Energy performance certificate (EPC)

BADGERS RISE
6 PARK DRIVE
MASHAM
HG4 4HY

Energy rating

E

Valid until 9 December 2030

Certificate number

0330-9222-9009-0611-2202

Property type

Detached house

Total floor area

115 square metres

Rules on letting this property

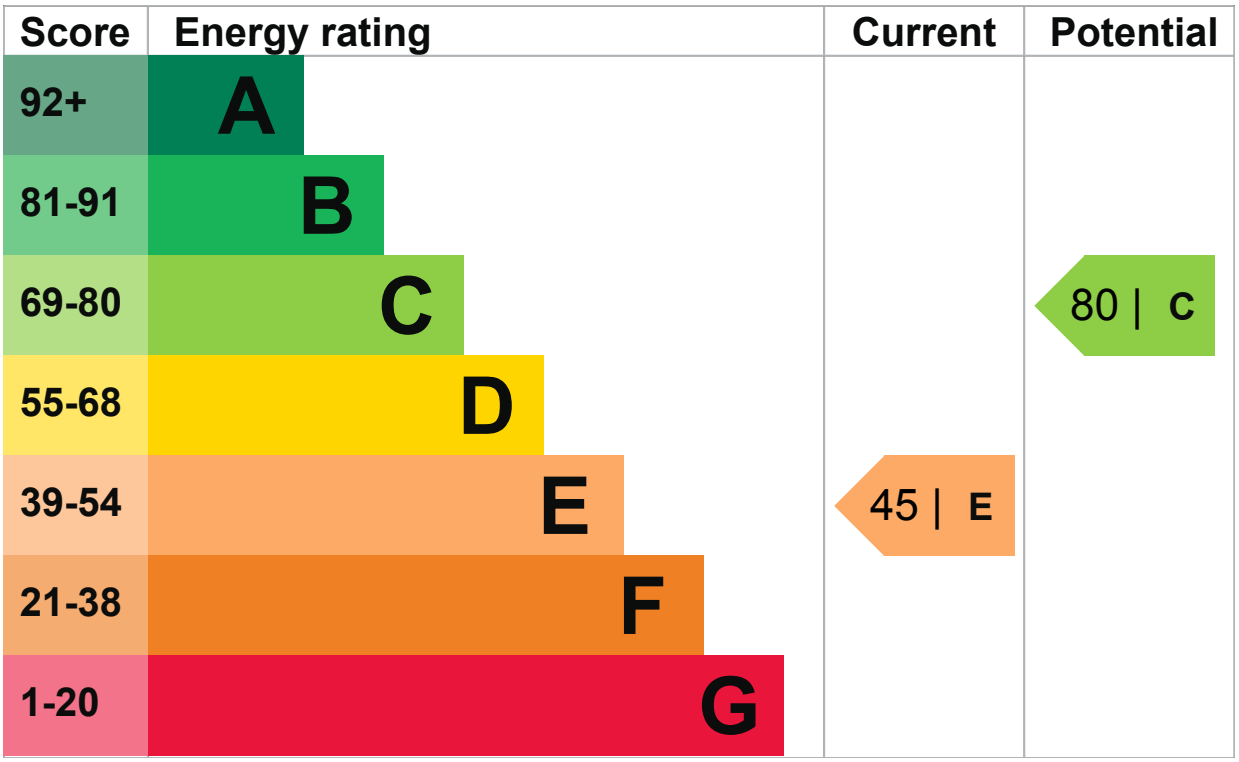
Properties can be rented if they have an energy rating from A to E.

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 E. It has the potential to be C.

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	Cavity wall, as built, no insulation (assumed)	Poor
Roof	Pitched, 150 mm loft insulation	Good
Window	Fully double glazed	Average
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Room thermostat only	Poor

Feature	Description	Rating
Hot water	From main system, no cylinder thermostat	Poor
Lighting	No low energy lighting	Very poor
Floor	Suspended, no insulation (assumed)	N/A
Secondary heating	Room heaters, mains gas	N/A

Primary energy use

The primary energy use for this property per year is 423 kilowatt hours per square metre (kWh/m2).

▶ What is primary energy use?

Environmental impact of this property

One of the biggest contributors to climate change is carbon dioxide (CO2). The energy used for heating, lighting and power in our homes produces over a quarter of the UK's CO2 emissions.

An average household produces

6 tonnes of CO2

This property produces

8.6 tonnes of CO2

This property's potential production

3.2 tonnes of CO2

By making the recommended changes, you could reduce this property's CO2 emissions by 5.4 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 (45) to C (80).

Potential energy rating

C

▶ What is an energy rating?

Recommendation 1: Cavity wall insulation

Cavity wall insulation

Typical installation cost

£500 - £1,500

Typical yearly saving

£189

Potential rating after carrying out recommendation 1

50 | E

Recommendation 2: Floor insulation (suspended floor)

Floor insulation (suspended floor)

Typical installation cost

£800 - £1,200

Typical yearly saving

£127

Potential rating after carrying out recommendations 1 and 2

54 | E

Recommendation 3: Hot water cylinder insulation

Add additional 80 mm jacket to hot water cylinder

Typical installation cost

£15 - £30

Typical yearly saving

£33

Potential rating after carrying out recommendations 1 to 3

56 | D

Recommendation 4: Low energy lighting

Low energy lighting

Typical installation cost

£60

Typical yearly saving

£70

Potential rating after carrying out recommendations 1 to 4

57 | D

Recommendation 5: Hot water cylinder thermostat

Hot water cylinder thermostat

Typical installation cost

£200 - £400

Typical yearly saving

£100

Potential rating after carrying out recommendations 1 to 5

60 | D

Recommendation 6: Heating controls (programmer and TRVs)

Heating controls (programmer and TRVs)

Typical installation cost

£350 - £450

Typical yearly saving

£52

Potential rating after carrying out recommendations 1 to 6

62 | D

Recommendation 7: Replace boiler with new condensing boiler

Condensing boiler

Typical installation cost

£2,200 - £3,000

Typical yearly saving

£245

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

£39

Potential rating after carrying out recommendations 1 to 8

71 | C

Recommendation 9: Solar photovoltaic panels, 2.5 kWp

Solar photovoltaic panels

Typical installation cost

£3,500 - £5,500

Typical yearly saving

£324

Potential rating after carrying out recommendations 1 to 9

80 | C

Paying for energy improvements

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

Estimated energy use and potential savings

Estimated yearly energy cost for this property

£1757

Potential saving

£858

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/).

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

17961.0 kWh per year

Water heating

4130.0 kWh per year

Potential energy savings by installing insulation

Type of insulation	Amount of energy saved
Loft insulation	442 kWh per year
Cavity wall insulation	2916 kWh per year

You might be able to receive Renewable Heat Incentive payments (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

Solay Elibol

Telephone

01189770690

Email

epc@nichecom.co.uk

Accreditation scheme contact details

Accreditation scheme

Elmhurst Energy Systems Ltd

Assessor ID

EES/024468

Telephone

01455 883 250

Email

enquiries@elmhurstenergy.co.uk

Assessment details

Assessor's declaration

No related party

Date of assessment

9 December 2020

Date of certificate

10 December 2020

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 mhclg.digital-services@communities.gov.uk, or call our helpdesk on 020 3829 0748.

There are no related certificates for this property.