

Family Mosaic

A guide to energy saving in your home



we can

**family
mosaic**

Did you know?

- The energy used in our homes is responsible for one third of all UK emissions of carbon dioxide; the main greenhouse gas causing climate change.
- Using energy more efficiently and cutting out wastage will reduce carbon emissions as well as your fuel bills.
- The amount of heat lost in UK homes annually through loft spaces and walls is enough to heat five million homes for a year.

Energy efficiency advice:



Visit: energysavingstrust.org.uk or phone 0800 512 012

Energy efficiency improvement works:



Email: energyefficiency@familymosaic.co.uk

Energy efficiency improvement works:



Phone: 0207 089 1234



Small changes equal big energy savings

The biggest long-term savings come from changing your energy habits around the home.

There are many ways to save energy

Switching off electrical appliances

- Switch off appliances such as microwaves, TVs, videos, stereos, and computers, as they use energy when they are left on standby. Up to a staggering 85% of the energy used by the DVD player is consumed when it is not actually in use.
- Unplug equipment e.g. mobile phones, shavers and electric toothbrushes once they are fully charged, otherwise they will keep using electricity.

Heating Tips

- Time your heating to go off 30 minutes before you leave the house, and come on again 30 minutes before you are due to return.
- Turn the room thermostat down by one degree celsius. This can save around £40 a year.
- Make sure curtains or furniture are not in front of a radiator.
- Close the curtains at sunset to keep heat in rooms.
- If you have trickle vents on your windows, make sure you keep them open to control condensation and damp.

Washing machines and dishwashers

- Only wash full loads or use a half load or economy programme. Always use a low temperature programme (such as 30 degree celsius) as modern washing powders/liquids will be just as effective.
- Modern dishwashers use less water than washing up by hand.

Refrigeration

- Don't leave your fridge door open for long periods of time. Avoid putting hot or warm food straight into the fridge; allow it to cool first.
- A full freezer is better than a half full one as less energy is wasted, by freezing the food rather than the air around it.

Benefits of saving energy at home

Following huge increases in energy prices, most of us are motivated by the need to reduce our energy bills and save money. Thankfully, it's not difficult

or expensive to achieve and, in fact, you may not need to spend any money to see a real reduction in your gas and electricity bills.



in the home that don't cost a penny

Cooking

- Match the size of the ring to the size of the saucepan or you will be paying to heat the air. Gas flames should only heat the bottom of the pan (not the sides).
- Use a lid on saucepans, so the contents heat more quickly and you use less energy.
- Pressure cookers, steamers and microwaves can all save energy.

Tumble dryers

- In summer, dry your clothes outside when possible.
- If you are drying your clothes indoors, don't put them over a radiator. This stops the heat from reaching the rest of the room and can cause condensation and mould growth. Try putting up a clothes rail in an unheated room, opening the window slightly to allow the damp air to escape and shutting the door to stop heat being drawn into that room.

Hot water

- Only boil as much water in the kettle as you need.
- In hard water areas, you need to deal with limescale to keep your kettle working efficiently for longer. At least twice a year, soak the element overnight in vinegar.
- An ordinary shower uses just two fifths of the water used for a bath. In contrast, power showers use as much water as a bath and sometimes more.

Insulate your hot water tank

Insulating your hot water tank will reduce heat loss by up to 70%. It costs you money to heat your water, so to minimise the heat lost from the tank fit a water tank jacket that's at least 75mm thick. It can save £15 - £20 per year. Jackets are available from most DIY stores.

If we work together to save energy

Insulate your home

Insulating your loft is one of the most cost effective ways to reduce your heating bills. You could knock up to £200 off your annual heating bill by laying down loft insulation to the recommended thickness of 270mm. In cases where cavity wall insulation can be installed this can save a further £155 a year.

If you have an accessible loft, particularly if it doesn't seem to have much insulation (less than 100mm) then please contact us at energyefficiency@familymosaic.co.uk. You can also contact our Energy Efficiency Enquires team on 0207 089 1234 to discuss your needs.

Stop draughts

A typical home loses 20% of its heat and feels colder than it really is because of draughty doors, windows, chimneys, loft hatches and skirting boards.

To reduce the draughts in your home, you can purchase draft proofing rolls and other materials from DIY shops for around £1 per window/door.

Remember that by cutting out draughts, you could increase condensation. Controlled ventilation might need to be provided - such as trickle vents or mechanical extract fans.

Please never turn off your extractor fans - they are cheap to run and need to operate to take the excess moisture out of your bathrooms and kitchens.

Also remember to briefly open windows in bathrooms and kitchens and be careful when drying clothes otherwise you will soon find damp patches. Remember to close windows after the moisture has left the area.

