

Energy performance certificate (EPC)

12 Mill Close HEMEL HEMPSTEAD HP3 8AD	Energy rating <div>D</div>	Valid until:	30 November 2031
		Certificate number:	9340-2265-2190-2629-5175

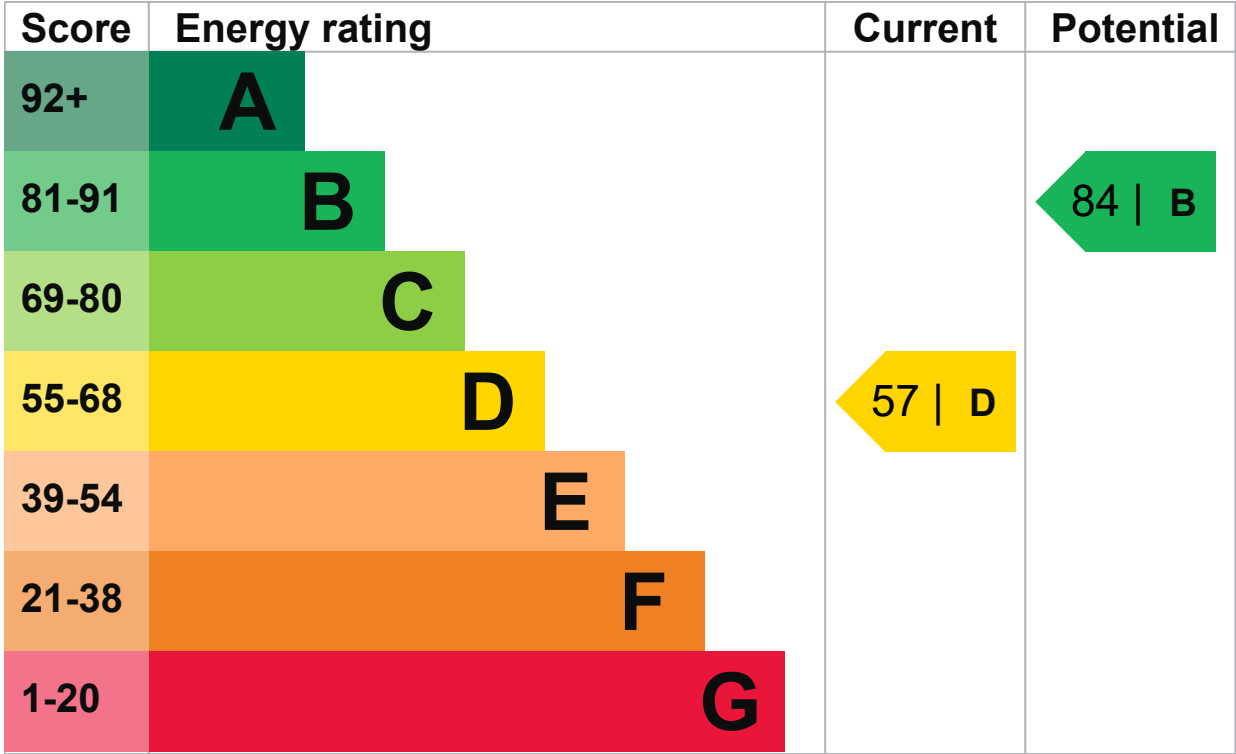
Property type
Mid-terrace house

Total floor area
83 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 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 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
Wall	Cavity wall, as built, partial insulation (assumed)	Average
Roof	Pitched, 150 mm loft insulation	Good
Window	Fully double glazed	Average

Feature	Description	Rating
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer and room thermostat	Average
Hot water	From main system	Average
Lighting	Low energy lighting in 71% of fixed outlets	Very good
Floor	Solid, no insulation (assumed)	N/A
Floor	To unheated space, no insulation (assumed)	N/A
Secondary heating	None	N/A

Primary energy use

The primary energy use for this property per year is 325 kilowatt hours per square metre (kWh/m²).

► [What is primary energy use?](#)

Additional information

Additional information about this property:

- Cavity fill is recommended

Environmental impact of this property

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

Properties are rated in a scale from A to G based on how much carbon dioxide (CO₂) they produce.

Properties with an A rating produce less CO₂ than G rated properties.

An average household produces

6 tonnes of CO₂

This property produces

4.8 tonnes of CO₂

This property's potential production

1.6 tonnes of CO₂

By making the [recommended changes](#), you could reduce this property's CO₂ emissions by 3.2 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 D (57) to B (84).

► [What is an energy rating?](#)



Recommendation 1: Cavity wall insulation

Cavity wall insulation

Typical installation cost

£500 - £1,500

Typical yearly saving

£74

Potential rating after carrying out recommendation 1

60 | D

Recommendation 2: Floor insulation (suspended floor)

Floor insulation (suspended floor)

Typical installation cost

£800 - £1,200

Typical yearly saving

£52

Potential rating after carrying out recommendations 1 and 2

62 | D

Recommendation 3: Floor insulation (solid floor)

Floor insulation (solid floor)

Typical installation cost

£4,000 - £6,000

Typical yearly saving

£23

Potential rating after carrying out recommendations 1 to 363 | D

Recommendation 4: Low energy lighting

Low energy lighting

Typical installation cost£20

Typical yearly saving£17

Potential rating after carrying out recommendations 1 to 464 | D

Recommendation 5: Heating controls (thermostatic radiator valves)

Heating controls (TRVs)

Typical installation cost£350 - £450

Typical yearly saving£30

Potential rating after carrying out recommendations 1 to 565 | D

Recommendation 6: Replace boiler with new condensing boiler

Condensing boiler

Typical installation cost£2,200 - £3,000

Typical yearly saving

£152

Potential rating after carrying out recommendations 1 to 6

72 | C

Recommendation 7: Solar water heating

Solar water heating

Typical installation cost

£4,000 - £6,000

Typical yearly saving

£36

Potential rating after carrying out recommendations 1 to 7

73 | C

Recommendation 8: Solar photovoltaic panels, 2.5 kWp

Solar photovoltaic panels

Typical installation cost

£3,500 - £5,500

Typical yearly saving

£351

Potential rating after carrying out recommendations 1 to 8

84 | 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

£986

Potential saving

£385

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

11210 kWh per year

Water heating

2830 kWh per year

Potential energy savings by installing insulation

Type of insulation	Amount of energy saved
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Loft insulation	349 kWh per year
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Cavity wall insulation	1396 kWh per year
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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

Muhammad Abbasi

Telephone01442939006

Emailinfo@smartpropertyservice.co.uk

Accreditation scheme contact details**Accreditation scheme**Elmhurst Energy Systems Ltd

Assessor IDEES/024362

Telephone01455 883 250

Emailenquiries@elmhurstenergy.co.uk

Assessment details**Assessor's declaration**No related party

Date of assessment25 November 2021

Date of certificate1 December 2021

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.

Certificate number

[9657-2879-6291-0491-5855 \(/energy-certificate/9657-2879-6291-0491-5855\)](#)

Expired on

10 November 2019

Certificate number

[0657-2875-6221-0401-8835 \(/energy-certificate/0657-2875-6221-0401-8835\)](#)

Expired on

4 February 2019
