

## Directive 96/60/EC of 19 September 1996 implementing Directive 92/75/EEC with regard to energy labelling of household combined washer-driers

Incorporated and adapted by Ministerial Council Decision 2010/02/MC-EnC of 24 September 2010 amending decision 2009/05/MC-EnC of 18 December 2009 on the implementation of certain Directives on Energy Efficiency.

*The adaptations made by Ministerial Council Decision 2010/02/MC-EnC are highlighted in bold and blue.*

Whereas electricity use by combined washer-driers accounts for a significant part of total Community energy demand; whereas the scope for reduced energy use by these appliances is substantial;

Whereas a better washing performance often requires a higher consumption of water and energy; whereas information on the washing performance of an appliance is helpful in evaluating the information on its energy and water consumption; whereas this will help consumers make a choice of appliance which is consistent with the rational use of energy;

Whereas the Community, confirming its interest in an international standardization system capable of producing standards that are actually used by all partners in international trade and of meeting the requirements of Community policy, invites the European standards organizations to continue their cooperation with international standards organizations;

Whereas the European Committee for Standardization (CEN) and the European Committee for Electrotechnical Standardization (Cenelec) are the bodies recognized as competent to adopt harmonized standards in accordance with the general guidelines for cooperation between the Commission and these two bodies signed on 13 November 1984; whereas, within the meaning of this Directive, a harmonized standard is a technical specification (European standard or harmonization document) adopted by Cenelec, on the basis of a remit (mandate) from the Commission in accordance with the provisions of Council Directive 83/189/EEC of 28 March 1983 laying down a procedure for the provision of information in the field of technical standards and regulations, as last amended by Commission Decision 96/139/EEC, and on the basis of those general guidelines;

Whereas 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,

### Article 1

1. This Directive shall apply to electric mains operated household combined washer-driers. Appliances that can also use other energy sources are excluded.
2. The information required by this Directive shall be measured in accordance with harmonized standards, the reference numbers of which have been published in the Official Journal of the European Communities and for which **Contracting Parties** have published the reference numbers of the national standards transposing those harmonized standards. Throughout this Directive any provisions requiring the giving of information relating to noise shall apply only where that information is required pursuant to Article 3 of Council Directive 86/594/EEC (4). This information, where required, shall be measured in accordance with that Directive.

3. The harmonized standards referred to in paragraph 2 shall be drawn up under mandate from the Commission in accordance with Directive 83/189/EEC.

4. In this Directive, except where the context otherwise requires, expressions used have the same meaning as in Directive 92/75/EEC.

## **Article 2**

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

- the name and address of the supplier,
- a general description of the model, sufficient for it to be uniquely identified,
- information, including drawings as relevant, on the main design features of the model and in particular items which appreciably affect its energy consumption,
- reports of relevant measurement tests carried out on the model under the test procedures of the harmonized standards referred to in Article 1 (2) of this Directive,
- operating instructions, if any.

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. In the circumstances covered by Article 5 of Directive 92/75/EEC, and where the offer for sale, hire or hire purchase is provided by means of a printed communication, such as a mail order catalogue, then that printed communication shall include all the information specified in Annex III to this Directive.

5. The energy efficiency class of an appliance, and its washing performance class, shall be as determined in accordance with Annex IV.

## **Article 3**

**Contracting Parties** shall take all necessary measures to ensure that all suppliers and dealers established in their territory fulfil their obligations under this Directive.

## **Article 4**

**1. The Contracting Parties shall implement this Directive by 31 December 2011.**

However, **Contracting Parties** shall, until **30 June 2012**, permit:

- the placing on the market, the commercialization and/or the display of products and
- the distribution of printed communications referred to in Article 2 (4) which do not conform with this Directive.

When **Contracting Parties** adopt these provisions, these shall contain a reference to this Directive or shall be accompanied by such reference at the time of their official publication. The procedure for such reference shall be adopted by **Contracting Parties**.

2. **Contracting Parties** shall communicate to the **Secretariat** the text of the provisions of national law which they adopt in the field covered by this Directive.