Further Information

Turn to the Family Mosaic website – www.familymosaic.co.uk - and click through to the 'Green Zone' area. This area contains further detail on the process for draught proofing and home insulation, as well as further details on savings that can be made around your home.

Spending just a few pounds can save you hundreds on your fuel bills in the future.



we can help slow climate change

Change your light bulbs

Lighting accounts for 15% of our electric bills. Normal light bulbs are disappearing from UK shops – they are being replaced by energy saving light bulbs. You will notice a gradual phase out of normal light bulbs over the next few years and some major supermarkets have already stopped selling them.

Normal light bulbs cost less than energy efficient bulbs, but they don't really save you money. An energy saving light bulb can cost only around £1 - 3.50.

It will save you around £9 on your annual electric bill and up to £100 over its lifetime!

Family Mosaic work in cooperation with utility providers and currently you can obtain four free energy saving light bulbs by contacting EAGA on 0845 491 8655, and quoting Reference: RF-insert.

How else can Family Mosaic help you save energy?

We can arrange for an energy saving survey to be carried out on your home.

We will look for possible improvements - such as loft insulation, cavity wall insulation, hot water cylinder jackets and professional draught proofing - being carried out where required. This work is jointly funded by the major energy companies and Family Mosaic.

If you've recognised a need for energy saving improvement works, please fill out and post the attached questionnaire or email your responses to energyefficiency@familymosaic.co.uk. Alternatively, contact us on 0207 089 1234.

Energy questionnaire

To complete and return to Family Mosaic

Title Mr Mrs Miss Ms Other

First name Last name

Address

Postcode Mobile

Home phone Email

Details about your house:

House Detached Semi-detached Terrace Bungalow

Flat/apartment Ground Floor Top floor Middle floors

Heating type Electric Gas

Number of bedrooms

Does your home have an accessible loft?

Yes No

If it can be safely checked, how deep is the existing loft insulation?

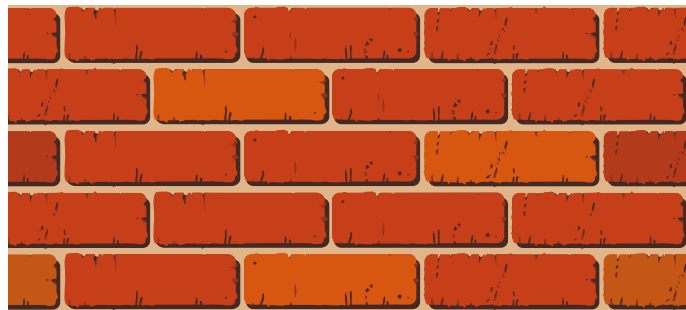
The insulation should be around 1ft deep

Does your home have cavity walls?

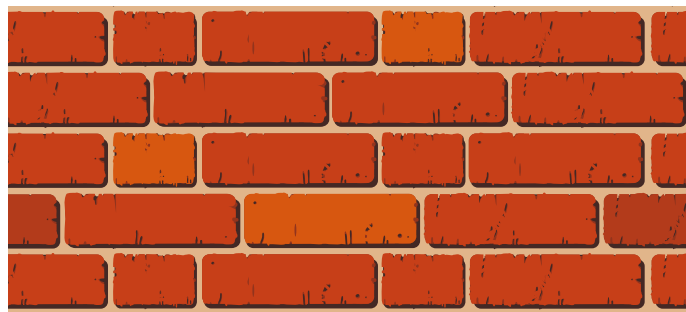
Yes No Unsure/can't tell

Most houses built from 1920 onwards have cavity walls. The easiest way to tell is from the pattern of the bricks on the outside of your house. Please note: houses built in the last ten years or so are likely to have cavity walls that are already insulated.

If your home has cavity walls, the bricks will normally have a regular pattern like this



If your home has solid walls, the bricks will have an alternating pattern like this



If the brickwork has been covered, you can also tell a cavity wall by measuring its width. Go to a window or door on one of your external walls, and take a measurement there. If the wall is more than 260mm deep then it probably has a cavity; a much narrower wall suggests that it's a solid wall and is therefore very difficult to insulate

Does your home have draughty windows, doors and skirting boards? If so how many of each?

How many hinge windows?	<input type="text"/>
How many sash windows?	<input type="text"/>
How many external doors?	<input type="text"/>
Others?	<input type="text"/>

If you believe energy insulation improvements may be needed in your home, please send a completed copy of this form to: Energy Efficiency Team, Asset Management, Family Mosaic, Albion House, 20 Queen Elizabeth Street, London, SE1 2RJ or email your responses to energyefficiency@familymosaic.co.uk. Alternatively, contact the Energy Efficiency Enquiries Team on 0207 089 1234 for more information.

