

This document is meant purely as a documentation tool and the institutions do not assume any liability for its contents

► B

COMMISSION DIRECTIVE 2002/31/EC

of 22 March 2002

implementing Council Directive 92/75/EEC with regard to energy labelling of household air-conditioners

(Text with EEA relevance)

(OJ L 86, 3.4.2002, p. 26)

Corrected by:

► C1 Corrigendum, OJ L 34, 11.2.2003, p. 30 (2002/31/EC)



**COMMISSION DIRECTIVE 2002/31/EC
of 22 March 2002**

**implementing Council Directive 92/75/EEC with regard to energy
labelling of household air-conditioners**

(Text with EEA relevance)

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Community,

Having regard to 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 ⁽¹⁾, and in particular Articles 9 and 12 thereof,

Whereas:

- (1) Directive 92/75/EEC requires the Commission to adopt implementing Directives in respect of various household appliances, including air-conditioners.
- (2) Electricity use by air-conditioners accounts for a significant part of total Community household energy demand. The scope for reduced energy use by these appliances is substantial.
- (3) Harmonised standards are technical specifications adopted by the European standardisation bodies, as referred to in Annex I to Directive 98/34/EC of the European Parliament and of the Council of 22 June 1998, laying down a procedure for the provision of information in the field of technical standards and regulations ⁽²⁾, as amended by Directive 98/48/EC ⁽³⁾, and in accordance with the general guidelines for cooperation between the Commission and those bodies signed on 13 November 1984 as amended.
- (4) Information concerning noise emissions should be given where required by Member States pursuant to Council Directive 86/594/EEC of 1 December 1986 on airborne noise emitted by household appliances ⁽⁴⁾.
- (5) The measures provided for in this Directive are in accordance with the opinion of the Committee set up under Article 10 of Directive 92/75/EEC,

HAS ADOPTED THIS DIRECTIVE:

Article 1

This Directive shall apply to electric mains operated household air-conditioners as defined in the European standards EN 255-1, EN 814-1 or the harmonised standards referred to in Article 2.

It shall not apply to the following appliances:

- appliances that can also use other energy sources,
- air-to-water and water-to-water appliances,
- units with an output (cooling power) greater than 12 kW.

Article 2

1. The information required by this Directive will be obtained by measurements made in accordance with harmonised standards adopted by the European Committee for Standardisation (CEN) 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*

⁽¹⁾ OJ L 297, 13.10.1992, p. 16.

⁽²⁾ OJ L 204, 21.7.1998, p. 37.

⁽³⁾ OJ L 217, 5.8.1998, p. 18.

⁽⁴⁾ OJ L 344, 6.12.1986, p. 24.

▼B

the European Communities and for which Member States have published the reference numbers of the national standards transposing those harmonised standards.

The provisions in Annexes I, II and III to this Directive 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.

2. In this Directive expressions used have the same meaning as in Directive 92/75/EEC.

Article 3

1. The technical documentation referred to in Article 2(3) of Directive 92/75/EEC shall include:

- (a) the name and address of the supplier;
- (b) a general description of the model, sufficient for it to be uniquely and easily 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;
- (d) reports of relevant measurement tests carried out under the test procedures of the harmonised standards referred to in Article 2(1) of this Directive;
- (e) operating instructions, if any.

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 the mathematical model for calculating performance of split systems, and of measurements taken to verify this model).

2. The label referred to in Article 2(1) of Directive 92/75/EEC shall be as specified in Annex I to this Directive.

The label 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.

3. The content and format of the fiche referred to in Article 2(1) of Directive 92/75/EEC shall be as specified in Annex II to this Directive.

4. 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 Annex III to this Directive.

5. The energy efficiency class of an appliance shall be determined in accordance with Annex IV.

Article 4

As a transitional measure, Member States shall permit, until 30 June 2003, the placing on the market, the commercialisation and/or the display of products and the distribution of communications referred to in Article 3(4) which do not conform with this Directive.

Article 5

1. Member States shall adopt and publish, before 1 January 2003, the provisions necessary to comply with this Directive. They shall forthwith inform the Commission thereof.

They shall apply those provisions with effect from 1 January 2003.

▼B

2. When Member States adopt those provisions, they shall contain a reference to this Directive or be accompanied by such a reference on the occasion of their official publication. Member States shall determine how such reference is to be made.

