# Energy performance certificate (EPC)



Mid-terrace house

#### Total floor area

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

#### 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.

Score	Energy rating	Current	Potential
92+	Α		
81-91	B		891 B
69-80	С		
55-68	D		
39-54	E	421 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 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	Solid brick, as built, no insulation (assumed)	Very poor
Roof	Pitched, 150 mm loft insulation	Good
Roof	Pitched, no insulation (assumed)	Very poor

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Feature	Description	Rating
Window	Single glazed	Very poor
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer, no room thermostat	Very poor
Hot water	Electric immersion, standard tariff	Very poor
Lighting	Low energy lighting in 33% of fixed outlets	Average
Floor	Suspended, no insulation (assumed)	N/A
Floor	Solid, 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 403 kilowatt hours per square metre (kWh/m2).

#### What is primary energy use?

#### 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

4.7 tonnes of CO2

#### This property's potential production

0.7 tonnes of CO2

By making the <u>recommended changes</u>, you could reduce this property's CO2 emissions by 4.0 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.

#### Improve this property's energy performance

By following our step by step recommendations you could reduce this property's energy use and potentially save money.

Carrying out these changes in order will improve the property's energy rating and score from E (42) to B (89).

Do I need to follow these steps in order?

# Step 1: Internal or external wall insulation

Internal or external wall insulation

#### **Typical installation cost**

Typical yearly saving

Potential rating after completing step 1

# **Step 2: Floor insulation**

Floor insulation

**Typical installation cost** 

#### Typical yearly saving

Potential rating after completing steps 1 and 2

# Step 3: Hot water cylinder insulation

Add additional 80 mm jacket to hot water cylinder

#### **Typical installation cost**

£15 - £30

duce this property's energy use 's energy rating and score from E	Potential energy rating
l insulation	В
	£4,000 - £14,000
	£130

48 I E

50 I E



£42

Typical yearly saving

	£27
Potential rating after completing steps 1 to 3	
	52 I E
Step 4: Draught proofing	
Draught proofing	
Typical installation cost	£80 - £120
Typical yearly saving	£34
Potential rating after completing steps 1 to 4	
	53 I E
Step 5: Low energy lighting	
Low energy lighting	
Typical installation cost	£20
Typical yearly saving	£21
Potential rating after completing steps 1 to 5	~~ I
	54 I E
Step 6: Heating controls (room thermostat and TRVs) Heating controls (room thermostat and TRVs)	

# Typical installation cost

£350 - £450

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	£99
Potential rating after completing steps 1 to 6	
	59 I D
Step 7: Replace boiler with new condensing b	oiler
Condensing boiler	
Typical installation cost	
	£2,200 - £3,000
Typical yearly saving	
	£232
Potential rating after completing steps 1 to 7	
	71 I C
Step 8: Solar water heating	
Solar water heating	
Typical installation cost	
	£4,000 - £6,000
Typical yearly saving	
	£37
Potential rating after completing steps 1 to 8	
	72 I C
Step 9: Double glazed windows	
Replace single glazed windows with low-E double glazed windows	
Typical installation cost	
	£3,300 - £6,500

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	£09
Potential rating after completing steps 1 to 9	
	76 I C
Step 10: Solar photovoltaic panels, 2.5 kWp	
Solar photovoltaic panels	
Typical installation cost	
	£9,000 - £14,000
Typical yearly saving	
	£248
Potential rating after completing steps 1 to 10	
	88 I B
Step 11: Wind turbine	
Wind turbine	
Typical installation cost	
	£1,500 - £4,000
Typical yearly saving	
	£21
Potential rating after completing steps 1 to 11	
	89 I B

# 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

#### **Potential saving**

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 potential saving shows how much money you could save if you complete each recommended step in order.

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

Type of heating	Estimated energy used	
Space heating	9998 kWh per year	
Water heating	1957 kWh per year	
Potential energy savings by installing insulation		
Type of insulation	Amount of energy saved	
Loft insulation	661 kWh per year	
Solid wall insulation	1989 kWh per year	

#### 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

**Charlotte Barlow** 

#### Telephone

01455 212421

#### Email

cmbenergyassessing@talktalk.net

# Accreditation scheme contact details

#### **Accreditation scheme**

Elmhurst Energy Systems Ltd

### Assessor ID

EES/002838

#### Telephone

01455 883 250

#### Email

enquiries@elmhurstenergy.co.uk

# **Assessment details**

#### Assessor's declaration

No related party

#### Date of assessment

16 September 2014

#### Date of certificate

16 September 2014

#### 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 <u>dluhc.digital-services@levellingup.gov.uk</u> or call our helpdesk on 020 3829 0748.

There are no related certificates for this property.