

**SUBSIDIARY LEGISLATION 427.80**

**ENERGY LABELLING OF ELECTRIC  
HOUSEHOLD REFRIGERATORS, FREEZERS  
AND THEIR COMBINATIONS  
(IMPLEMENTING MEASURES) REGULATIONS**

20th July, 2011\*

*LEGAL NOTICE 343 of 2011.*

- 1.** (1) The title of these regulations is the Energy Labelling of Electric Household Refrigerators, Freezers and their combinations (Implementing Measures) Regulations. Citation and scope.
- (2) These regulations shall be interpreted in terms of the Indication by Labelling and Standard Product Information of the Consumption of Energy and other Resources by Energy Related Products Regulations, hereinafter referred to as "the Energy Labelling Regulations". S.L. 427.24
- (3) These regulations implement the requirements of 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.
- (4) These regulations constitute an implementing measure within the meaning of the Energy Labelling Regulations with regard to the energy labeling of household electric refrigerators, freezers and their combination.
- 2.** (1) These regulations shall apply to electric mains operated household refrigerators, frozen food storage cabinets, food freezers and their combinations. Scope and application.
- (2) Appliances that may also use other energy sources, such as batteries, are excluded.
- 3.** The definitions of the Energy Labelling Regulations shall apply. Definitions.
- 4.** (1) The technical documentation referred to in regulation 6(2)(a) of the Energy Labelling Regulations shall include: Energy label and information requirements.
- (a) the name and address of the supplier;
  - (b) a general description of the model, sufficient for it to be identified;
  - (c) information, including drawings as relevant, on the main design features of the model and in particular items which appreciably affect its energy consumption;

\*See regulation 1(5) of these Regulations as originally promulgated.

- (d) reports of relevant measurement tests carried out under the test procedures of the harmonised standards referred to in sub-regulation (8);
- (e) operating instructions, if any.

(2) Where the information relating to a particular model combination has been obtained by calculation on the basis of design, and, or extrapolation from other combinations, the documentation should include details of such calculations and, or extrapolations, and of tests undertaken to verify the accuracy of the calculations undertaken (details of mathematical model for calculating performance and of measurements taken to verify this model).

(3) The appliances covered by these regulations shall be divided into the 'categories' set out in Schedule IV.

(4) The label referred to in regulation 5(1) of the Energy Labelling Regulations shall be as specified in Schedule I. It shall be placed on the outside of the front or top of the appliance, in such a way as to be clearly visible, and not obscured.

(5) The content and format of the fiche referred to in regulation 5(2) of the Energy Labelling Regulations shall be as specified in Schedule II.

(6) Where the appliances are offered for sale, hire or hire purchase by means of a printed or written communication, or by other means which imply that the potential customer cannot be expected to see the appliance displayed, such as a written offer, a mail order catalogue, advertisements on the Internet or on other electronic media, that communication shall include all the information specified in Schedule III.

(7) The energy efficiency class of an appliance shall be as specified in Schedule V.

(8) The information required by these regulations shall be obtained by means of measurements made in accordance with harmonised standards adopted by the European Standardisation Bodies (CEN, CENELEC, ETSI) under mandate from the Commission in accordance with Directive 98/34/EC, the reference numbers of which have been published in the Official Journal of the European Communities and for which Member States have published the reference numbers of the national standards transposing those harmonised standards.

(9) The provisions of Schedules I, II and III requiring the giving of information relating to noise shall apply only where that information is required by Member States under Article 3 of Directive 86/594/EEC. This information shall be measured in accordance with that Directive.

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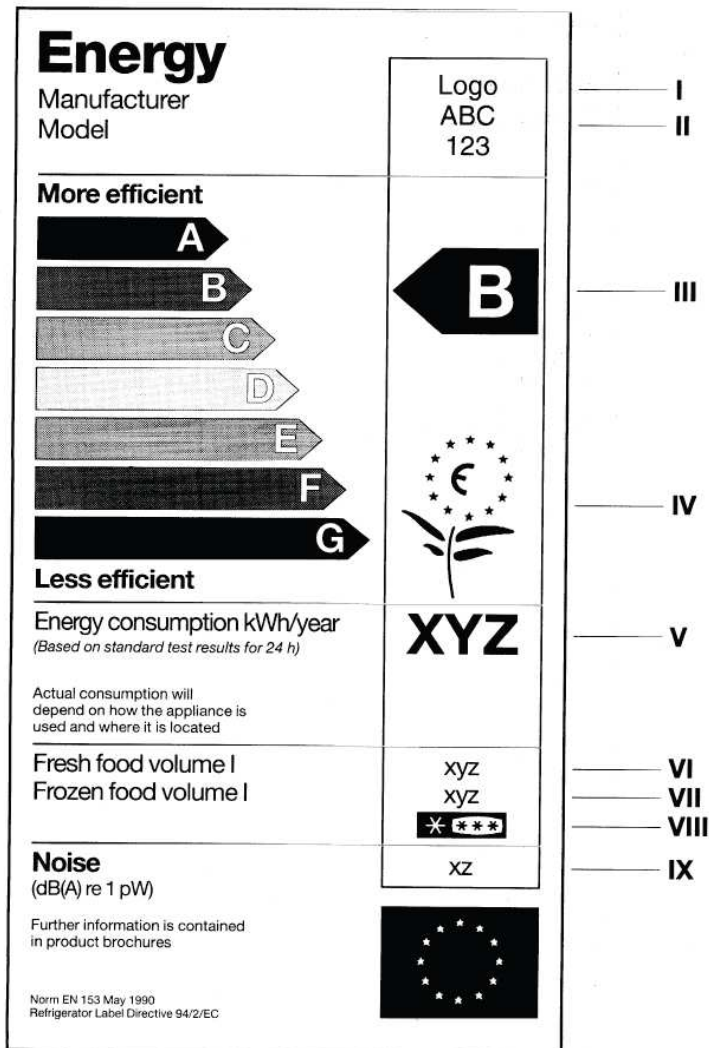
SCHEDULE I