3. Member States shall communicate to the Commission the provisions of national law which they adopt in the field covered by this Directive.

Article 6

This Directive shall enter into force on the 20th day following its publication in the *Official Journal of the European Communities*.

Article 7

This Directive is addressed to the Member States.

▼B

ANNEX I

THE LABEL

Label design

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

▼B

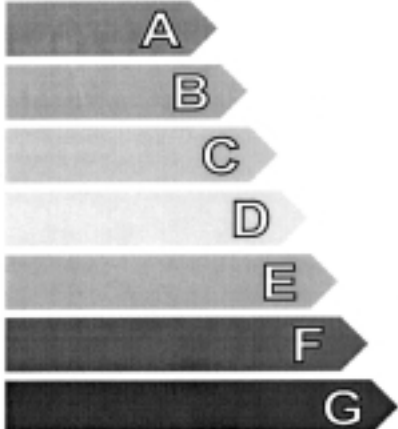



Label for cooling only appliances — Label 1

Energy		Air-conditioner	
Manufacturer		Logo	
Outside unit		ABC 123	
Inside unit		ABC 123	
More efficient			
A			
B			
C			
D			
E			
F			
G			
Less efficient			
Annual energy consumption, kWh in cooling mode		X.Y	
<small>(Actual consumption will depend on how the appliance is used and climate)</small>			
Cooling output kW		X.Y	
Energy efficiency ratio		X.Y	
<small>Full load (the higher the better)</small>			
Type	Cooling only	—	←
	Cooling + Heating	—	
	Air cooled	—	←
	Water cooled	—	
Noise (dB(A) re 1 pW)			
Further information is contained in product brochures			
<small>Norm EN XYZ Air-conditioner Energy Label Directive 2002/31/EC</small>			

►⁽¹⁾cl

▼B

Label for cooling/heating appliances — Label 2

Energy		Air-conditioner	
Manufacturer Outside unit Inside unit		Logo ABC 123 ABC 123	
More efficient 			
Less efficient			
Annual energy consumption, kWh in cooling mode <small>(Actual consumption will depend on how the appliance is used and climate)</small>		X.Y	
Cooling output kW		X.Y	
Energy efficiency ratio <small>Full load (the higher the better)</small>		X.Y	
Type			
Cooling only	—		
Cooling + Heating	—	←	
Air cooled	—	←	
Water cooled	—		
Heat output kW		X.Y	
Heating performance <small>A: higher G: lower</small>		A B C D E F G	
Noise <small>(dB(A) re 1 pW)</small>			
Further information is contained in product brochures			
<small>►¹⁹Norm EN XYZ◄ Air-conditioner Energy Label Directive 2002/31/EC</small>			

►¹⁹C1

▼B

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

Note

- I. Supplier's name or trade mark.
- II. Supplier's model identifier.
For 'split and multi-split units', the model identifier of the indoor and of the outdoor elements of the combination to which the figures quoted below apply.
- III. The energy efficiency class of the model, or combination, determined, in accordance with Annex IV. The head of the arrow containing this indicator letter shall be placed at the same level as the head of the relevant arrow.
The height of the arrow containing the indicator letter shall not be less than — and not more than twice — the height of the classes arrows.
- 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 ⁽¹⁾, a copy of the eco-label may be added here.
- V. The indicative annual energy consumption calculated with the total input power as defined in the harmonised standards referred to in Article 2 multiplied by an average of 500 hours per year in cooling mode at full load, determined in accordance with the test procedures of the harmonised standards referred to in Article 2 (conditions T1 'moderate').
- VI. The cooling output defined as the cooling capacity in kW of the appliance in cooling mode at full load, determined in accordance with the test procedures of the harmonised standards referred to in Article 2 (conditions T1 'moderate').
- VII. The EER (energy efficiency ratio) of the appliance in cooling mode at full load, determined in accordance with the test procedures of the harmonised standards referred to in Article 2 (conditions T1 'moderate').
- VIII. The type of appliance: cooling only, cooling/heating. This indicator arrow shall be placed at the same level as the relevant type.
- IX. The cooling mode: air cooled, water cooled.
This indicator arrow shall be placed at the same level as the relevant type.
- X. Only for appliances with heating capability (label 2) the heat output defined as the heating capacity in kW of the appliance in heating mode at full load, determined in accordance with the test procedures of the harmonised standards referred to in Article 2 (conditions T1 + 7C).
- XI. Only for appliances with heating capability (label 2) the heating mode energy efficiency class in accordance with Annex IV, expressed on a scale of A (higher) to G (lower), determined in accordance with the test procedures of the harmonised standards referred to in Article 2 (conditions T1 + 7C). If the appliance heating capability is provided by a resistive element then the COP (coefficient of performance) shall have the value of 1.
- XII. Where applicable, noise during standard function, determined in accordance with Directive 86/594/EEC.

