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Nordic Council of Ministers

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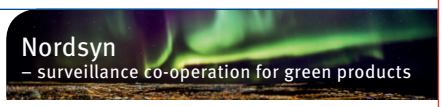
Content of Technical Documentation to provide to market surveillance authorities



Household refrigerating appliances

This guide presents the technical documentation that you have to provide if the market surveillance authorities ask for it. There are however other information requirements and requirements on web-information that you always need to fulfil according to the regulations.

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Household refrigerating appliances are covered by ecodesign requirements according to Regulation (EC) No 43/2009 and requirements by energy labelling according to Regulation (EU) No 1060/2010. The ecodesign requirements only apply to household refrigerating appliances as described in Article 1 and 2 of Regulation (EC) No 643/2009. The energy labelling requirements only apply to household refrigerating appliances as described in Article 1 and 2 of Regulation (EU) No 1060/2010. The documentation shall be produced before the refrigerating appliance is placed on the market. The technical documentation shall be sufficient to enable assessment of the conformity of the refrigerating appliance with the require- ments. In this respect it is important that test reports are included in the technical documentation.

Technical documentation for household refrigerating appliances

Demands	How to comply
Name and address of supplier	Company name and complete address.
General description	Description of the model so that it is easily identified and distinguished from other models (model name and number, size etc.) and a list of equivalent models, if relevant.
List of applied standards	Applied measurement standards (harmonised standards and/or standards)
Identification and signature of the person empowered to bind the supplier	Name and signature of the person responsible for the product.
Calculation and measurement results Apply to both ecodesign and energy labelling	**Results of calculations** A copy of calculations including equivalent volume and energy efficiency index etc. car- ried out in accordance with Regulation 643/2009/EC Annex IV, or delegated Regulation 1060/2010/EU Annex VIII. **Measured and calculated parameters** • Overall dimensions • Overall space required in use • Total gross volume(s) • Storage volume(s) and total storage volume(s) • Defrosting type • Storage temperature • Energy consumption • Temperature rise time • Freezing capacity • Power consumption • Wine storage compartment humidity

The energy efficiency index shall not exceed the limits for the declared energy class set in Regulation 1060/2010/EU Annex IX.

Be aware of the rounding rules.

Technical documentation for household refrigerating appliances

Demands	How to comply
	Models where the data is obtained from another product model Where the information in the technical documentation is based on calculation or extrapola- tion from another refrigerating appliance model, details of such calculations or extrapola- tions shall be included. Furthermore a list of all other equivalent refrigerating appliances where the information is obtained on the same basis shall be provided
Measurement results Apply only to energy labelling	• Star rating(s) of the frozen-food storage compartment(s). • Airborne acoustical noise emissions.
Copy of information Apply only to ecodesign	Copy of the information that shall be provided in the booklet of instruction (according to Regulation 643/2009/EC Annex II point 1).

This guide presents the contents of the Regulations and is addressed to manufacturers, importers and others interested. The guide is not a substitution for the Regulations, and in any case of doubt, the Regulations are applicable. This guide is not legally binding as a binding interpretation can only be made by the EU court.

COMMISSION REGULATION (EC) No 643/2009 of 22 July 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for household refrigerating appliances.

COMMISSION DELEGATED REGULATION (EU) No 1060/2010 of 28 September 2010 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to energy labelling of household refrigerating appliances.

Equivalent product means a product model placed on the market with the same technical and performance characteristics, as another product placed on the market under a different commercial name by the same manufacturer.

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