Thank you

Your energy checklist

As well as the tips mentioned in the brochure, you can use this checklist, for your own reference, to keep an eye on your energy use. If you answer yes to most of these questions you're already saving money on your fuel bills and reducing the effects of climate change!

Do you have low energy light bulbs installed in your home?

Yes No

To receive up to four free low energy light bulbs, contact EAGA on 0845 491 8655 and quote reference: RF-insert.

Have you signed up to the cheapest energy supplier for your gas and electricity?

Yes No

Energy suppliers' charges vary so it's worth checking which is best for you. Check around or use internet comparison sites such as uswitch and confused.com. Please note, green tariffs are available and if you have a pre-payment meter you're likely to be paying significantly more for your fuel, so contact your utility company if you want to make changes.

Is your heating at the lowest comfortable temperature and set to turn off when you are out?

Yes No

Leaving your heating on or having the temperature too high is costly and unnecessary.

If you have a hot water cylinder with a thermostat, is it set at under 60° C?

Yes No

Any more is unnecessary and costing you money.

Talking your language

Arabic

إذا كنت ترغب في الحصول على أي جزء من هذه المعلومات مطبوعاً بأحرف كبيرة أو بطريقة برايل أو مسجلاً على أسطوانة مدمجة أو شريط صوتي أو مشروحاً باللغة التي تتحدثها، يرجى الاتصال بنا على الرقم الموضح أدناه.

Farsi

اگر مایل به داشتن هر بخش از این اطلاعات به صورت چاپ شده با حروف بزرگ، خط بریل، CD، نوار صوتی و یا توضیح داده شده به زبان خودتان هستید، لطفاً با استفاده از شماره تلفن زیر با ما تماس بگیرید.

Kurdish

Heke hewceya we ji bo vê belgeyê bi herf û tîpên mezînan, bi alfabeya koran, li ser CDyê, li ser kasêtê an jî bi zimanê we bi xwe hebin; ji kerema xwe digel jimara jêr va têkilî û munasebetê bi me ra daynin.

Spanish

Si necesita esta información en Braille, en CD, en cinta o en su propio idioma, póngase en contacto con nosotros en el teléfono siguiente.

Bengali

যদি আপনি এই তথ্যগুলোর যে কোন একটির সম্বন্ধে বিস্তারিত জানতে চান, অথবা আপনার নিজের ভাষাতে ব্রেল, সিডি, অডিও টেপ-এ পেতে চান তাহলে নিম্নলিখিত নম্বরে আমাদের সাথে যোগাযোগ করুন।

French

Si vous souhaitez obtenir une partie de ces informations en Braille, sur CD, cassette audio ou expliqué dans votre langue, veuillez nous contacter au numéro indiqué ci-dessous.

Polish

Jeżeli potrzebujesz aby całość lub część tego tekstu były przedstawione większą czcionką, w języku Braille'a, na nośniku CD, na kasecie audio lub zostały przetłumaczone na Twój język ojczysty, prosimy o kontakt pod numerem podanym niżej.

Turkish

Bu bilginin herhangi bir kısmının büyük boyutlu harflerle, Braille alfabetiyle, CD'de, ses kaseti şeklinde veya ana dilinizle olmasını istiyorsanız, lütfen aşağıdaki telefon numarasından bize ulaşınız.

Chinese

本文档提供关于公共场所方面的信息。如果您需要将这些信息的任何部分以盲文形式，或通过 CD、磁带，或以您的本国语言的形式提供给您，请通过以下号码与我们联系。

Gujarati

જો તમારે કોઈ પણ ભાગની આ માહિતી બ્રેઈલ, સીડી ઉપર, ઑડિયો ટેપ અથવા તમારી પોતાની ભાષામાં સમજી શકો તેની જરૂર હોય તો નીચે જણાવેલ નંબર ઉપર અમારો સંપર્ક કરો.

Somali

Haddaad u baahan tahay warkan afkaaga-hooyo, afka loogu talagalay dadka aan arki karaan – afka faraha ama CD-ga ama ajeladda rekorka nala xirir. Namberkan isticmaal.

Vietnamese

Tài liệu này cung cấp thông tin về các khẩu hiệu chung. Nếu bạn cần bất kỳ phần nào trong thông tin này bằng chữ in to, chữ Braille, CD, băng tiếng hoặc giải thích bằng ngôn ngữ riêng của bạn, xin liên hệ với chúng tôi theo số dưới đây.

This document gives you information about energy saving in your home if you need any part of this document in large print, Braille, on CD or explained in your own language please contact us on 0845 600 4436.

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