NB:

The equivalent terms in other languages to those given above are set out in Annex V.

Printing

3. The following defines certain aspects of the label:

Colours used:

CMYK — cyan, magenta, yellow, black.

⁽¹⁾ OJ L 237, 21.9.2000, p. 1.

▼B

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

Arrows

A X0X0

B 70X0

C 30X0

D 00X0

E 03X0

F 07X0

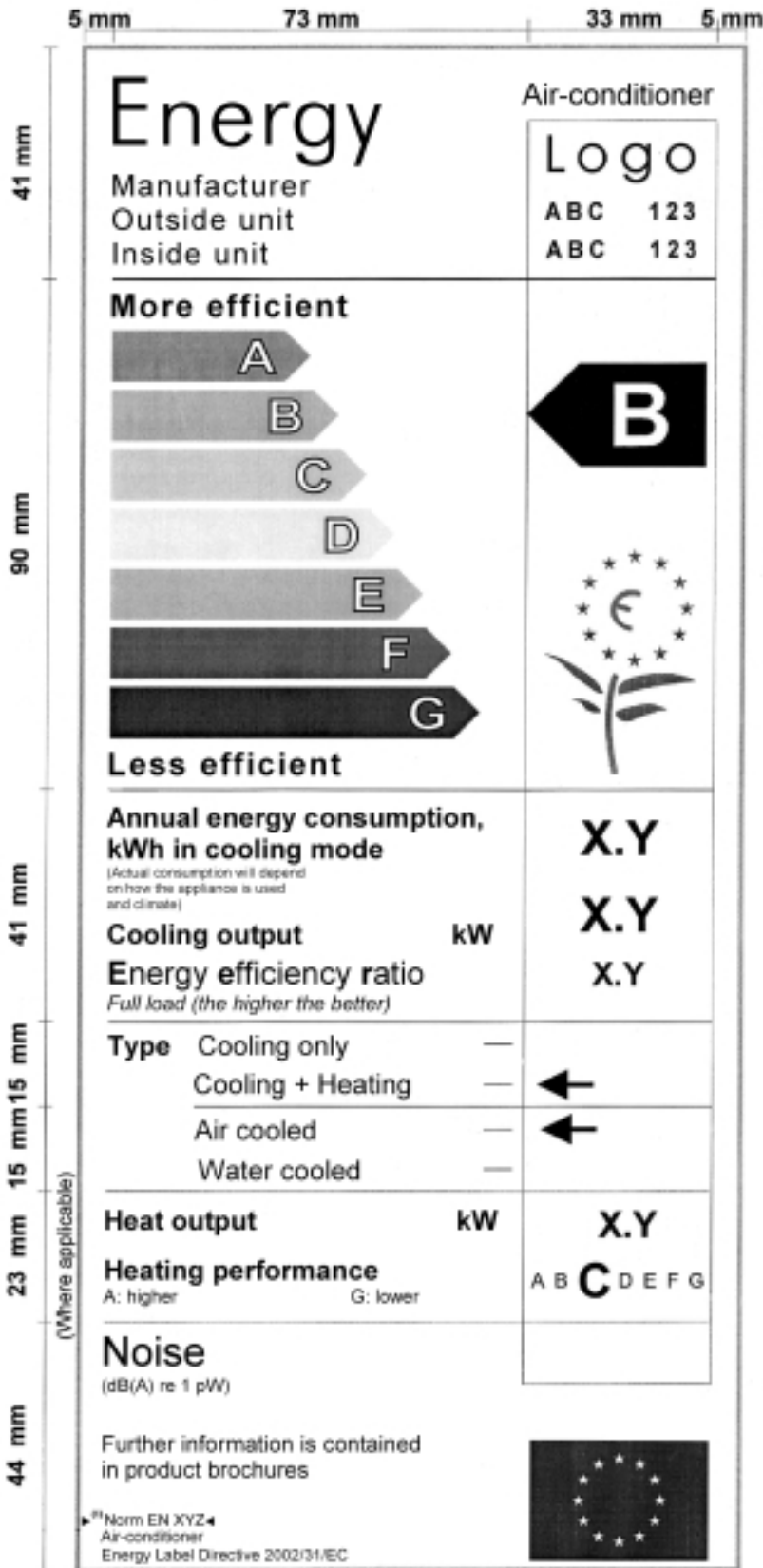
G 0XX0

Outline: colour X070.

The background colour of the energy efficiency class indicator arrow is black.

All text is in black. The background is white.

▼B



▼C1



ANNEX II

THE FICHE

The fiche shall contain the following information. The information may be given in the form of a table covering a number of models 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.
For 'split and multi-split units', the model identifier of the indoor and of the outdoor elements of the combination to which the figures quoted below apply.
3. The energy efficiency class of the model, determined in accordance with Annex IV. Expressed as 'Energy efficiency class on a scale of A (more efficient) to G (less 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 (more efficient) to G (less efficient).
4. 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. This provision is without prejudice to any requirements under the Community eco-label award scheme.
5. The indicative annual consumption of energy based on an average use of 500 h per year, determined in accordance with the test procedures of the harmonised standards referred to in Article 2 (conditions T1 'moderate'), as defined in Annex I, note V.
6. The cooling output defined as the cooling capacity in kW of the appliance in cooling mode at full load, determined in accordance with the test procedures of the harmonised standards referred to in Article 2 (conditions T1 'moderate'), as defined in Annex I, note VI.
7. The EER (energy efficiency ratio) of the appliance in cooling mode at full load, determined in accordance with the test procedures of the harmonised standards referred to in Article 2 (conditions T1 'moderate').
8. The type of appliance: cooling only, cooling/heating.
9. The cooling mode: air cooled, water cooled.
10. Only for appliances with heating capability the heat output defined as heating capacity in kW of the appliance in heating mode at full load, determined in accordance with the test procedures of the harmonised standards referred to in Article 2 (conditions T1 + 7C), as defined in Annex I, note X.
