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More detailed information about these and other Eco-design Regulations are available on our website:

[www.bis.gov.uk/nmo/eup](http://www.bis.gov.uk/nmo/eup)

The Department for the Environment, Food and Rural Affairs (Defra) is the policy lead for the Eco-design of Energy Related Products Regulations in the UK:

<http://efficient-products.defra.gov.uk/eup>



## Household Refrigerating Appliances

The Eco-design requirements for household refrigerating appliances

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## Household Refrigerating Appliances (EC) No 643/2009

The Eco-design requirements for household refrigerating appliances.

On 1st July 2010 the Eco-design requirements of Commission Regulation (EC) No 643/2009 for household refrigerating appliances came into force.

### Why Household Refrigerating Appliances?

In 2005 the annual electricity consumption of household refrigeration was estimated to produce 56 million tonnes of CO<sub>2</sub> across Europe. The potential impact of improving the efficiency of refrigeration appliances has made them a priority group for regulating.

### What is the Scope of the Regulation?

The Regulation applies to electric mains-operated refrigerating appliances for non-professional purposes such as fridges, freezers and wine coolers intended for refrigerating, freezing or storing refrigerated or frozen foodstuffs such as ingredients, beverages, wine and other items intended for consumption.

There are some specific exemptions. These include but are not limited to: appliances that are primarily powered by energy sources other than electricity and stand-alone ice-makers.

Specific details of the scope of the Regulation are linked from our website.

### Requirements

Generic Eco-design requirements for household refrigerating appliances apply from 1st July 2010 with further requirements from 1st July 2013.

It is important to note that alongside the generic Eco-design requirements, specific Eco-design requirements relating to compression type refrigerating appliances and to absorption and other type refrigerating appliances (implemented in three stages as detailed in the table below) also apply:

Specific Energy Efficiency Requirements	Compression Type Refrigerating Appliances	Absorption and Other Type Refrigerating Appliances
Stage 1 Requirements	1st July 2010	1st July 2010
Stage 2 Requirements	1st July 2012	1st July 2012
Stage 3 Requirements	1st July 2014	1st July 2015

Annex II of the Regulation details the Eco-design requirements of household refrigerating appliances.

### Responsibilities

The manufacturer, importer or person who first places the product on the market, is responsible for:

- ensuring the product does not exceed the maximum energy consumption requirements
- producing a declaration of conformity and affixing a CE Mark (<http://ec.europa.eu/enterprise/policies/single-market-goods/cemarking/>)

- maintaining a technical file (see EC 643/2009)
- making the technical file available to the Market Surveillance Authority upon request.

### Market Surveillance

The National Measurement Office (NMO) is the Market Surveillance Authority (MSA) responsible for the enforcement of this Regulation under the Energy Related Products (ERP) Directive.

