

# Energy performance certificate (EPC)

1 Homefield Road WALTON-ON-THAMES KT12 3RD	Energy rating <b>G</b>	Valid until: 22 October 2033
		Certificate number: 9310-2417-0300-2527-4135

Property type	Detached bungalow
Total floor area	51 square metres

## Rules on letting this property

### ! You may not be able to let this property

This property has an energy rating of 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).

Properties can be let if they have an energy rating from A to E. The [recommendations section](#) sets out changes you can make to improve the property's rating.

## Energy rating and score

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

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

Score	Energy rating	Current	Potential
92+	A		
81-91	B		
69-80	C		73 C
55-68	D		
39-54	E		
21-38	F		
1-20	G	1 G	

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	Solid brick, as built, no insulation (assumed)	Very poor
Roof	Pitched, no insulation (assumed)	Very poor
Window	Single glazed	Very poor
Main heating	Room heaters, electric	Very poor
Main heating control	Appliance thermostats	Good
Hot water	Electric immersion, standard tariff	Very poor
Lighting	Low energy lighting in all fixed outlets	Very good
Floor	Solid, no insulation (assumed)	N/A
Secondary heating	None	N/A

## Primary energy use

The primary energy use for this property per year is 952 kilowatt hours per square metre (kWh/m<sup>2</sup>).

► [About primary energy use](#)

### How this affects your energy bills

An average household would need to spend **£5,768 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 £4,323 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2023** 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:

- 10,701 kWh per year for heating
- 4,773 kWh per year for hot water

### Impact on the environment

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

Properties get a rating from A (best) to G (worst) on how much carbon dioxide (CO<sub>2</sub>) they produce each year. CO<sub>2</sub> harms the environment.

## Carbon emissions

<b>An average household produces</b>	6 tonnes of CO <sub>2</sub>
<b>This property produces</b>	8.2 tonnes of CO <sub>2</sub>
<b>This property's potential production</b>	3.5 tonnes of CO <sub>2</sub>

You could improve this property's CO<sub>2</sub> 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

▶ [Do I need to follow these steps in order?](#)

## Step 1: Internal or external wall insulation

Typical installation cost £4,000 - £14,000

Typical yearly saving £984

Potential rating after completing step 1 **6 G**

## Step 2: Floor insulation (solid floor)

Typical installation cost £4,000 - £6,000

Typical yearly saving £336

Potential rating after completing steps 1 and 2 **10 G**

## Step 3: Hot water cylinder insulation

Insulate hot water cylinder with 80 mm jacket

Typical installation cost £15 - £30

Typical yearly saving £831

Potential rating after completing steps 1 to 3 **20 G**

## Step 4: High heat retention storage heaters

Typical installation cost £1,200 - £1,800

Typical yearly saving £1,960

Potential rating after completing steps 1 to 4 **52 E**

## Step 5: Solar water heating

Typical installation cost £4,000 - £6,000

Typical yearly saving £66

Potential rating after completing steps 1 to 5 **54 E**

## Step 6: Double glazed windows

Replace single glazed windows with low-E double glazed windows

Typical installation cost £3,300 - £6,500

Typical yearly saving £147

Potential rating after completing steps 1 to 6 **58 D**

## Step 7: Solar photovoltaic panels, 2.5 kWp

Typical installation cost	£3,500 - £5,500
Typical yearly saving	£755
Potential rating after completing steps 1 to 7	<b>73 C</b>

### Help paying for energy improvements

You might be able to get a grant from the [Boiler Upgrade Scheme \(https://www.gov.uk/apply-boiler-upgrade-scheme\)](https://www.gov.uk/apply-boiler-upgrade-scheme). This will help you buy a more efficient, low carbon heating system for this property.

### More ways to save energy

[Find ways to save energy in your home.](#)

#### 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	Jon Cates
Telephone	07786 364 588
Email	<a href="mailto:joncates26@gmail.com">joncates26@gmail.com</a>

### Contacting the accreditation scheme

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

Accreditation scheme	Elmhurst Energy Systems Ltd
Assessor's ID	EES/025861
Telephone	01455 883 250
Email	<a href="mailto:enquiries@elmhurstenergy.co.uk">enquiries@elmhurstenergy.co.uk</a>

### About this assessment

Assessor's declaration	No related party
Date of assessment	23 October 2023
Date of certificate	23 October 2023
Type of assessment	▶ <a href="#">RdSAP</a>

#### 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 [dluhc.digital-services@levellingup.gov.uk](mailto:dluhc.digital-services@levellingup.gov.uk) or call our helpdesk on 020 3829 0748 (Monday to Friday, 9am to 5pm).

There are no related certificates for this property.

[Help \(/help\)](#) [Accessibility \(/accessibility-statement\)](#) [Cookies \(/cookies\)](#)

[Give feedback \(https://forms.office.com/e/hUnC3Xq1T4\)](https://forms.office.com/e/hUnC3Xq1T4) [Service performance \(/service-performance\)](#)

## **OGI**

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