11. Only for appliances with heating capability the heating mode energy efficiency class in accordance with Annex IV, expressed on a scale of A (higher) to G (lower), determined in accordance with the test procedures of the harmonised standards referred to in Article 2 (conditions T1 + 7C), as defined in Annex I, note XI. If the appliance heating capability is provided by a resistive element then the COP (coefficient of performance) shall have the value of 1.
12. Where applicable, noise during standard function, determined in accordance with Directive 86/594/EEC.
13. Suppliers may include in addition the information in points 5 to 8 in respect of other test conditions determined in accordance with the test procedures of the harmonised standards referred to in Article 2.

If a copy of the label, either in colour or black and white is included in the fiche, then only the further information needs to be added.

NB:

The equivalent terms in other languages to those given above are set out in Annex V.

▼B

ANNEX III

MAIL ORDER AND OTHER DISTANCE SELLING

Mail order catalogues, communications, written offers, advertisements on the Internet or on other electronic media referred to in Article 3(4) shall contain the following information, given in the order specified:

[As in Annex II]

NB:

The equivalent terms in other languages to those given above are set out in Annex V.



ANNEX IV

CLASSIFICATION

1. The energy efficiency class is then determined in accordance with the following tables: where the EER (energy efficiency ratio) is determined in accordance with the test procedures of the harmonised standards referred to in Article 2 at conditions T1 'moderate'.

Table 1 — Air-cooled air-conditioners

Table 1.1

Energy efficiency class	Split and multi-split appliances
A	$3,20 < \text{EER}$
B	$3,20 \geq \text{EER} > 3,00$
C	$3,00 \geq \text{EER} > 2,80$
D	$2,80 \geq \text{EER} > 2,60$
E	$2,60 \geq \text{EER} > 2,40$
F	$2,40 \geq \text{EER} > 2,20$
G	$2,20 \geq \text{EER}$

Table 1.2

Energy efficiency class	Packaged ⁽¹⁾
A	$3,00 < \text{EER}$
B	$3,00 \geq \text{EER} > 2,80$
C	$2,80 \geq \text{EER} > 2,60$
D	$2,60 \geq \text{EER} > 2,40$
E	$2,40 \geq \text{EER} > 2,20$
F	$2,20 \geq \text{EER} > 2,00$
G	$2,00 \geq \text{EER}$

⁽¹⁾ Packaged 'double ducts' units (known commercially as 'double ducts') defined as 'Air conditioner completely positioned inside the conditioned space, with the condenser air intake and air discharge connected to the outside by means of two ducts', will be classified according to Table 1.2 with a correction factor of - 0,4.

