Energy performance certificate (EPC)			
15 Powdermill Lane WALTHAM ABBEY EN9 1JP	Energy rating	Valid until: 30 December 2032 Certificate number: 7293-3922-6202-5752-9200	
Property type		End-terrace house	
Total floor area		107 square metres	

Rules on letting this property

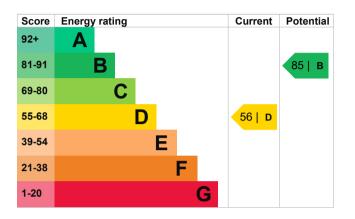
Properties can be let if they have an energy rating from A to E.

You can read <u>guidance for landlords on the regulations and exemptions</u> (<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 D. It has the potential to be B.

<u>See how to improve this property's energy</u> 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	Solid brick, as built, no insulation (assumed)	Poor
Roof	Pitched, no insulation (assumed)	Very poor
Window	Some double glazing	Poor
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer, room thermostat and TRVs	Good
Hot water	From main system	Good
Lighting	Low energy lighting in all fixed outlets	Very good
Floor	Suspended, no insulation (assumed)	N/A
Secondary heating	None	N/A

Primary energy use

The primary energy use for this property per year is 296 kilowatt hours per square metre (kWh/m2).

Environmental impact property	of this	This property produces	5.6 tonnes of CO2
This property's current environmental impact rating is E. It has the potential to be B.		This property's potential production	1.6 tonnes of CO2
Properties are rated in a scale from A to G based on how much carbon dioxide (CO2) they produce.		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	
Properties with an A rating produce less CO2 than G rated properties.		environment.	
An average household produces	6 tonnes of CO2	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 D (56) to B (85).

Step	Typical installation cost	Typical yearly saving
1. Flat roof or sloping ceiling insulation	£850 - £1,500	£197
2. Internal or external wall insulation	£4,000 - £14,000	£191
3. Floor insulation (suspended floor)	£800 - £1,200	£47
4. Solar water heating	£4,000 - £6,000	£29
5. Replace single glazed windows with low-E double glazed windows	£3,300 - £6,500	£56
6. Solar photovoltaic panels	£3,500 - £5,500	£373

Paying for energy improvements

You might be able to get a grant from the <u>Boiler Upgrade Scheme (https://www.gov.uk/guidance/check-if-you-may-be-eligible-for-the-boiler-upgrade-scheme-from-april-2022)</u>. This will help you buy a more efficient, low carbon heating system for this property.

Estimated energy use and potential savings

Based on average energy costs when this EPC was created:

Estimated yearly energy cost for this property	£1131
Potential saving if you complete every step in order	£519

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.

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	19799 kWh per year	
Water heating	2261 kWh per year	
Potential energy savings by installing insulation		
Type of insulation	Amount of energy saved	
Solid wall insulation	4274 kWh per year	
Saving energy in this property		

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

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	
Telephone	
Email	

Muhammad Ayub Naveed 07464111927 haseeb.ayub2001@hotmail.com

Accreditation scheme contact details

Accreditation scheme Assessor ID Telephone Email

Assessment details

Assessor's declaration Date of assessment Date of certificate Type of assessment Elmhurst Energy Systems Ltd EES/026388 01455 883 250 enquiries@elmhurstenergy.co.uk

No related party 31 December 2022 31 December 2022 RdSAP