Based on Annex I of Directive 94/2/EC

THE LABEL

Label Design

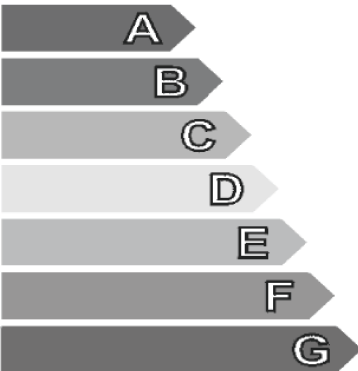



- The label shall be the relevant language version chosen from the following illustrations:



<b>Енергия</b>	Logo
Производител Модел	ABC 123
<b>По-ефективен</b>	
<b>По-ниско ефективен</b>	XYZ
Консумация на енергия kWh/година <i>(Основана на стандартни опитни резултати за 24 h)</i>	XYZ
Действителната консумация ще зависи от това как се използва уредът и къде е разположен	
Обем за пресни продукти ℓ Обем за замразени продукти ℓ	xyz xyz 
<b>Ниво на шум</b> (dB(A) за 1 pW)	xz
Допълнителна информация се съдържа в техническия проспект	     
БДС EN 153 Май 1990 Директива 94/2/ЕО за хладилници	     

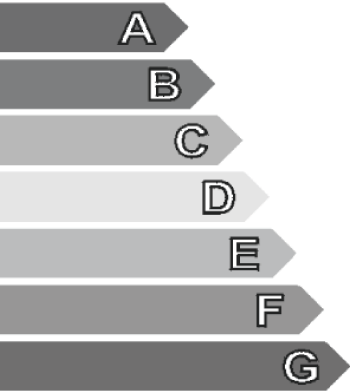





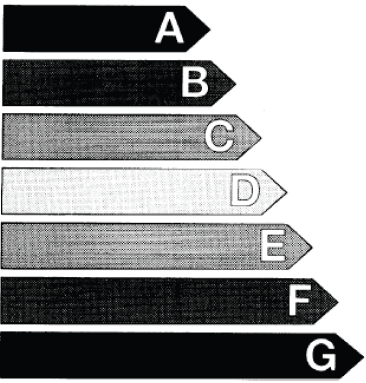



<h1>Energía</h1> <p>Fabricante Modelo</p>	<p>Logo ABC 123</p>
<p><b>Más eficiente</b></p> <p><b>Menos eficiente</b></p>	
<p>Consumo de energía kWh/año <i>Sobre la base del resultado obtenido en 24 h. en condiciones de ensayo normalizadas</i></p> <p>El consumo real depende de las condiciones de utilización del aparato y de su localización</p>	<p><b>XYZ</b></p>
<p>Volumen alimentos frescos l Volumen alimentos congelados l</p>	<p>xyz xyz </p>
<p><b>Ruido</b> dB(A) re 1 pW</p>	<p>xz</p>
<p>Ficha de información detallada en los folletos del producto</p> <p>Norma EN 153, mayo 1990 Directiva 94/2/CE sobre etiquetado de refrigeradores</p>	

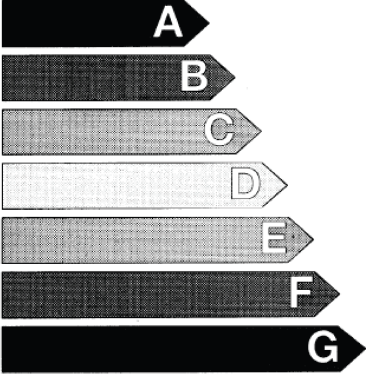




<h1>Energie</h1> <p>Výrobce Model</p>	<p>Logo ABC 123</p>
<p><b>Úsporné</b></p>  <p><b>Méně úsporné</b></p>	 
<p>Spotřeba energie kWh/rok <i>(na základě normovaného testu spotřeby elektřiny za 24 hodin)</i></p> <p>Skutečná spotřeba energie závisí na způsobu používání a umístění spotřebiče</p>	<p>XYZ</p>
<p>Objem chladícího prostoru   Objem mrazícího prostoru  </p>	<p>xyz xyz ❄️❄️❄️</p>
<p><b>Hluk</b> (dB(A) re 1 pW)</p>	<p>xz</p>
<p>Další údaje jsou v návodu k použití</p> <p>Norma EN 153, květen 1990 Směrnice 94/2/ES pro označování elektrických chladniček, mrazniček a jejich kombinací energetickými štítky</p>	