Table 1.3

Energy efficiency class	Single-duct
A	$2,60 < \text{EER}$
B	$2,60 \geq \text{EER} > 2,40$
C	$2,40 \geq \text{EER} > 2,20$
D	$2,20 \geq \text{EER} > 2,00$
E	$2,00 \geq \text{EER} > 1,80$

▼B

Energy efficiency class	Single-duct
F	$1,80 \geq \text{EER} > 1,60$
G	$1,60 \geq \text{EER}$

Table 2 — Water-cooled air-conditioners*Table 2.1*

Energy efficiency class	Split and multi-split appliances
A	$3,60 < \text{EER}$
B	$3,60 \geq \text{EER} > 3,30$
C	$3,30 \geq \text{EER} > 3,10$
D	$3,10 \geq \text{EER} > 2,80$
E	$2,80 \geq \text{EER} > 2,50$
F	$2,50 \geq \text{EER} > 2,20$
G	$2,20 \geq \text{EER}$

Table 2.2

Energy efficiency class	Packaged
A	$4,40 < \text{EER}$
B	$4,40 \geq \text{EER} > 4,10$
C	$4,10 \geq \text{EER} > 3,80$
D	$3,80 \geq \text{EER} > 3,50$
E	$3,50 \geq \text{EER} > 3,20$
F	$3,20 \geq \text{EER} > 2,90$
G	$2,90 \geq \text{EER}$

2. The heating mode energy efficiency class is then determined in accordance with the following tables:

where COP (coefficient of performance) is determined in accordance with the test procedures of the harmonised standards referred to in Article 2 at conditions T1 + 7C.

Table 3 — Air-cooled air-conditioners — heating mode*Table 3.1*

Energy efficiency class	Split and multi-split appliances
A	$3,60 < \text{COP}$
B	$3,60 \geq \text{COP} > 3,40$
C	$3,40 \geq \text{COP} > 3,20$

▼B

Energy efficiency class	Split and multi-split appliances
D	$3,20 \geq \text{COP} > 2,80$
E	$2,80 \geq \text{COP} > 2,60$
F	$2,60 \geq \text{COP} > 2,40$
G	$2,40 \geq \text{COP}$

Table 3.2

Energy efficiency class	Packaged ⁽¹⁾
A	$3,40 < \text{COP}$
B	$3,40 \geq \text{COP} > 3,20$
C	$3,20 \geq \text{COP} > 3,00$
D	$3,00 \geq \text{COP} > 2,60$
E	$2,60 \geq \text{COP} > 2,40$
F	$2,40 \geq \text{COP} > 2,20$
G	$2,20 \geq \text{COP}$

⁽¹⁾ Packaged 'double ducts' units (known commercially as 'double ducts') defined as 'Air conditioner completely positioned inside the conditioned space, with the condenser air intake and air discharge connected to the outside by means of two ducts', will be classified according to Table 3.2 with a correction factor of - 0,4.

Table 3.3

Energy efficiency class	Single-duct
A	$3,00 < \text{COP}$
B	$3,00 \geq \text{COP} > 2,80$
C	$2,80 \geq \text{COP} > 2,60$
D	$2,60 \geq \text{COP} > 2,40$
E	$2,40 \geq \text{COP} > 2,10$
F	$2,10 \geq \text{COP} > 1,80$
G	$1,80 \geq \text{COP}$

Table 4 — Water-cooled air-conditioners — heating mode

Table 4.1

Energy efficiency class	Split and multi-split appliances
A	$4,00 < \text{COP}$
B	$4,00 \geq \text{COP} > 3,70$
C	$3,70 \geq \text{COP} > 3,40$
D	$3,40 \geq \text{COP} > 3,10$

