

<b>Title of the measure:</b>	EU 12	Energy Labelling of Household Appliances (Directive 92/75/EC)
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### **General description**

Council Directive 92/75/EEC of 22 September 1992 on the *Indication by labelling and standard product information of the consumption of energy and other resources of household appliances* is the basic Directive for a variety of implementing directives.

The directive specifies the following issues:

- It shall enable the harmonization of national measures on the publication, particularly by means of labelling and of product information, of information on the consumption of energy and of other essential resources, and additional information concerning certain types of household appliances, thereby allowing consumers to choose more energy-efficient appliances. This Directive shall apply to the following types of household appliances, even where these are sold for non-household uses:
  - refrigerators, freezers and their combinations,
  - washing machines, driers and their combinations,
  - dishwashers,
  - ovens,
  - water heaters and hot-water storage appliances,
  - lighting sources,
  - air-conditioning appliances.

The information related to the electricity consumption or other forms of energy and other necessary resources and supplementary information should be brought to consumers' attention through a fiche and a label related to household appliances offered for sale, hire or displayed to the end-user. Technical documentation should be provided which is to be sufficient to assess the accuracy of the information contained in the label and should include;

- a general description of the product
- the results of the design calculations carried-out
- test reports where available
- where values are derived from those obtained for similar models

Supplies placing on the market household appliances specified in the implementing directives shall supply a label in compliance with this directive. Supplier should provide a product fiche in addition to the labels. This fiche should be contained in all product brochures. Suppliers are responsible for the accuracy of the labels and fiche that they supply.

The implementing directives shall specify:

- the exact definition of the type of appliances to be included;
- the measurement standards and methods to be used in obtaining the information required for the label
- details of the technical documentation required;
- design and content of the labels, which as far as possible shall have uniform design characteristics;
- the location where the label shall be fixed to the appliance;
- the information to be provided in the case of offers for sale.

The following implementing directives have been issued since then:

- (1) [Commission Directive 94/2/EC of 21 January 1994](#) implementing Council Directive 92/75/EEC with regard to energy labelling of household electric refrigerators, freezers and their combinations
- (2) [Commission Directive 95/12/EC of 23 May 1995](#) implementing Council Directive 92/75/EEC with regard to energy labelling of household washing machines
- (3) [Commission Directive 95/13/EC of 23 May 1995](#) implementing Council Directive 92/75/EEC with regard to energy labelling of household electric tumble driers

- (4) [Commission Directive 96/60/EC of 19 September 1996](#) implementing Council Directive 92/75/EEC with regard to energy labelling of household combined washer-driers
- (5) [Commission Directive 97/17/EC of 16 April 1997](#) implementing Council Directive 92/75/EEC with regard to energy labelling of household dishwashers
- (6) [Commission Directive 98/11/EC of 27 January 1998](#) implementing Council Directive 92/75/EEC with regard to energy labelling of household lamps
- (7) [Commission Directive 2002/31/EC of 22 March 2002](#) implementing Council Directive 92/75/EC with regard to energy labelling of household airconditioners (pdf)
- (8) [Commission Directive 2002/40/EC of 8 May 2002](#) implementing Council Directive 92/75/EEC with regard to energy labelling of household electric ovens (pdf)
- (9) [Commission Directive 2003/66/EC of 3 July 2003](#) amending Directive 94/2/EC implementing Council Directive 92/75/EEC with regard to energy labelling of household electric refrigerators, freezers and their combination (pdf) (introduction of A+ and A++ labels for cold appliances)

### ***Impact evaluation***

A report by Europe Economics and Fraunhofer ISI, published in 2007, deals with the impact assessment of the possible modified version of the directive 92/75/EC. It discusses in detail the impact of the amendment in terms of costs for administration and for manufacturers and retailers, in terms of economics, energy consumption, research and innovation, social impacts and with respect to environment. The report explains the achievement of the labeling directive to date. The directive has increased take up of higher efficiency appliances which in turn has led to significant improvements in average efficiency of newly purchased appliances.

For refrigerators and freezers, washing machines and dryers the improvement in average efficiency since 1996 is estimated to be 20 to 35 per cent. This move to higher efficiency appliances contributed to annual energy savings over this period in the order of 24 TWh to 34 TWh. It is estimated that with the current policies already in place, 65 TWh to 75 TWh per year could be saved by 2010. While it is difficult to separate out the impact of labeling from other factors it has been estimated that the labelling schemes could account for up to half of the increased take up of higher energy efficient products, contributing savings of 12 – 17 TWh per year.

### ***References***

- Council Directive 92/75/EC of 22 September 1992 on the indication by labeling and standard product information of the consumption energy and other resources by household appliances  
<http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:31992L0075&from=en>
- Impact assessment study on a possible extension, tightening or simplification of the framework directive 92/75 EEC on energy labelling of household appliances A report by Europe Economics and Fraunhofer-ISI with BSR Sustainability and FfE  
[http://ec.europa.eu/energy/efficiency/consultations/doc/2008\\_02\\_22\\_labelling/2008\\_consultation\\_energy\\_labelling\\_mainreport.pdf](http://ec.europa.eu/energy/efficiency/consultations/doc/2008_02_22_labelling/2008_consultation_energy_labelling_mainreport.pdf).
- Survey of Compliance Directive 92/75/EEC (Energy Labelling) – Final Report  
[http://www.isi.fraunhofer.de/isi-wAssets/docs/e/de/aktuelles/Energy-Labelling\\_Final-Report.pdf](http://www.isi.fraunhofer.de/isi-wAssets/docs/e/de/aktuelles/Energy-Labelling_Final-Report.pdf)