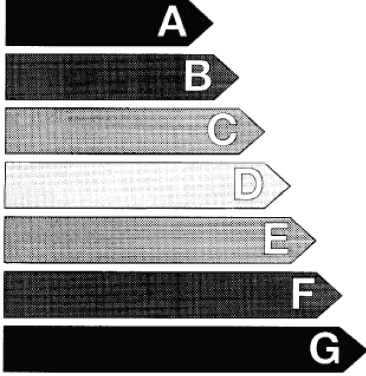



<h1>Energi</h1> <p>Mærke Model</p>	<p>Logo ABC 123</p>
<p><b>Lavt forbrug</b></p> <p><b>Højt forbrug</b></p>	 
<p>Energiforbrug kWh/år <i>(På grundlag af standardtest)</i></p> <p>Det faktiske energiforbrug afhænger af, hvorledes apparatet benyttes, og hvor det anbringes</p>	<p><b>XYZ</b></p>
<p>Rumfang af kølerum l Rumfang af frostrum l</p>	<p>xyz xyz * ** *</p>
<p><b>Lydeffektniveau</b> dB(A) (Støj)</p>	<p>xz</p>
<p>Brochurerne om produktet indeholder yderligere oplysninger</p> <p>Standard EN 153 af maj 1990 Direktiv om energimærkning af kølemøbler 94/2/EF</p>	

<h1>Energie</h1> <p>Hersteller Modell</p>	<p>Logo ABC 123</p>
<p><b>Niedriger Verbrauch</b></p> <p><b>Hoher Verbrauch</b></p>	 
<p>Energieverbrauch kWh/Jahr <i>(Auf der Grundlage von Ergebnissen der Normprüfung über 24 h)</i></p> <p>Der tatsächliche Verbrauch hängt von der Nutzung und vom Standort des Geräts ab.</p>	<p><b>XYZ</b></p>
<p>Nutzzinhalt Kühlteil I Nutzzinhalt Gefrierteil I</p>	<p>xyz xyz </p>
<p><b>Geräusch</b> (dB(A) re 1 pW)</p>	<p>XZ</p>
<p>Ein Datenblatt mit weiteren Geräteangaben ist in den Prospekten enthalten.</p> <p>Norm EN 153, Ausgabe Mai 1990 Kühlergeräte-Richtlinie 94/2/EG</p>	

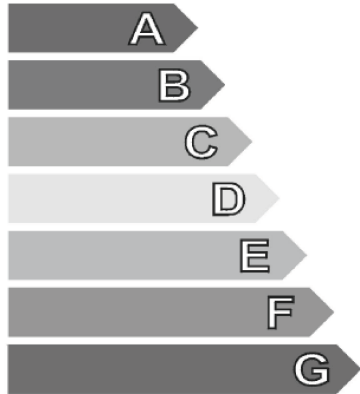




<p><b>Energia</b></p> <p>Tootja või kaubamärk Mudel</p>	<p>Logo ABC 123</p>
<p><b>Tõhusam</b></p>  <p><b>Vähemtõhus</b></p>	 
<p><b>Energiatarbivus kWh/aastas</b> <i>(Põhireb stabiilsetes tingimustes möödetud 24 tunni energitarbivusel)</i></p> <p>Tegeik energitarbivus oleneb seadme kasutusviisist ja paigutusest</p>	<p>XYZ</p>
<p>Värskete toodete kambri maht   Külmakambri maht  </p>	<p>xyz xyz ✱✱✱✱</p>
<p><b>Müra</b> (dB(A) re 1 pW)</p>	<p>XZ</p>
<p>Kasutusjuhend sisaldab lisateavet</p> <p>Standard EN 153, 1990 mai Külmaseadmete märgistamise direktiiv 94/2/EÜ</p>	

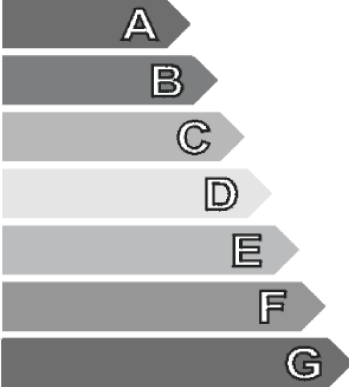



<h1>Ενέργεια</h1> <p>Κατασκευαστής Μοντέλο</p>	<p>Logo ABC 123</p>
<p><b>Αποδοτικό</b></p>  <p><b>Μη αποδοτικό</b></p>	  
<p>Χρήση ενέργειας kWh ανά έτος <i>Βάσει αποτελεσμάτων των πρότυπων δοκιμών επί 24ωρο</i></p> <p>Η πραγματική κατανάλωση εξαρτάται από τον τρόπο χρήσεως και το σημείο που είναι τοποθετημένη η συσκευή</p>	<p><b>XYZ</b></p>
<p>Νωπές τροφές σε λίτρα Κατεψυγμένες τροφές σε λίτρα</p>	<p>xyz xyz * ** *</p>
<p><b>Θόρυβος</b> dB(A) ανά 1 pW</p>	<p>xz</p>
<p>Μια κάρτα με πληροφοριακές λεπτομέρειες</p> <p>Προδιαγραφές του EN 153 Μαΐου 1990 Κοινοτική οδηγία προδιαγραφών 94/2/ΕΚ για ψυγεία</p>	

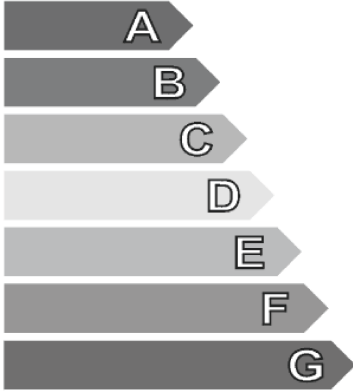




<h1>Énergie</h1> <p>Fabricant Modèle</p>	<p>Logo ABC 123</p>
<p><b>Économe</b></p>  <p><b>Peu économe</b></p>	 
<p>Consommation d'énergie kWh/an <i>Sur la base du résultat obtenu pour 24h dans des conditions d'essai normalisées</i></p> <p>La consommation réelle dépend des conditions d'utilisation et de la localisation de l'appareil</p>	<p><b>XYZ</b></p>
<p>Capacité de denrées fraîches l Capacité de denrées congelées l</p>	<p>xyz xyz </p>
<p><b>Bruit</b> dB(A) re 1 pW</p> <p>Une fiche d'information détaillée figure dans la brochure</p> <p>Norme EN 153, mai 1990, Directive 94/2/CE relative à l'étiquetage des réfrigérateurs</p>	<p>xz</p> 