### **Article 5 and 6<sup>1</sup>**

**This Decision [2010/02/MC-EnC] enters into force upon its adoption and is addressed to the Contracting Parties.**

### **Article 2(5) of Decision 2010/02/MC-EnC**

**The Secretariat shall monitor and review the implementation of [this] Directive ... and shall submit a progress report to the Permanent High Level Group by 30 June 2012.**

*This Directive will be repealed and new provisions laid down by Delegated Regulation, upon proposal by European Commission and adoption by Ministerial Council of the Energy Community*

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<sup>1</sup> The text displayed here corresponds to Article 3 of Decision 2010/02/MC-EnC.

## ANNEX I The label

### Label design

1. The label shall be the appropriate language version, chosen from the following illustration

<b>Energy</b>		<b>Washer-drier</b>	
Manufacturer		g o g o	I
Model		ABC 123	II
<b>More efficient</b>			
	<b>A</b>		
	<b>B</b>		III
	<b>C</b>		
	<b>D</b>		
	<b>E</b>		
	<b>F</b>		IV
	<b>G</b>		
<b>Less efficient</b>			
Energy consumption kWh <small>(to wash and dry a full capacity wash load at 60 °C)</small>		<b>X.YZ</b>	V
Washing (only) kWh <small>Actual energy consumption will depend on how the appliance is used</small>		<b>X.YZ</b>	VI
Washing performance <small>A: higher G: lower</small>		A B <b>C</b> D E F G	VII
Spin speed (rpm)		1 100	VIII
Capacity (cotton) kg	Washing	<b>y.z</b>	IX
	Drying	<b>y.z</b>	X
Water consumption (total) l		<b>yx</b>	XI
Noise (dB(A) re 1 pW)	Washing	<b>xyz</b>	
	Spinning	<b>xyz</b>	
	Drying	<b>xyz</b>	XII
Further information is contained in product brochures			
<small>Norm EN 50229 Washer-drier Label Directive No 96/60/EC</small>			

Notes concerning the 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 the model, determined in accordance with Annex IV. This indicator 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 'Community Eco-label' pursuant to Council Regulation (EEC) No 880/9<sup>1</sup>, a copy of the Eco-label may be added here. The 'washer-drier label design guide' referred to below, explains how the Eco-label may be included in the label.

V. Energy consumption in kWh per complete operating (washing, spinning and drying) cycle using standard 60° C cotton cycle, and 'dry cotton' drying cycle, determined in accordance with the test procedures of the harmonized standards referred to in Article 1 (2).

VI. Energy consumption in kWh per washing (washing and spinning only) cycle using standard 60° C cotton cycle, determined in accordance with the test procedures of the harmonized standards referred to in Article 1 (2).

VII. Washing performance class determined in accordance with Annex IV.

VIII. Maximum spin speed attained for standard 60° C cotton cycle, determined in accordance with the test procedures of the harmonized standards referred to in Article 1 (2).

IX. Capacity (in kg) of appliance for standard 60° C cotton cycle (without drying), determined in accordance with the harmonized standards referred to in Article 1 (2).

X. Capacity (in kg) of appliance for 'dry cotton' (drying) cycle, determined in accordance with the harmonized standards referred to in Article 1 (2).

XI. Water consumption, in litres, per complete operating (washing, spinning and drying) cycle using standard 60° C cotton washing cycle and 'dry cotton' drying cycle, determined in accordance with the test procedures of the harmonized standards referred to in Article 1 (2).

XII. Where applicable, noise during washing, spinning and drying cycles using standard 60° C cotton washing cycle and 'dry cotton' drying cycle, determined in accordance with Council Directive 86/594/EEC<sup>2</sup>.

Note:

