# **Energy performance certificate (EPC)**



Property type Detached house

Total floor area 87 square metres

### Rules on letting this property

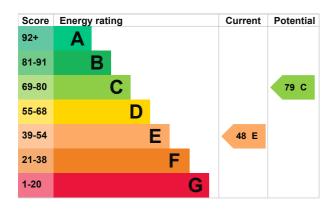
Properties can be let if they have an energy rating from A to E.

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

### **Energy rating and score**

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

<u>See how to improve this property's energy efficiency.</u>



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                 | Cavity wall, as built, no insulation (assumed) | Poor      |
| Roof                 | Pitched, 100 mm loft insulation                | Average   |
| Window               | Fully double glazed                            | Average   |
| Main heating         | Boiler and radiators, mains gas                | Good      |
| Main heating control | Programmer, no room thermostat                 | Very poor |
| Hot water            | From main system                               | Good      |
| Lighting             | Low energy lighting in 6% of fixed outlets     | Very poor |
| Floor                | Suspended, no insulation (assumed)             | N/A       |
| Secondary heating    | Room heaters, dual fuel (mineral and wood)     | N/A       |

#### Primary energy use

The primary energy use for this property per year is 324 kilowatt hours per square metre (kWh/m2).

#### **Additional information**

Additional information about this property:

- · Cavity fill is recommended
- Dwelling may be exposed to wind-driven rain

### How this affects your energy bills

An average household would need to spend £1,213 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 £504 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2014** 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:

- 16,169 kWh per year for heating
- · 2,168 kWh per year for hot water

### Impact on the environment

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

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

#### Carbon emissions

An average household produces

6 tonnes of CO2

This property produces 5.4 tonnes of CO2

This property's 1.9 tonnes of CO2
potential production

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

| Step   | Typical installation cost | Typical yearly saving |
|--|---------------------------|-----------------------|
| 1. Cavity wall insulation                      | £500 - £1,500             | £268                  |
| 2. Floor insulation                            | £800 - £1,200             | £66                   |
| 3. Low energy lighting                         | £75                       | £40                   |
| 4. Heating controls (room thermostat and TRVs) | £350 - £450               | £102                  |
| 5. Solar water heating                         | £4,000 - £6,000           | £29                   |

| Step | Typical installation cost | Typical yearly saving |
|------|---------------------------|-----------------------|
|      |                           |                       |

£9,000 - £14,000

£258

### 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

6. Solar photovoltaic panels

Find ways to save energy in your home by visiting <a href="www.gov.uk/improve-energy-efficiency">www.gov.uk/improve-energy-efficiency</a>.

#### 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 | Stephen Lamb               |
|-----------------|----------------------------|
| Telephone       | 01934 627772               |
| Email           | stevelamb11@btinternet.com |

#### Contacting the accreditation scheme

If you're still unhappy after contacting the assessor, you should contact the assessor's accreditation scheme.

| Accreditation scheme                         | Northgate                      |
|--|--------------------------------|
| Assessor's ID                                | NGIS707008                     |
| Telephone                                    | 01455 883 250                  |
| Email  | enquiries@elmhurstenergy.co.uk |
| About this assessment Assessor's declaration | No related party               |
| Date of assessment                           | 10 May 2014                    |
| Date of certificate                          | 10 May 2014                    |
| Type of assessment                           | RdSAP                          |