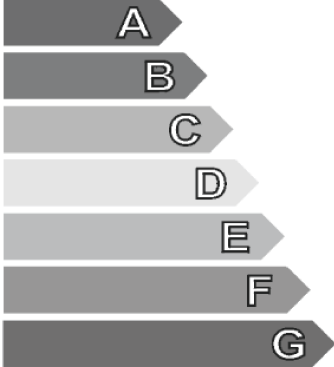



<h1>Energia</h1> <p>Costruttore Modello</p>	<p>Logo ABC 123</p>
<p><b>Bassi consumi</b></p>  <p><b>Alti consumi</b></p>	  
<p>Consumi di energia kWh/anno <i>In base ai risultati di prove standard per 24 ore</i></p> <p>Il consumo effettivo dipende dal modo in cui l'apparecchio viene usato e dal posto in cui è situato</p>	<p><b>XYZ</b></p>
<p>Volume alimenti freschi l Volume alimenti congelati l</p>	<p>xyz xyz * ** *</p>
<p><b>Rumore</b> dB(A) re 1 pW</p> <p>Gli opuscoli illustrativi contengono una scheda particolareggiata</p> <p>Norma EN 153 Maggio 1990 Direttiva 94/2/CE relativa all'etichettatura dei frigoriferi</p>	<p>XZ</p> 



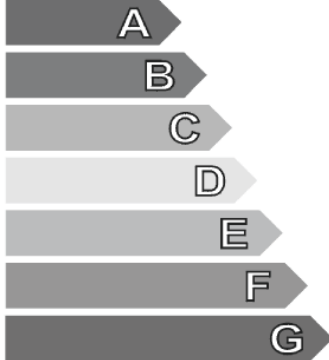




<b>Energija</b>	Logo ABC 123
Ražotājs Modelis	
<b>Efektīvāk</b>	
 <p>A B C D E F G</p>	 
<b>Mazāk efektīvi</b>	
<b>Energijas patēriņš kWh/gadā</b> <i>(balstīts uz standarta 24 stundu testa rezultātiem)</i>  Faktiskais enerģijas patēriņš atkarīgs no iekārtas lietošanas veida un atrašanās vietas	<b>XYZ</b>
<b>Svaigo pārtikas produktu tilpums  </b> <b>Saldēto pārtikas produktu tilpums  </b>	xyz xyz 
<b>Troksnis</b> (dB(A) re 1 pW)	XZ
Stikāka informācija norādīta brošūrā	
1990. gada maija standarts EN 153 Ledusskapju marķēšanas Direktīva 94/2/EK	

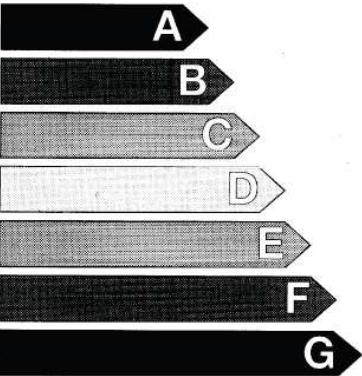




<h1>Energija</h1> <p>Gamintojas Modelis</p>	<p>Logo ABC 123</p>
<p><b>Didžiausias efektyvumas</b></p>  <p><b>Mažiausias efektyvumas</b></p>	 
<p>Suvartojamos energijos kiekis kWh per metus <i>(Remiantis standartinio 24 h bandymo rezultatais)</i></p> <p>Tikrasis suvartojamos energijos kiekis priklausys nuo to, kaip prieštaisy bus naudojamas</p>	<p>XYZ</p>
<p>Šviežio maisto talpa   Šaldyto maisto talpa  </p>	<p>xyz xyz ***</p>
<p><b>Triukšmas</b> (dB(A) apie 1 pW)</p>	<p>XZ</p>
<p>Daugiau informacijos yra gaminio apraše</p> <p>Lietuvos standartas LST EN 153, gegužė 1990 Šaldytuvo etiketės direktyva 94/2/EB</p>	

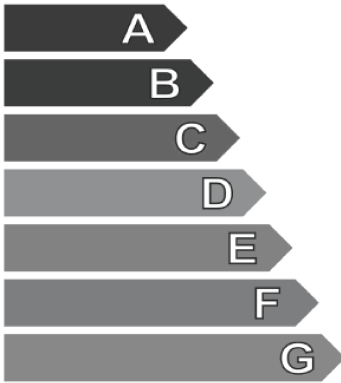



<b>Energia</b>	Logo ABC 123
Gyártó Típus	
<b>Hatékonyabb</b>	
	 
<b>Kevésbé hatékony</b>	
Energiafogyasztás kWh/év <i>(24 órás szabványos vizsgálat alapján)</i>	<b>XYZ</b>
A tényleges energiafogyasztás függ a használat és elhelyezés módjától	
Hűtőtér fogat Fagyasztó tér fogat	xyz xyz 
<b>Zaj</b> (dB(A) 1 pW)	XZ
További információ a termékismertetőben	
EN 153 szabvány, 1990 május A 94/2/EK irányelv alapján	