▼B

Energy efficiency class	Split and multi-split appliances
E	$3,10 \geq \text{COP} > 2,80$
F	$2,80 \geq \text{COP} > 2,50$
G	$2,50 \geq \text{COP}$

Table 4.2

Energy efficiency class	Packaged
A	$4,70 < \text{COP}$
B	$4,70 \geq \text{COP} > 4,40$
C	$4,40 \geq \text{COP} > 4,10$
D	$4,10 \geq \text{COP} > 3,80$
E	$3,80 \geq \text{COP} > 3,50$
F	$3,50 \geq \text{COP} > 3,20$
G	$3,20 \geq \text{COP}$

ANNEX V

TRANSLATION OF TERMS TO BE USED IN THE LABEL AND FICHE

The equivalent in other Community languages of the terms in English given above are as follows:

Note Label Annex I	Fiche and mail order Annexes II and III	ES	DA	DE	EL	EN	FR	IT	NL	PT	FI	SV
⊙		Energía	Energi	Energie	Ενέργεια	Energy	Énergie	Energia	Energie	Energia	Energia	Energi
I	1	Fabricante	Mærke	Hersteller	Προμηθευτής	Manufacturer	Fabricant	Costruttore	Fabrikant	Fabricante	Tavarantoi-mittäjä	Leverantör
II	2	Modelo	Model	Modell	Μοντέλο	Model	Modèle	Modello	Model	Modelo	Malli	Modell
II	2	Unidad exterior	Udendør-senhed	Außengerät	Εξωτερική μονάδα	Outside unit	Unité exté-rieure	Unità esterna	Buitenap-paraat	Unidade exterior	Ulkoyksikkö	Utomhusenhet
II	2	Unidad interior	Indendør-senhed	Innengerät	Εσωτερική μονάδα	Inside unit	Unité inté-rieure	Unità interna	Binnenap-paraat	Unidade interior	Sisäyksikkö	Inomhusenhet
⊙		Más eficiente	Lavt forbrug	Niedriger Verbrauch	Πιο αποδο-τικός	More effi-cient	Économe	Bassi consumi	Efficient	Mais eficiente	Vähän kulut-tava	► CI Låg förbrukning ▼

Note Label Annex I	Fiche and order Annexes II and III	ES	DA	DE	EL	EN	FR	IT	NL	PT	FI	SV
⊗		Menos eficiente	Højt forbrug	Hoher Verbrauch	Λιγότερο αποδοτικό	Less efficient	Peu économe	Alti consumi	Inefficiënt	Menos eficiente	Paljon kultuttava	►C1 Hög förbrukning ▼
	3	Clase de eficiencia energética ... en una escala que abarca de A (más eficiente) a G (menos eficiente)	Relativt energiforbrug ... på skalaen A (lavt forbrug) til G (højt forbrug)	Energieeffizienzklasse ... auf einer Skala von A (niedriger Verbrauch) bis G (hoher Verbrauch)	Τάξη ενεργειακής απόδοσης ... σε μια κλίμακα από το Α (πιο αποδοτικό) έως το Γ (λιγότερο αποδοτικό)	Energy efficiency class ... on a scale of A (more efficient) to G (less efficient)	Classement selon son efficacité énergétique ... sur une échelle (économique) à G (peu économe)	Classe di efficienza energetica ... su una scala da A (bassi consumi) a G (alti consumi)	Energie-efficiëntieklasse ... op een schaal van A (efficiënt) tot G (inefficiënt)	Clase de eficiência energética ... numa escala de A (mais eficiente) a G (menos eficiente)	Energieeffektiviteitsklasse ... op een schaal van A (hög förbrukning) till G (låg förbrukning) ▼	►C1 Hög förbrukning ▼
V	5	Consumo de energía anual kWh en modo refrigeración	Energiforbrug/år kWh ved køling	Jährlicher Energieverbrauch kWh im Kühlbetrieb	Ετήσια καταναλωσόμενη ενέργεια kWh για λειτουργία ψύξης	Annual energy consumption kWh in cooling mode	Consommation annuelle d'énergie kWh en mode refroidissement	Consumo annuo di energia kWh in modalità raffreddamento	Jaarlijks energieverbruik kWh in koelstand	Consumo anual de energia kWh no modo de arrefecimento	Vuotuinen energiankulutus kWh jäähdytystoiminnolla	Årlig energiförbrukning i kyläge kWh
V	5	El consumo efectivo dependerá del clima y del uso del aparato	Det faktiske energiforbrug vil bero på brugen af anlægget og vejrforhold	Der tatsächliche Energieverbrauch hängt von der Verwendung des Geräts sowie von den Klimabedingungen ab	Η πραγματική καταναλωσόμενη από τον τρόπο χρήσης της συσκευής και τις κλιματικές συνθήκες	Actual consumption will depend on how the appliance is used and climate	La consommation réelle dépend de la manière dont l'appareil est utilisé et du climat	Il consumo effettivo dipende dal clima e dalle modalità d'uso dell'apparecchio	Feitelijk verbruik afhankelijk van de wijze van gebruik van het apparaat en het klimaat	O consumo real de energia dependerá das condições de utilização do aparelho e do clima	Todellinen kulutus riippuu lämpötilasta ja ilmastosta	Den faktiska förbrukningen beror på hur maskinen används och på klimatet
VI	6	Potencia de refrigeración	Køleeffekt	Kühlleistung	Ισχύς ψύξης	Cooling output	Puissance frigorifique	Potenza refrigerante	Koelvermogen	Potência de arrefecimento	Jäähdytysteho	Kyleffekt