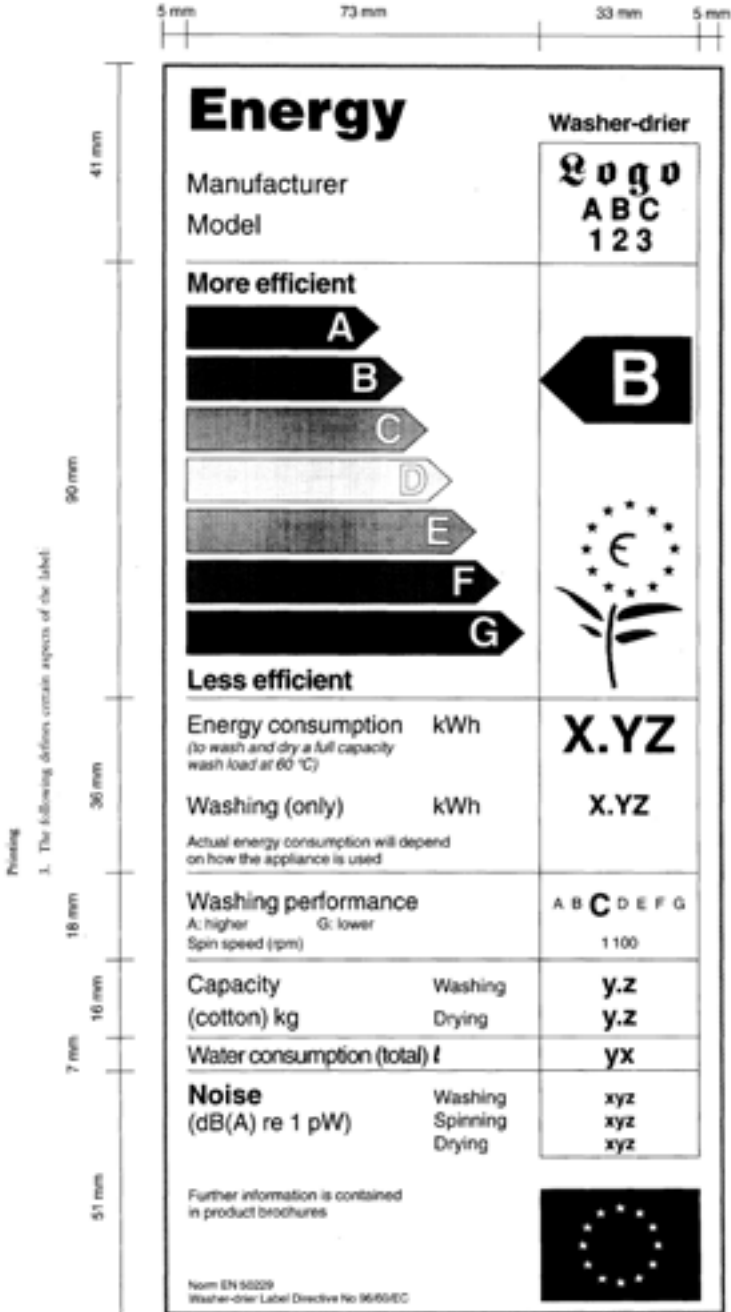
The equivalent terms in other languages to those given above are set out in Annex V.

<sup>1</sup> OJ No L99, 11.4.1992, p. 1.

<sup>2</sup> OJ No L 344, 6.12.1986, p. 24. The relevant noise measurement standards are EN 60704-2-4 for washing and spinning, and EN 60704-2-6 for drying and EN 60704-3.

**Printing**

3. The following defines certain aspects of the label:



Colours used:

CMYK cyan, magenta, yellow, black.

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

Arrows

- A: XOXO

- B: 7OXO

- C: 3OXO

- D: OOXO

- E: 03XO

- F: 07XO

- G: OXXO

Outline colour X070

All text is in black. The background is white.

Complete printing information is contained in a 'Washer-drier energy label design guide', which is for information only, obtainable from:

The Secretary of the Committee on energy labelling and standard product information for household appliances,

Directorate-General Energy XVII,

European Commission,

Rue de la Loi/Wetstraat 200,

B-1049 Brussels.

## **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. The information shall be given in the order specified below unless it is contained in a more general description of the appliance:

1. Supplier's trade mark.
2. Supplier's model identifier.
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 provides 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 'Community Eco-label' pursuant to Regulation (EEC) No 880/92, this information may be included here. In this case the row heading shall state 'Community 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 EU Eco-label scheme.

5. Energy consumption for washing, spinning, and drying in kWh per complete operating cycle as defined in Annex I note V.

6. Energy consumption for washing and spinning only, in kWh per washing cycle as defined in Annex I note VI.

7. Washing performance class determined in accordance with Annex IV. Expressed as 'Washing performance class ... on a scale of A (higher) to G (lower)'. This may be expressed by other means provided it is clear that the scale is from A (higher) to G (lower).