<h1>Energija</h1> <p>Manifattur Mudell</p>	<p>Logo ABC 123</p>
<p><b>L-anqas li tahl</b></p>  <p><b>L-aktar li tahl</b></p>	 
<p><b>Konsum ta' Energija kWh/sena</b> <i>(Bażata fuq ir-riżultati standard ta' 24 siegħa)</i></p> <p>Il-konsum attwali tal-enerġija jiddependi minn kif il-prodott ikun qed jiġi użat u fejn jiġi poġġa</p>	<p><b>XZZ</b></p>
<p>Il-volum ta' l-ikel frisk 1 Il-volum ta' l-ikel friżat 1</p>	<p>XZZ XZZ ✱✱✱✱</p>
<p><b>Livell tal-hoss</b> (dB(A) re 1 pW)</p> <p>Aktar infomazzjoni tinkiseb mill-manwal tal-prodott</p> <p>L-istandard EN 153, Mejju 1990 Id-Direttiva 94/2/KE dwar it-tikketti tar-refriġeraturi</p>	<p>XZ</p> 

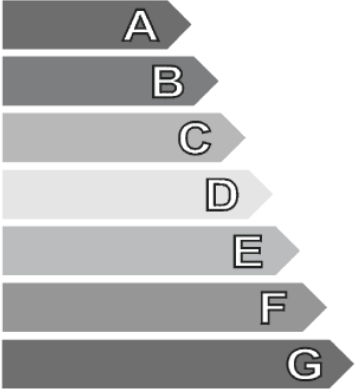



<h1>Energie</h1> <p>Fabrikant Model</p>	<p>Logo ABC 123</p>
<p><b>Efficiënt</b></p> <p><b>Inefficiënt</b></p>	 
<p>Energieverbruik kWh per jaar <i>Gebaseerd op de resultaten van een standaardtest gedurende 24 uur</i></p> <p>Werkelijk verbruik wordt bepaald door de wijze waarop het apparaat wordt gebruikt en de plaats waar het staat</p>	<p><b>XYZ</b></p>
<p>Inhoud Koelruimte l Inhoud Vriesruimte l</p>	<p>xyz xyz </p>
<p><b>Geluidsniveau</b> dB(A) re 1 pW</p>	<p>xz</p>
<p>Een kaart met nadere gegevens is opgenomen in de brochures over het apparaat</p>	
<p>Norm EN 153 mei 1990 Richtlijn Etikettering koelkasten 94/2/EG</p>	





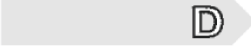






<b>Energia</b>	Logo ABC 123
Producent Model	
<b>Bardziej efektywna</b>	
 <p>A B C D E F G</p>	 
<b>Mniej efektywna</b>	
Roczne zużycie energii kWh/rok <i>(wg znormalizowanych pomiarów)</i>  Aktualne zużycie energii zależy od warunków eksploatacji oraz lokalizacji	<b>XYZ</b>
Pojemność dla świeżej żywności   Pojemność dla mrożonej żywności	xyz xyz 
<b>Poziom hałasu</b> (dB(A) re 1 pW)	xz
Szczegółowe informacje zawarte są w instrukcji obsługi  Norma EN 153, Maj 1990 Dyrektywa 94/2/WE dotycząca etykiet umieszczanych na chłodziarkach	

<h1>Energia</h1> <p>Fabricante Modelo</p>	<p>Logo ABC 123</p>
<p><b>Eficiente</b></p>  <p><b>Ineficiente</b></p>	 
<p>Consumo de energia kWh/ano <i>Com base nos resultados do ensaio normalizado de 24h</i></p> <p>O consumo real varia com as condições de utilização da máquina e com a sua localização</p>	<p><b>XYZ</b></p>
<p>Volume de alimentos frescos l Volume de alimentos congelados l</p>	<p>xyz xyz </p>
<p><b>Nível de ruído</b> dB(A) re 1 pW</p>	<p>XZ</p>
<p>Ficha pormenorizada no folheto do produto</p> <p>Norma EN 153, Maio de 1990 Directiva 94/2/CE (Etiquetagem de aparelhos frigoríficos)</p>	

<p><b>Energie</b> Producător Model</p>	<p>Logo ABC 123</p>
<p><b>Mai eficient</b></p>  <p><b>Mai puțin eficient</b></p>	 
<p>Consum de energie kWh/an <i>(Bazat pe rezultatele obținute în condiții standard timp de 24 h)</i></p> <p>Consumul real depinde de modul de utilizare și amplasare a aparatului</p>	<p><b>XYZ</b></p>
<p>Volum util de alimente proaspete <i>l</i> Volum util de alimente congelate <i>l</i></p>	<p>xyz xyz ✱***</p>
<p><b>Zgomot</b> (dB(A) re 1 pW)</p>	<p>xz</p>
<p>Informații suplimentare se găsesc în broșurile de produs</p>	
<p>Standard EN 153 mai 1990 Directiva 94/2/CE Etichetarea frigiderelor</p>	



<h1>Energia</h1> <p>Výrobca Model</p>	<p>Logo ABC 123</p>
<p><b>Viac úsporný</b></p>  <p><b>Menej úsporný</b></p>	 
<p>Spotreba energie kWh/rok <i>(Základom je výsledok štandardného testu spotreby za 24 h)</i></p> <p>Skutočná spotreba závisí od toho, ako je spotrebič používaný a kde je umiestnený</p>	<p>XYZ</p>
<p>Úžitkový objem chladiaceho priestoru v l Úžitkový objem mraziaceho priestoru v l</p>	<p>xyz xyz ✱***</p>
<p><b>Hlučnosť</b> (dB(A) re 1 pW)</p>	<p>XZ</p>
<p>Ďalsie informácie sú obsiahnuté vo výrobkových katalógoch</p> <p>Norma EN 153 máj 1990 Smernica 94/2/ES o štiťkovaní chladničiek</p>	

