# Energy performance certificate (EPC)

Autumn Cottage Hotley Bottom Lane Prestwood GREAT MISSENDEN HP16 9PL Energy rating

D

Valid until: 22 May 2033

Certificate number:

2570-3027-2205-8227-0200

## **Property type**

Detached house

#### Total floor area

224 square metres

### Rules on letting this property

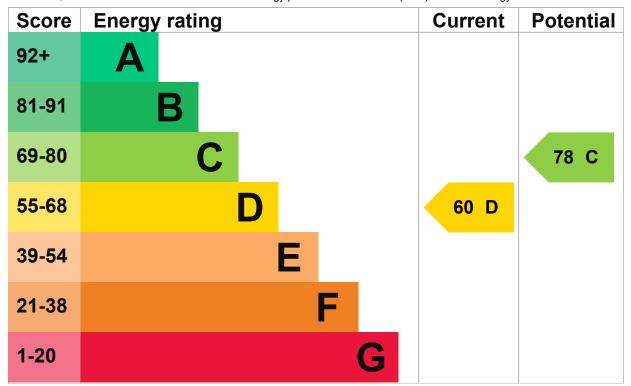
Properties can be let if they have an energy rating from A to E.

You can read <u>guidance</u> for <u>landlords</u> on the <u>regulations</u> and <u>exemptions</u> (<u>https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance</u>).

#### **Energy rating and score**

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

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	Solid brick, as built, no insulation (assumed)	Very poor
Wall	Cavity wall, as built, insulated (assumed)	Good
Roof	Pitched, 150 mm loft insulation	Good
Window	Partial double glazing	Poor
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer, room thermostat and TRVs	Good
Hot water	From main system	Good

Feature	Description	Rating
Lighting	Low energy lighting in 83% of fixed outlets	Very good
Floor	Solid, no insulation (assumed)	N/A
Floor	Solid, limited insulation (assumed)	N/A
Secondary heating	Room heaters, coal	N/A

# Primary energy use

The primary energy use for this property per year is 250 kilowatt hours per square metre (kWh/m2).

About primary energy use

## How this affects your energy bills

An average household would need to spend £4,762 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 £1,640 per year if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2023** 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:

- 27,948 kWh per year for heating
- 3,199 kWh per year for hot water

#### Impact on the environment

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

Properties get a rating from A (best) to G (worst) on how much carbon dioxide (CO2) they produce each year. CO2 harms the environment.

# **Carbon emissions**

# An average household produces

6 tonnes of CO2

# This property produces

12.0 tonnes of CO2

# This property's potential production

6.6 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.

#### Changes you could make

## Do I need to follow these steps in order?

# Step 1: Internal or external wall insulation

## **Typical installation cost**

£4,000 - £14,000

## Typical yearly saving

£835

## Potential rating after completing step 1

66 D

# Step 2: Floor insulation (solid floor)

# **Typical installation cost**

£4,000 - £6,000

## Typical yearly saving

£223

# Potential rating after completing steps 1 and 2

68 D

# Step 3: Replace boiler with new condensing boiler

# Typical installation cost

£2,200 - £3,000

# Typical yearly saving

£374

# Potential rating after completing steps 1 to 3

71 C

# Step 4: Double glazed windows

Replace single glazed windows with low-E double glazed windows

## **Typical installation cost**

£3,300 - £6,500

## Typical yearly saving

£207

## Potential rating after completing steps 1 to 4



# Step 5: Solar photovoltaic panels, 2.5 kWp

# **Typical installation cost**

£3,500 - £5,500

## Typical yearly saving

£673

## Potential rating after completing steps 1 to 5

78 C

# Help paying for energy improvements

You might be able to get a grant from the <u>Boiler Upgrade Scheme (https://www.gov.uk/apply-boiler-upgrade-scheme)</u>. This will help you buy a more efficient, low carbon heating system for this property.

# More ways to save energy

Find ways to save energy in your home.

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

Paul Lenton

## Telephone

07710 764872

## **Email**

paul.lenton@homecountiesepcs.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

Elmhurst Energy Systems Ltd

## Assessor's ID

EES/020911

## **Telephone**

01455 883 250

#### **Email**

enquiries@elmhurstenergy.co.uk

# About this assessment

### Assessor's declaration

No related party

#### Date of assessment

23 May 2023

## Date of certificate

23 May 2023

## Type of assessment



RdSAP

### 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 <a href="mailto:dluhc.digital-services@levellingup.gov.uk">dluhc.digital-services@levellingup.gov.uk</a> or call our helpdesk on 020 3829 0748 (Monday to Friday, 9am to 5pm).

There are no related certificates for this property.