8. Water extraction efficiency for a standard 60° C cotton washing cycle, determined in accordance with the test procedures of the harmonized standards referred to in Article 1 (2). Expressed as 'Water remaining after spin ... % (as a proportion of dry weight of wash)'.

9. Maximum spin speed attained as defined in Annex I note VIII.

10. Washing capacity of appliance for a standard 60° C cotton washing cycle, as defined in Annex I note IX.

11. Drying capacity of appliance for a standard 'dry cotton' drying cycle, as defined in Annex I note X.

12. Water consumption for washing, spinning and drying, in litres per complete operating cycle as defined in Annex I note XI.

13. Water consumption for washing and spinning only, in litres, per standard 60°C cotton washing (and spinning) cycle determined in accordance with the test procedures of the harmonized standards referred to in Article 1 (2).

14. Washing and drying time. Programme time for complete operating cycle (60° C cotton washing and 'dry cotton' drying), for rated washing capacity, determined in accordance with the test procedures of the harmonized standards referred to in Article 1 (2).

15. Suppliers may include information under points 5 to 14 above in respect of other wash and/or drying cycles.

16. The consumption of energy and water equal to 200 times the consumption expressed in points 5 (energy) and 12 (water). This shall be expressed as 'estimated annual consumption for a four-person household, always using the drier (200 cycles)'.

17. The consumption of energy and water equal to 200 times the consumption expressed in points 6 (energy) and 13 (water). This shall be expressed as 'estimated annual consuming for four-person household, never using the drier (200 cycles)'.

18. Where applicable, noise during washing, spinning and drying cycles using standard 60° C cotton washing cycle and 'dry cotton' drying cycle, in accordance with Directive 86/594/EEC.

The information on the label may be given in the form of a representation of the label in colour or in black and white.



Note:

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

### **ANNEX III**

#### **Mail order and other distance selling**

Mail order catalogues and other printed communications referred to in Article 2 (4) shall contain the following information, given in the order specified:

1. Energy efficiency class (Annex 11 point 3)
2. Energy consumption (washing, spinning and drying) (Annex 11 point 5)
3. Energy consumption (washing and spinning only) (Annex 11 point 6)
4. Washing performance class (Annex 11 point 7)
5. Water extraction efficiency (Annex 11 point 8)
6. Maximum spin speed (Annex 11 point 9)
7. Capacity (washing) (Annex 11 point 10)
8. Capacity (drying) (Annex 11 point 11)
9. Water consumption (washing, spinning and drying) (Annex 11 point 12)
10. Water consumption (washing and spinning only) (Annex 11 point 13)
11. Estimated annual consumption for a four-person household, always using the drier (200 cycles) (Annex 11 point 16)
12. Estimated annual consumption for a four-person household, never using the drier (200 cycles) (Annex 11 point 17)
13. Noise, where applicable (Annex 11 point 18)

Where other information contained in the fiche is provided, it shall be in the form specified in Annex 11 and shall be included in the above table in the order required for the fiche.

Note:

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

## ANNEX IV

### Energy efficiency class

The energy efficiency class of an appliance shall be determined in accordance with Table 1:

Table 1

Energy Efficiency class	Energy consumption 'C' in kWh per kg complete operating (washing, spinning and drying) cycle using standard 60°C cotton cycle, and 'dry cotton' drying cycle, determined in accordance with the test procedures of the harmonized standards referred to in Article 1 (2)
A	$C \leq 0.68$
B	$0.68 < C \leq 0.81$
C	$0.81 < C \leq 0.93$
D	$0.93 < C \leq 1.05$
E	$1.05 < C \leq 1.17$
F	$1.17 < C \leq 1.29$
G	$1.29 < C$

The washing performance class of an appliance shall be determined in accordance with Table 2:

Table 2

Washing performance class	Washing standard index 'P' as defined in the harmonized standards referred in Article 1 (2), using a standard 60°C cotton cycle
A	$P > 1.03$
B	$1.03 \geq P > 1.00$
C	$1.00 \geq P > 0.97$
D	$0.97 \geq P > 0.94$
E	$0.94 \geq P > 0.91$
F	$0.91 \geq P > 0.88$
G	$0.88 \geq P$