<b>Energija</b>	
Proizvajalec Model	Logo A B C 1 2 3
<b>Manjša poraba energije</b>	
 A	
 B	 B
 C	
 D	
 E	
 F	
 G	
<b>Večja poraba energije</b>	
Poraba energije v kWh/leto <i>(na podlagi rezultatov standardnega preskusa za 24 ur)</i>	XYZ
Dejanska poraba je odvisna od načina uporabe naprave in njene namestitve	
Prostornina hladilnika I Prostornina zamrzovalnika I	xyz xyz 
<b>Hrup</b> (dB(A) re 1 pW)	XZ
Ostali podatki so navedeni v prospektih	
Standard EN 153, maj 1990 Direktiva 94/2/ES o energijskih nalepkah za hladilnike	

Notes on label

2. The following notes define the information to be included:

Note

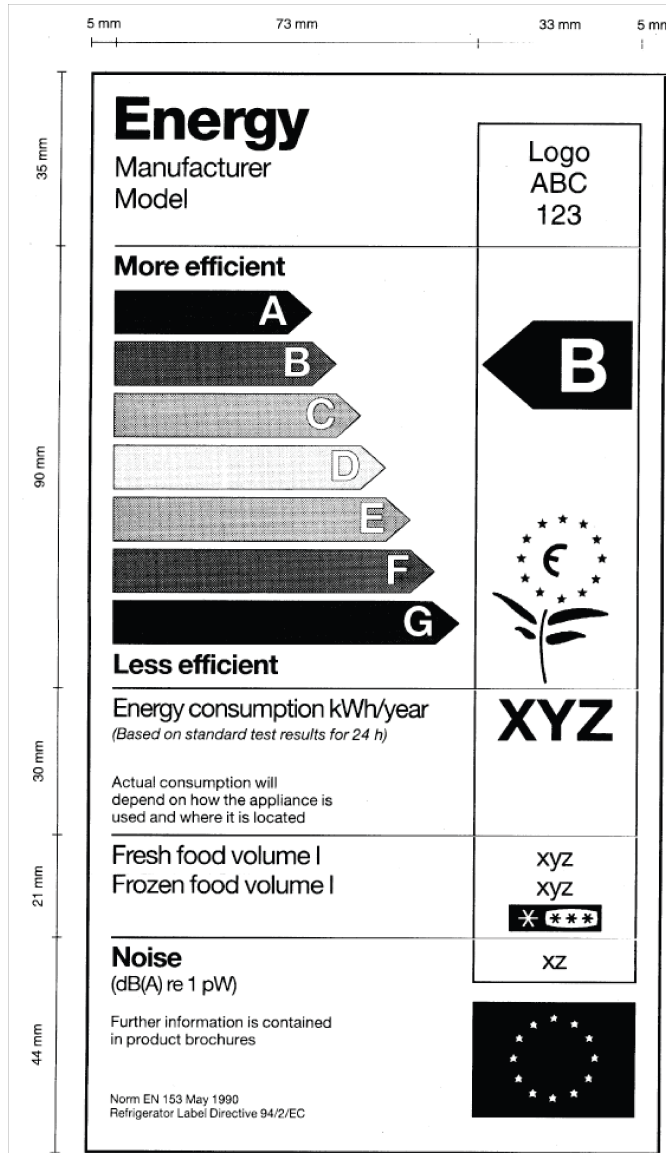
- I. Supplier's name or trade mark.
- II. Supplier's model identifier.
- III. The energy efficiency class of an appliance shall be determined in accordance with Annex V. The appropriate letter shall be placed at the same level as the relevant arrow.

- IV. Without prejudice to any requirements under the Community eco-label scheme, where a model has been granted a 'European Union eco-label' under Regulation (EC) No 1980/2000 of the European Parliament and of the Council of 17 July 2000 on a revised Community eco-label award scheme, a copy of the eco-label may be added here. The 'refrigerator/freezer label design guide', referred to below, explains how the Eco-award mark, may be included in the label.
- V. Energy consumption in accordance with standards referred to in regulation 4(8), but expressed in kWh per year (i.e. per 24 hours × 365).
- VI. Sum of net storage volume of all compartments that do not merit a star rating (i.e. operating temperature > - 6° C).
- VII. Sum of net storage volume of all frozen food storage compartments which merit a star rating (i.e. operating temperature ≤ - 6°C).
- VIII. Star rating of frozen food storage compartment, in accordance with standards referred to in regulation 4(8). Where this compartment does not merit any stars, this position shall be left blank.
- IX. Where applicable, noise measured in accordance with Directive 86/594/EEC.

**Printing**

- 3. The following defines certain aspects of the label:

*ENERGY LABELLING OF ELECTRIC HOUSEHOLD  
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The indicator letter for A+ and A++ appliances shall be in accordance with the following illustrations, and shall be placed in the same position as the A indicator for A class appliances

A+

A++



Colours used:

CMYK - cyan, magenta, yellow, black.

Ex.07X0: 0% cyan, 70% magenta, 100% yellow, 0% black.

Arrows

A X0X0

B 70X0

C 30X0

D 00X0

E 03X0

F 07X0

G 0XX0

Outline colour: X070

All text is in black. The background is white.

