 to 6

68 | D

## Recommendation 7: Replace boiler with new condensing boiler

Condensing boiler

Typical installation cost

£2,200 - £3,000

Typical yearly saving

£48

Potential rating after carrying out recommendations 1 to 7

70 | C

## Recommendation 8: Solar water heating

Solar water heating

Typical installation cost

£4,000 - £6,000

Typical yearly saving

£45

Potential rating after carrying out recommendations 1 to 8

73 | C

## Recommendation 9: Double glazed windows

Replace single glazed windows with low-E double glazed windows

Typical installation cost

£3,300 - £6,500

Typical yearly saving

£75

Potential rating after carrying out recommendations 1 to 9

77 | C

## Recommendation 10: Solar photovoltaic panels, 2.5 kWp

Solar photovoltaic panels

Typical installation cost

**Typical yearly saving**

£362

**Potential rating after carrying out recommendations 1 to 10**

89 | B

**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)**Estimated energy use and potential savings****Estimated yearly energy cost for this property**

£1076

**Potential saving**

£624

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**

12654.0 kWh per year

**Water heating**

2791.0 kWh per year

**Potential energy savings by installing insulation****Type of insulation****Amount of energy saved****Solid wall insulation**

5149 kWh per year

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.

**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

Sam Spindler

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### Telephone

01986 785574

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### Email

[sales@elementsepc.net](mailto:sales@elementsepc.net)

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## Accreditation scheme contact details

### Accreditation scheme

Elmhurst Energy Systems Ltd

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### Assessor ID

EES/014475

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### Telephone

01455 883 250

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### Email

[enquiries@elmhurstenergy.co.uk](mailto:enquiries@elmhurstenergy.co.uk)

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## Assessment details

### Assessor's declaration

No related party

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### Date of assessment

11 November 2020

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### Date of certificate

13 November 2020

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### Type of assessment



### Other certificates for this property

If you are aware of previous certificates for this property and they are not listed here, please contact us at [mhclg.digital-services@communities.gov.uk](mailto:mhclg.digital-services@communities.gov.uk), or call our helpdesk on 020 3829 0748.

There are no related certificates for this property.