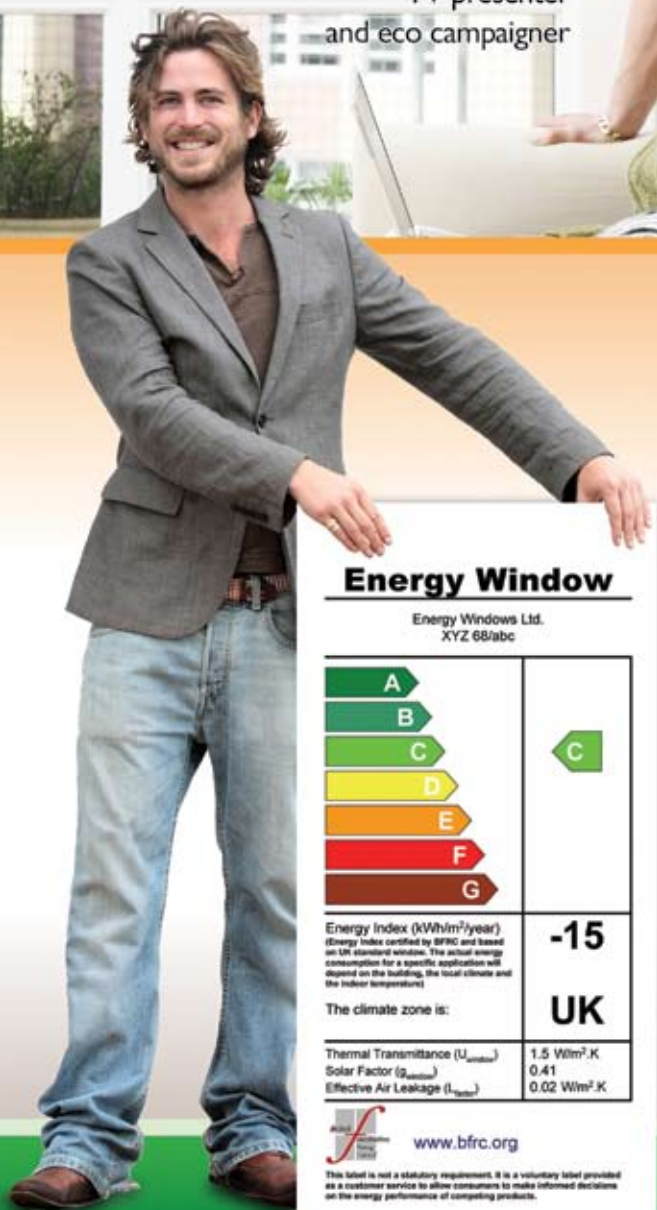


“Look for the BFRC  
energy efficiency label.”

James Strawbridge,  
TV presenter  
and eco campaigner



## Energy Window

Energy Windows Ltd.  
XYZ 68/abc



Energy Index (kWh/m<sup>2</sup>/year)  
(Energy Index certified by BFRC and based on UK standard windows. The actual energy consumption for a specific application will depend on the building, the local climate and the indoor temperature)

**-15**

The climate zone is:

**UK**

Thermal Transmittance ( $U_{window}$ )

1.5 W/m<sup>2</sup>.K

Solar Factor ( $g_{window}$ )

0.41

Effective Air Leakage ( $L_{window}$ )

0.02 W/m<sup>2</sup>.K



[www.bfrc.org](http://www.bfrc.org)

This label is not a statutory requirement. It is a voluntary label provided as a customer service to allow consumers to make informed decisions on the energy performance of competing products.

## A QUICK GUIDE

TO ENERGY  
EFFICIENT  
WINDOWS  
FOR HOMEOWNERS

PRODUCED BY THE  
BFRC

# What are Energy Efficient Windows and what are the benefits of buying them?

They are windows that help to contain and conserve heat within your home keeping out wind and rain and yet allowing natural 'free' energy to heat your home. They can be made using any frame material or even a combination of frame materials you choose - aluminium, PVC-U, steel or timber.

## How much money can I save?

You can save money on your energy bills if you install Energy Efficient Windows. If your home is single glazed or your double-glazing was installed prior to April 2002 then you could be losing heat, and therefore money, literally out of the window. However, by switching to Energy Efficient Windows you can save energy and reduce your household bills by as much as £461\* per year.

\* in an electrically heated house taken from DTI Quarterly Energy Prices. December 2007

***“Don't throw cash out of the window... Save heat and money by opting for BFRC rated Energy Efficient Windows.”***

James Strawbridge, TV presenter and eco campaigner

## How much carbon can I save?

You can reduce your carbon footprint if you install Energy Efficient Windows. If you live in a single glazed house and install Energy Efficient Windows, you could reduce the energy you use by 0.30 tonnes or 18% - almost reaching the Government target of 20% reduction per household.

# How do I know if the windows I am buying are energy efficient?

The BFRC is the UK's national system for rating Energy Efficient Windows. Its ratings scheme for Energy Efficient Windows is a voluntary scheme that uses EU authorised energy labels specifically produced for windows that are similar to the energy labels seen on most household appliances.

