Energy performance certificate (EPC)

522, Liverpool Road Rufford ORMSKIRK L40 1SQ	Energy rating **F**	Valid until:	**5 November 2027**
		Certificate number:	**8183-7520-4489-1777-1922**

Property type	Semi-detached house
Total floor area	117 square metres

Rules on letting this property

You may not be able to let this property

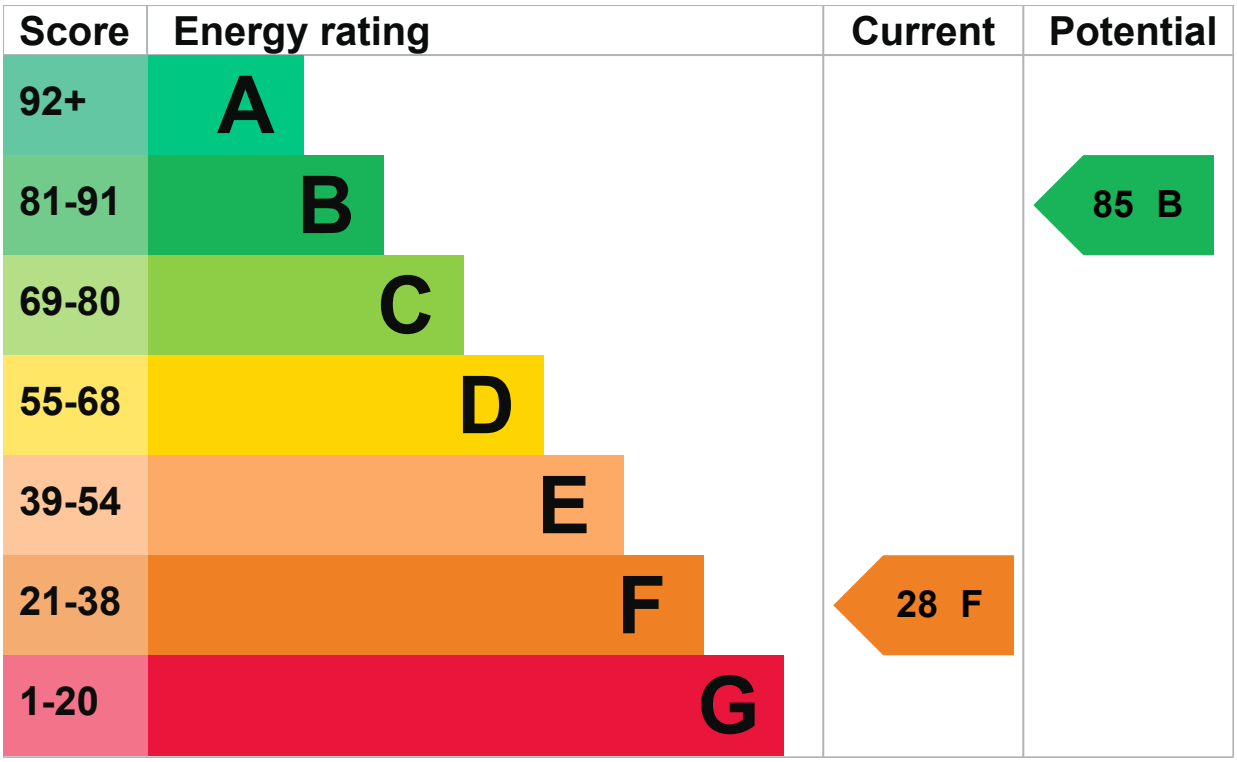
This property has an energy rating of F. It cannot be let, unless an exemption has been registered. You can read guidance for landlords on the regulations and exemptions (https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance).

Properties can be let if they have an energy rating from A to E. You could make changes to improve this property's energy rating.

Energy rating and score

This property's energy rating is F. It has the potential to be B.

See how to improve this property's energy efficiency.



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, no insulation	Very poor
Roof	Roof room(s), no insulation (assumed)	Very poor
Window	Fully double glazed	Average

Feature	Description	Rating
Main heating	Boiler and radiators, oil	Average
Main heating control	Programmer, TRVs and bypass	Average
Hot water	From main system, no cylinder thermostat	Very poor
Lighting	Low energy lighting in 6% of fixed outlets	Very poor
Floor	Solid, 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 363 kilowatt hours per square metre (kWh/m2).

▶ About primary energy use

Additional information

Additional information about this property:

- Cavity fill is recommended

How this affects your energy bills

An average household would need to spend **£1,589 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 £750 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2017** 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:

- 22,254 kWh per year for heating
- 3,637 kWh per year for hot water

Impact on the environment

This property's environmental impact rating is F. 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	11.0 tonnes of CO2
This property's potential production	2.9 tonnes of CO2

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.

Steps you could take to save energy

▶ Do I need to follow these steps in order?

Step 1: Flat roof or sloping ceiling insulation

Typical installation cost	£850 - £1,500
Typical yearly saving	£205
Potential rating after completing step 1	**35 F**

Step 2: Cavity wall insulation

Typical installation cost	£500 - £1,500
Typical yearly saving	£207
Potential rating after completing steps 1 and 2	**44 E**

Step 3: Floor insulation (solid floor)

Typical installation cost	£4,000 - £6,000
Typical yearly saving	£45
Potential rating after completing steps 1 to 3	**46 E**

Step 4: Hot water cylinder insulation

Add additional 80 mm jacket to hot water cylinder

Typical installation cost	£15 - £30
Typical yearly saving	£11

Potential rating after completing steps 1 to 4	**46 E**

Step 5: Low energy lighting

Typical installation cost	£75
Typical yearly saving	£56
Potential rating after completing steps 1 to 5	**48 E**

Step 6: Replace boiler with new condensing boiler

Typical installation cost	£2,200 - £3,000
Typical yearly saving	£187
Potential rating after completing steps 1 to 6	**58 D**

Step 7: Solar water heating

Typical installation cost	£4,000 - £6,000
Typical yearly saving	£39
Potential rating after completing steps 1 to 7	**60 D**

Step 8: Solar photovoltaic panels, 2.5 kWp

Typical installation cost	£5,000 - £8,000
Typical yearly saving	£275
Potential rating after completing steps 1 to 8	**68 D**

Step 9: Wind turbine

Typical installation cost	£15,000 - £25,000
Typical yearly saving	£561
Potential rating after completing steps 1 to 9	85 B

Advice on making energy saving improvements

Get detailed recommendations and cost estimates

Help paying for energy saving improvements

You may be eligible for help with the cost of improvements:

- Free energy saving improvements: Warm Homes Local Grant (WHLG)
- Heat pumps and biomass boilers: Boiler Upgrade Scheme
- Help from your energy supplier: Energy Company Obligation

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	Daniel Wood
Telephone	01514243124
Email	danwood88@icloud.com

Contacting the accreditation scheme

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

Accreditation scheme	Stroma Certification Ltd
Assessor's ID	STRO010684

Telephone	0330 124 9660
Email	certification@stroma.com

About this assessment

Assessor's declaration	No related party
Date of assessment	23 October 2017
Date of certificate	6 November 2017
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 (Monday to Friday, 9am to 5pm).

Certificate number	8583-7529-4480-1750-1972 (/energy-certificate/8583-7529-4480-1750-1972)
Valid until	30 January 2027
Certificate number	2688-8041-7281-4476-5910 (/energy-certificate/2688-8041-7281-4476-5910)
Valid until	29 November 2026

Service performance (/service-performance)