



This document provides some details as to how to make energy efficiency savings with your current fridge or fridge freezer, or if you intend to buy a replacement fridge or freezer.

By considering the type and energy efficiency rating of the fridge or fridge freezer you can save a considerable amount of energy over the lifetime of the appliance.

Remember! Fridges & Freezers use energy 365 days of the year ...they are never switched off!

Fridges and Freezers

- Fridges (if they can be manually set) should be set to run at between 0 degrees C and 4 degrees C;
- Freezers (if they can be manually set) should be set between -18 degrees C and -5 degrees C.

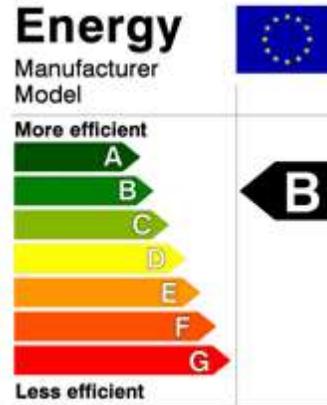
These temperatures can be monitored by using a fridge / freezer thermometer.

- Ensure that there is adequate ventilation space behind and above your fridge or freezer.
- Remove any dust build up from the cooling radiant at the rear of the fridge as per the manufacturer's recommendations (or at least once per year)
- Test the door seal on your fridge or freezer by closing the door on a piece of paper. The paper should be gripped tightly by the door and should not slide out. Should they be required, replacement door seals can be purchased from the manufacturers service centre.
- It seems obvious... but ALWAYS remember to shut the door(s)

Buying a New Fridge/Freezer

The Energy Efficiency Recommended Logo helps you to identify and buy energy efficient products (see below).

The logo makes the most efficient products instantly recognisable and complements the EU Energy label on white goods and lightbulbs, making it even easier for you to buy energy efficient products.



Only products that meet or exceed the energy efficiency criteria set by the Energy Saving Trust and backed by the government can use the Energy Efficiency Recommended logo.

If you are about to purchase a new fridge or freezer look for the European Energy Label. This label has been designed to show the comparative efficiency of appliances to similar models i.e. annual cost based at X p per kWh

“A+++” rated appliances are the most energy efficient.

“G” rated appliances are the least efficient, and therefore use more energy to run.

The electricity consumption of the appliance is also shown in units (kWh) under standard test conditions. The label also contains information on the capacity of the fridge/freezer.

The European Energy Label must be shown on the appliance by law. It will be found on all fridges, freezers and fridge freezers. If you cannot see the label on the appliance, ask the retailer where it is.

Savings

The cost of the fridge/freezer varies according to the brand and the individual product features.

If you upgrade your fridge/freezer to an “A rated” energy efficient appliance, you could save the following on your energy bill:

Appliance	Energy Rating	Average Savings Per Year	Energy Rating	Average Savings Per Year
Fridge Freezer	A	£90	B	£80
Fridge	A	£50	B	£40
Upright/ Chest Freezer	A	£70	B	£60

These figures are based on replacing an average (“G” rated) model currently in use, with a similar size “A “ rated model, and at an electricity cost of 14p/kWh

It could be worth buying an energy efficient model even if it costs a bit more. As the running costs are lower, the overall cost would be less over its lifetime.

Remember!

- Before a holiday leave your fridge/freezer running at normal temperature - don't switch off at the mains.
- Try to plan ahead when moving by running down your food supplies.
- Do not overfill chest freezers above the load line.
- Defrost and clean your freezer regularly.

Further advice and information

Should you have any questions regarding energy efficiency or wish further information, please contact

<p>East Renfrewshire Council Energy Efficiency & Carbon Reduction Unit 0141 577 8529</p>	<p>Home Energy Scotland 0808 828 2282</p>
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Please Note: Whist care was taken to ensure that the advice contained in this document is accurate; it cannot replace expert advice. It is intended as a guide only and the Council cannot accept any responsibility for any damage or loss incurred by an individual relying on the accuracy of the information.