Note Label Annex I	Fiche and mail order Annexes II and III	ES	DA	DE	EL	EN	FR	IT	NL	PT	FI	SV
VII	7	Índice de eficiencia energética con carga completa	Energieeffektivitetskvotient ved fuld belastning	Energieeffizienzgröße bei Volllast	Βαθμός ενεργειακής απόδοσης υπό πλήρες φορτίο	Energy efficiency ratio (EER) at full load	Niveau de rendement énergétique à pleine charge	Indice di efficienza elettrica a pieno regime	Energie-efficiëntieverhouding volle belasting	Índice de eficiência energética (EER) a plena carga	Energiatsekkivien tyyppi	Energieeffektivitetskvot på högsta kyläge
VII	7	Cuanto mayor, mejor	Høj værdi betyder bedre effektivitet	Je höher, desto besser	Όσο υψηλότερο τόσο καλύτερο	The higher the better	Doit être le plus élevé possible	La più elevata possibile	Hoe hoger hoe beter	Deve ser o mais elevado possível	Mitä korkeampi, sen parempi	Ju högre desto bättre
VIII	8	Tipo	Type	Typ	Τύπος	Size	Type	Tipo	Type	Tipo	Tyyppi	Type
VIII	8	Sólo refrigeración	Køling	Nur Kühlfunktion	Μόνο ψύξη	Cooling only	Refrroidissement seulement	Solo raffreddamento	Alleen koeling	Só arrefecimento	Pelkkä jäähdytys	Endast kylning
VIII	8	Refrigeración/calefacción	Køling/opvarmning	Kühlfunktion/Heizfunktion	Ψύξη/θέρμανση	Cooling/heating	Refrroidissement/chauffage	Raffreddamento/riscaldamento	Koeling/verwarming	Arrefecimento/aquecimento	Jäähdytys/lämmitys	Kylning och uppvärmning
IX	9	Refrigerado por aire	Luftkølet	Luftkühlung	Αερόψυκτο	Air cooled	Refrroidissement par air	Raffreddamento ad aria	Luchtgekoeld	Arrefecimento a ar	Ilmajäähdytinen	Luftkyld
IX	9	Refrigerado por agua	Vandkølet	Wasserkühlung	Υδροψυκτο	Water cooled	Refrroidissement par eau	Raffreddamento ad acqua	Watergekoeld	Arrefecimento a água	Vesijäähdytinen	Vattenkyld
X	10	Potencia térmica	Opvarmningseffekt	Heizleistung	Ισχύς θέρμανσης	Heat output	Puissance de chauffage	Potenza di riscaldamento	Verwarmingsvermogen	Potência calorífica	Lämmitysteho	Värmeeffekt