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## SCHEDULE II

Based on Annex II of Directive 94/2/EC

### THE FICHE

The fiche shall contain the following information. The information may be given in the form of a table covering a number of appliances supplied by the same supplier, in which case it shall be given in the order specified, or given close to the description of the appliance:

1. Supplier's trade mark.
2. Supplier's model identifier.
3. Type of appliance as follows:

Category	Description in Fiche
1	Larder Fridge
2	Refrigerator / Chiller
3	Refrigerator
4	Refrigerator
5	Refrigerator
6	Refrigerator
7	Fridge/Freezer
8	Upright Freezer
9	Chest Freezer
	For category 10 appliances, the supplier may choose its description of the type of appliance

4. The energy efficiency class of the model as defined in Schedule V, expressed as 'Energy efficiency class ..... on a scale of A++ (most efficient) to G (least

efficient)'. Where this information is provided in a table this may be expressed by other means provided it is clear that the scale is from A++ (most efficient) to G (least efficient).

5. Where the information is provided in a table, and where some of the appliances listed in the table have been granted a 'European Union eco-label' under Regulation (EC) No 1980/2000, this information may be included here. In this case the row heading shall state 'European Union eco-label', and the entry shall consist of a copy of the eco-label mark. This provision is without prejudice to any requirements under the Community eco-label scheme.

6. Energy consumption in accordance with standards referred to in regulation 4(8) but expressed in kWh per year (i.e. per 24 hours  $\times$  365), described as: 'energy consumption XYZ kWh per year, based on standard test results for 24 h. Actual energy consumption will depend on how the appliance is used and where it is located.'

7. Net storage volume of fresh food storage compartment (5°C) in accordance with standards referred to in regulation 4(8) - omit for classes 8 and 9.

8. Net storage volume of frozen food storage compartment, and of chill compartment when available, in accordance with standards referred to in regulation 4(8) - omit for classes 1, 2 and 3. For class 3 appliances the net volume of the 'ice box'.

7 and 8. For classes 2 and 10 the net volume of each compartment should be listed, in accordance with standards referred to in regulation 4(8).

9. Star rating of frozen food storage compartment, if any, in accordance with standards referred to in regulation 4(8).

10. The mention 'no frost' may be included here when in accordance with the definitions given in the standards referred to in regulation 4(8).

11. 'Power cut safe Z h' defined as 'temperature rise time' in accordance with standards referred to in regulation 4(8).

12. 'Freezing capacity' in kg/24 h in accordance with standards referred to in regulation 4(8).

13. 'Climate class' in accordance with the standards referred to in regulation 4(8). Where appliance is of 'temperate' climate class this may be omitted.

14. 'Noise', where applicable, measured in accordance with Directive 86/594/EEC.

15. If the model is produced in order to be built-in, this should be stated. Where an appliance contains compartments other than a single fresh food compartment and a single frozen food compartment, extra lines may be added at 7, 8, 9, 10, 11, 12 and 13 to include the information in respect of these compartments. In this case the naming and order of listing of the compartments shall be consistent. Where the design temperature of a compartment does not conform to the star rating system, or the standard fresh food compartment temperature (5°C), this design temperature shall be given. The information contained in the label may be given in the form of a copy of the label, either in colour or in black and white. In this case the further information given only in the fiche must still be included.

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SCHEDULE III

Based on Annex III of Directive 94/2/EC

MAIL ORDER AND OTHER DISTANCE SELLING

Mail order catalogues and other printed communications referred to in regulation 4(6) shall contain the following information, given in the order specified:

1. Energy efficiency class (Schedule II, point 4)
2. Energy consumption (Schedule II, point 6)
3. Net volume of fresh food compartment (Schedule II, point 7)
4. Net volume of frozen food compartment (Schedule II, point 8)
5. Star rating (Schedule II, point 9)
6. Noise (Schedule II, point 14)

Where other information contained in the product information fiche is provided, it shall be in the form defined in Schedule II and shall be included in the above list in the order specified for the fiche.

The size and font, in which all the information referred to above is printed, shall be legible.

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SCHEDULE IV

Based on Annex IV of Directive 94/2/EC

CATEGORIES

The appliances covered by these Regulations shall be divided into the following 'categories':

1. Household refrigerators, without low temperature compartments.
  2. Household refrigerator/chillers, with compartments at 5°C and/or 10°C.
  3. Household refrigerators, with no-star low temperature compartments.
  4. Household refrigerators, with low temperature compartments \*.
  5. Household refrigerators, with low temperature compartments \*\*.
  6. Household refrigerators, with low temperature compartments \*\*\*.
  7. Household refrigerator/freezers, with low temperature compartments \*(\*\*\*).
  8. Household food freezers, upright.
  9. Household food freezers, chest.
  10. Household refrigerators and freezers with more than two doors, or other appliances not covered above.
-

SCHEDULE V

Based on Annex V of Directive 94/2/EC

ENERGY EFFICIENCY CLASS

PART 1: Definitions of Classes A+ and A++

An appliance shall be classified as A+ or A++, where the energy efficiency index alpha ( $I\alpha$ ) is within the ranges specified in Table 1.

