

Energy performance certificate (EPC)

77, Cartington Terrace
NEWCASTLE UPON TYNE
NE6 5SH

Energy rating

E

Valid until 22 May 2020

Certificate number

2098-3074-6295-7760-2994

Property type

Mid-terrace house

Total floor area

93 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 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 C.

[See how to improve this property's energy performance.](#)

Score	Energy rating	Current	Potential
92+	A		
81-91	B		
69-80	C		70 C
55-68	D		
39-54	E	53 E	
21-38	F		
1-20	G		

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 rating the lower your fuel bills 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
Roof	Pitched, no insulation (assumed)	Very poor
Window	Fully double glazed	Good
Main heating	Boiler and radiators, mains gas	Average
Main heating control	Programmer, no room thermostat	Very poor
Hot water	From main system, no cylinder thermostat	Poor
Lighting	Low energy lighting in all fixed outlets	Very good
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 375 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 homes produces over a quarter of the UK's CO₂ emissions.

For an average household	6 tonnes of CO ₂
This property produces	5.8 tonnes of CO ₂
This property's potential reduction	3.7 tonnes of CO ₂

By making the [recommended changes](#), you could reduce this property's CO₂ emissions by 2.1 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 (53) to C (70).

[What is an energy rating?](#)



Recommendation 1: Hot water cylinder thermostat

Hot water cylinder thermostat

Typical installation cost

Information unavailable

Typical yearly saving

£23

Potential rating after carrying out recommendation 1

54 | E

Recommendation 2: Heating controls (room thermostat and TRVs)

Heating controls (room thermostat and TRVs)

Typical installation cost

Information unavailable

Typical yearly saving

£145

Potential rating after carrying out recommendations 1 and 2

61 | D

Recommendation 3: Replace boiler with new condensing boiler

Condensing boiler

Typical installation cost

Information unavailable

Typical yearly saving

£178

Potential rating after carrying out recommendations 1 to 3

70 | C

Recommendation 4: Solar water heating

Solar water heating

Typical installation cost

Information unavailable

Typical yearly saving

£25

Potential rating after carrying out recommendations 1 to 4

71 | C

Recommendation 5: Internal or external wall insulation

Internal or external wall insulation

Typical installation cost

Information unavailable

Typical yearly saving

£124

Potential rating after carrying out recommendations 1 to 5

77 | C

Recommendation 6: Solar photovoltaic panels, 2.5 kWp

Solar photovoltaic panels

Typical installation cost

Information unavailable

Typical yearly saving

£172

Potential rating after carrying out recommendations 1 to 6

87 | B

aying for energy improvements

[id 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

£1064

Potential saving

£345

The estimated cost shows how much the average household would spend in this property for heating, lighting and hot water. It is 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.

Potential energy savings by installing insulation

The assessor did not find any opportunities to save energy by installing insulation in this property.

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

Russell Knighton

Telephone 08700 850490

mail enquiries@elmhurstenergy.co.uk

Accreditation scheme contact details

Accreditation scheme Elmhurst Energy Systems Ltd

Assessor ID EES/002252

Telephone 01455 883 250

mail enquiries@elmhurstenergy.co.uk

Assessment details

Assessor's declaration No related party

Date of assessment 21 May 2010

Date of certificate 23 May 2010

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 [9379-2860-6729-9298-5481 \(/energy-certificate/9379-2860-6729-9298-5481\)](#)

Valid until 11 December 2028