Look for the BFRC label and ask your window installer about their BFRC rated products. If their windows carry a BFRC label they are energy efficient. BFRC labels can be verified by checking the details on the website [www.bfrc.org](http://www.bfrc.org)

## What does the BFRC ratings label tell you?

This label tells you how energy efficient your new windows are. All windows are rated from 'A' to 'E' with 'A' being the most energy efficient. This labelling allows you to simply and quickly compare the energy efficiency of different windows.

**Energy Window**

Energy Windows Ltd.  
XYZ 68/abc

Energy Index (kWh/m <sup>2</sup> /year) <small>(Energy Index certified by BFRC and based on UK standard window. The actual energy consumption for a specific application will depend on the building, the local climate and the indoor temperature)</small>	<b>-15</b>
The climate zone is:	<b>UK</b>
Thermal Transmittance (U <sub>window</sub> )	1.5 W/m <sup>2</sup> .K
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Effective Air Leakage (L <sub>air</sub> )	0.02 W/m <sup>2</sup> .K

[www.bfrc.org](http://www.bfrc.org)

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# Which windows are best for my property?

All styles of window, made using various materials - timber, PVCu, aluminium steel - can be energy efficient and are covered by the BFRC label scheme.

Ask your installer about which products they have available or you can find a supplier that fits the type of windows you want by visiting these industry websites:

[www.ggf.org.uk](http://www.ggf.org.uk)

The Glass and Glazing Federation is the trade association for the glazing, window & conservatory industry.

[www.bwf.org.uk](http://www.bwf.org.uk)

The British Woodworking Federation is the trade association for the woodworking and joinery manufacturing industry and can help you to find a supplier of timber framed windows.

[www.bpf.co.uk](http://www.bpf.co.uk)

The British Plastics Federation is the trade association of the UK Plastics Industry and can help you to find a supplier of PVCu framed windows

[www.c-a-b.org.uk](http://www.c-a-b.org.uk)

The Council for Aluminium in Building promotes the interests of the architectural aluminium industry and can help you to find a supplier of aluminium framed windows

[www.steel-window-association.co.uk](http://www.steel-window-association.co.uk)

The Steel Window Association represents the great majority of UK steel window manufacturers and can help you to find a supplier of steel framed windows

***“It doesn’t matter how large or small your windows are - just make sure they are BFRC rated energy efficient.”***

James Strawbridge, TV presenter and eco campaigner

## How much do Energy Efficient Windows cost?

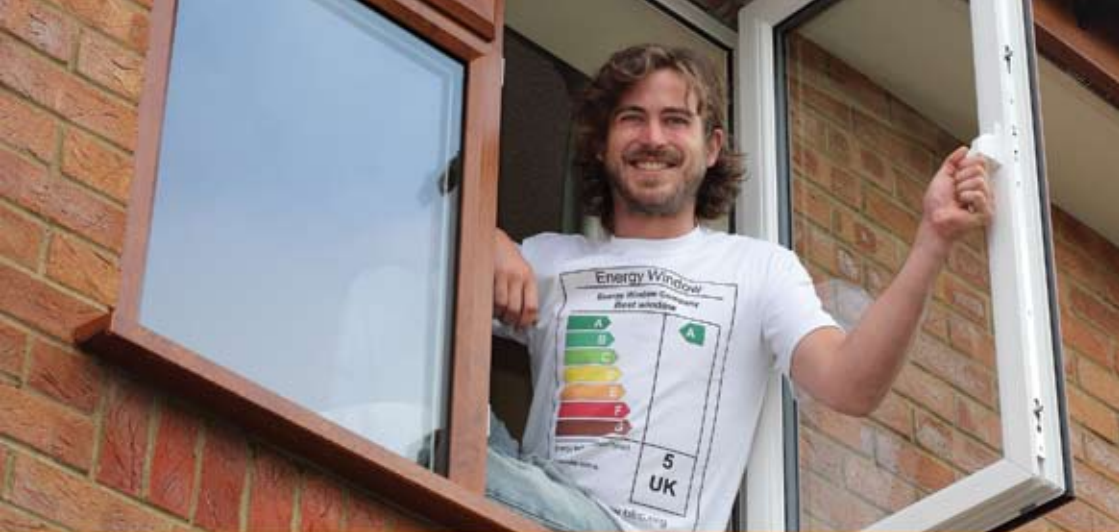
The cost varies not only between the various ratings (A to E) but is also dependent on the frame materials used and the size and style of window. 'A' rated windows will cost more than 'B', 'C', 'D' and 'E' rated windows, but this has to be set against the energy savings you will make as you go up the ratings scale.

The rule of thumb is that Energy Efficient Windows cost less than the heat lost through old windows, over a given period of time.

## Where can I find out more information?

There is a detailed 'Buyers Guide' on Energy Efficient Windows on the BFRC website which should tell you all you need to know about Energy Efficient Windows and why you should be investing in them. Please visit the website - [www.bfrc.org](http://www.bfrc.org)

Alternatively, ask your window installer, as they will have detailed information about the Energy Efficient Windows they supply.



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