Table 1	
Energy efficiency index $\alpha$ ( $I\alpha$ )	Energy efficiency class
$30 > I\alpha$ A++	A++
$42 > I\alpha \geq 30$ A+	A+
$I\alpha \geq 42$	A to G (see below)

In Table 1:

$$I\alpha = \frac{AC}{SC\alpha} \times 100$$

where:

AC = annual energy consumption of appliance (in accordance with Schedule I, note V)

SC $\alpha$  = standard annual energy consumption  $\alpha$  of appliance SC $\alpha$  is calculated as

$$M_{\alpha}X \sum_{\text{Compartments}} \left( V_c \times \frac{(25 - T_c)}{20} \times FF \times CC \times BI \right) + N_{\alpha} + CH$$

where:

V<sub>c</sub> is the net volume (in litres) of the compartment (in accordance with standards referred to in regulation 4(8)).

T<sub>c</sub> is the design temperature (in °C) of the compartment.

The values of M $\alpha$  and N $\alpha$  are given in Table 2 and the values of FF, CC, BI and CH are given in Table 3.

Table 2			
Type of appliance	Temperature of coldest compartment	M $\alpha$	N $\alpha$
1 Larder Fridge	> - 6°C	0.233	245
2 Refrigerator/chiller	> - 6°C	0.233	245
3 Refrigerator no star	> - 6°C	0.233	245
4 Refrigerator *	≤ - 6°C *	0.643	191
5 Refrigerator **	≤ - 12°C **	0.450	245
6 Refrigerator ***/	≤ - 18°C ***/*(***)	0.777	303
7 Fridge-freezer *(***)	≤ - 18°C ***/*(***)	0.777	303
8 Upright freezer	≤ - 18°C *(***)	0.539	315
9 Chest freezer	≤ - 18°C *(***)	0.472	286



10 Multi-door or other appliance	(1)	(1)
<sup>(1)</sup> For these appliances, the temperature and star rating of the compartment with the lowest temperature will determine the values of M and N. Appliances with -18°C <sup>(***)</sup> compartments shall be considered as fridge-freezers <sup>(***)</sup> .		

Table 3		
Correction factor	Value	Condition
FF (frost-free)	1.2	For 'frost-free' (ventilated) frozen food compartments
	1	Otherwise
CC (climate class)	1.2	For 'tropical' appliances
	1.1	For 'subtropical' appliances
	1	Otherwise
BI (built-in)	1.2	For built-in appliances <sup>(1)</sup> of under 58 cm in width
	1	Otherwise
CH (chill compartment)	50 Kwh/y	For appliances with a chill compartment of at least 15 litres
	0	Otherwise

<sup>(1)</sup> An appliance is 'built-in' only if it is designed exclusively for installation within a kitchen cavity with a need of furniture finishing, and tested as such.

If an appliance is not A+ or A++, it shall be classified in accordance with Part 2.

**PART 2: Definitions of Classes A to G**

The energy efficiency class of an appliance shall be determined in accordance with the following Table:

Table 1	
Energy efficiency index: I	Energy efficiency class
$I < 55$	A
$55 \leq I < 75$	B
$75 \leq I < 90$	C
$90 \leq I < 100$	D
$100 \leq I < 110$	E
$110 \leq I < 125$	F
$125 \leq I$	G

Where:

'energy efficiency index' (expressed as a percentage) = annual energy consumption of appliance <sup>(1)</sup> / standard annual energy consumption of appliance

'standard annual energy consumption of appliance' (expressed in kWh/year) = M × adjusted net volume + N

And

adjusted net volume (expressed in litres) = net volume of fresh food compartment + Ω × net volume of frozen food compartment.

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The values of M, N and  $\Omega$  are taken from Table 2.

Table 2			
Class of Appliance	$\Omega$	M	N
1 Larder fridge	-	0,233	245
2 Refrigerator/chiller	0,75 <sup>(1)</sup>	0,233	245
3 Refrigerator no star	1,25	0,233	245
4 Refrigerator *	1,55	0,643	191
5 Refrigerator **	1,85	0,450	245
6 Refrigerator ***	2,15	0,657	235
7 Fridge/freezer *(***)	<sup>(3)</sup>	0,777	303
8 Upright freezer	2,15 <sup>(2)</sup>	0,472	286
9 Chest freezer	2,15 <sup>(2)</sup>	0,446	181
10 Multi-door or other appliances	<sup>(3)</sup>	<sup>(4)</sup>	<sup>(4)</sup>

<sup>(1)</sup> For refrigerator chillers the adjusted volume = net volume of fresh food compartment +  $\Omega \times$  net volume of chiller (10°C) compartment (expressed in litres).

<sup>(2)</sup> For 'no frost' appliances as defined in Schedule II point 10, this index is increased by a provisional factor of 1.2, giving a value of 2.58. (This allows for the possible bias of the measurement method, which does not allow for the lack of ice build up on 'no frost' appliances. In practical use ice build up will somewhat increase the consumption of 'conventional' appliances.)

<sup>(3)</sup> Adjusted net volume AV is calculated by the formula:

$$AV = \sum \frac{(25 - T_c)}{20} \times V_e \times F_e$$

all compartments

Where TC is design temperature (in °C) of each compartment, VC is the net volume (in litres) of each compartment, and FC is a factor which equals 1.2 for 'no frost' compartments and 1 for other compartments.

<sup>(4)</sup> For these appliances the values of M and N will be determined by the temperature and star rating of the compartment with the lowest temperature, as follows:

Temperature of coldest compartment	Equivalent Class	M	N
> - 6°C	1/2/3 Larder Fridge/ no star refrigerator/ refrigerator chiller	0.233	245
≤ - 6°C *	4 Refrigerator *	0.643	191
≤ - 12°C **	5 Refrigerator **	0.450	245
≤ - 18°C ***	6 Refrigerator ***/	0.647	235
≤ - 18°C *(***) with freezing capacity	7 Fridge-freezer *(***)	0.777	303