Note Label Annex I	Fiche and mail order Annexes II and III	ES	DA	DE	EL	EN	FR	IT	NL	PT	FI	SV
XI	11	Clase de eficiencia energética en modo calefacción: A (más eficiente) G (menos eficiente)	Relativt energiforbrug til opvarmning: A (lavt forbrug) G (højt forbrug)	Energieffizienzklasse der Heizfunktion: A (niedriger Verbrauch) G (hoher Verbrauch)	► C1 Ενεργειακή απόδοση της λειτουργίας θέρμανσης A: υψηλή G: χαμηλή ▼	Heating performance: A (more efficient) G (less efficient)	Performance énergétique en mode de chauffage: A (économe) G (peu économe)	Efficienza energetica in modalità riscaldamento: A (bassi consumi) G (alti consumi)	Energie-efficiëntieklasse in de verwarmingsstand: A (efficiënt) G (inefficiënt)	Eficiência energética no modo de aquecimento: A (mais eficiente) G (menos eficiente)	Energiategohokkuusluokka asteikkolla: A (vähän kuluttava) G (paljon kuluttava)	► C1 Energieeffektivitetsklass för uppvärmningsläget: A (låg forbrukning) G (hög forbrukning) ▼
XII	12	Ruido [dB(A) re 1 pW]	Lydeffektniveau dB(A) (Støj)	Geräusch (dB(A) re 1 pW)	Θόρυβος [dB(A) ανά 1 pW]	Noise (dB(A) re 1 pW)	Bruit [dB(A) re 1 pW]	Rumore [dB(A) re 1 pW]	Geluidsniveau dB(A) re 1 pW	Nível de ruído dB(A) re 1 pW	Ääni (dB(A) re 1 pW)	Buller dB(A)
⊙		Ficha de información detallada en los folletos del producto	Brochurerne om produkter indeholder yderligere oplysninger	Ein Datenblatt mit weiteren Geräteeangaben ist in den Prospekten enthalten	Περισότερες πληροφορίες στο ενημερωτικό φυλλάδιο	Further information is contained in product brochures	Une fiche d'information détaillée figure dans la brochure	Gli opuscoli illustrativi contengono una scheda particolareggiata	Een kaart met nadere gegevens is opgenomen in de brochures over het apparaat	Ficha pormenorizada no folheto do produto	Tuote-esitteissä on lisätietoja	Produktbroshyren innehåller ytterligare information
⊙		Norma ► C1 EN XYZ ▼	Standard: ► C1 EN XYZ ▼	Norm ► C1 EN XYZ ▼	Πρότυπο ► C1 EN XYZ ▼	Norm ► C1 EN XYZ ▼	Norme ► C1 EN XYZ ▼	Norma ► C1 EN XYZ ▼	Norm ► C1 EN XYZ ▼	Norma ► C1 EN XYZ ▼	Standardi ► C1 EN XYZ ▼	Standard ► C1 EN XYZ ▼
⊙		Acondicionador de aire	Klimaapparat	Raumklimagerät	Κλιματιστικός	Air-conditioner	Climatiseur	Condizionatore d'aria	Airconditioner	Aparelho de ar condicionado	Ilmastointilaitte	Luftkonditioneringsapparat

Note Label Annex I	Fiche and mail order Annexes II and III	ES	DA	DE	EL	EN	FR	IT	NL	PT	FI	SV
⊗		Directiva 2002/31/CE sobre etiquetado energético	►C1 Direktiv 2002/31/EF om energimærkning ▼	Richtlinie Energieeffizientierung 2002/31/EG	Οδηγία 2002/31/EK για την επισήμανση της ενεργειακής απόδοσης	Energy label Directive 2002/31/EC	Directive relative à l'étiquetage énergétique 2002/31/CE	Direttiva 2002/31/CE Etichettatura energetica	Richtlijn 2002/31/EG (Energie-etikettering)	Directiva 2002/31/CE relativa à etiquetagem energética	Energiamerkitäydirektiivi 2002/31/EY	Direktiv 2002/31/EG om energimärkning
	11	Clase de eficiencia energética modo calefacción	Relativt energiforbrug til opvarmning	Energieeffizienzklasse der Heizfunktion	Τάξη ενεργειακής απόδοσης λειτουργίας θέρμανσης	Heating mode energy efficiency class	Classe d'efficacité énergétique mode chauffage	Classe di efficienza energetica in modalità riscaldamento	Verwarmingsstand energie-efficiëntieklasse	Classe de eficiência energética no modo de aquecimento	Lämmitystoiminnon energiatehokkuusluokka	Energieeffektivitetsklass för uppvärmningsslaget