

COMMISSION OF THE EUROPEAN COMMUNITIES

COM(78) 358 final
Brussels, 27 July 1978

Proposal for a
COUNCIL DIRECTIVE
on the indication by labelling on the energy consumption
of domestic appliances

COUNCIL DIRECTIVE
applying to electric ovens the Council Directive
labelling energy consumption of domestic
appliances

COMMISSION OF THE EUROPEAN COMMUNITIES

COM(78) 358 final/2

Brussels, 21 August 1978

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COUNCIL DIRECTIVE

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ADDENDUM: ANNEX II

COUNCIL DIRECTIVE

applying to electric ovens the Council Directive
labelling energy consumption of domestic
appliances

The addendum has been inserted.

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1./

EXPLANATORY MEMORANDUM

To reduce the energy consumption of household appliances is one of the objectives pursued by the Commission in the Community programme for the rational use of energy.

According to Member States' estimates these appliances consume around 200,000 GWh a year, i.e. an average of 2,300 kWh per year and per household in the Community.

Taking account of the average specific consumption of power stations, that means 0.5 tonne of oil equivalent (t.o.e.) per household and a total of 44 million t.o.e., i.e. 4.8% of the Community's gross inland consumption.

The savings potential which could be reached in the domestic appliances sector might represent up to 1% of the total energy consumption of the Community ^{in 1990} taking into account a 10% annual renewing rate of the stock of domestic appliances. The information of the consumers by means of labels is one of the measures which will make it possible to reach that goal.

The public must therefore be encouraged, when buying, to consider the energy consumption of the appliances which they feel that they need.

This swing in public demand towards economical, environmentally acceptable appliances is the surest way of prompting industry to continue its efforts to develop appliances which perform the same functions with lower consumption.

On 4 May 1976 the Council adopted a draft recommendation proposed by the Commission on the rational use of energy for electrical household appliances.

This recommendation launched the principle of placing on the appliances a label of standardized form, colour and content, stating as clearly and understandably as possible the energy consumption and main features of the appliances. It was also stated that "compliance with these standards would be ensured in accordance with procedures which do not impede free movement of goods within the Community".

Since then, one Member State has made a labelling system indirectly compulsory as part of its regulations on advertising. Other Member States contemplate the introduction of compulsory or voluntary systems. As these systems differ slightly and are based on non-harmonized methods of measuring consumption, they could raise barriers to trade in a type of product for which it is particularly important. A need for harmonisation is already felt and the Member States which contemplate the introduction of such a system have provisionally suspended their procedures pending the adoption of a Community system.

The need to avoid the introduction of barriers to trade does not imply that an harmonized labelling system must be imposed in all Member States. In this case it is sufficient to describe such a system while leaving its adoption optional and to forbid the introduction of other optional systems. It is therefore left for each Member State to judge, according to its market situation, whether there is any need to impose the system in its territory.

Of course, the Member States must in all cases avoid the retention or introduction of labelling systems which fail to conform with the directive.

This basic principle will be incorporated in the outline directive containing general provisions, in particular :

- the list of appliances covered;
- the obligations on the various economic operators concerned;
- the description of the label format;
- the establishment of a Committee on adaptation to technical progress;

and a series of implementing directives for each type of appliance, laying down the information to appear on the label and the method of determining it, either in an Annex or by reference to the standards.

The outline directive proposed by the Commission is accompanied by a first implementing directive for electric ovens. This type of appliance has been chosen for this first directive as the European standard for measuring energy consumption and supplementary information is in the final stage of preparation.

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PROPOSAL FOR A COUNCIL DIRECTIVE ON THE INDICATION BY LABELLING
OF THE ENERGY CONSUMPTION OF DOMESTIC APPLIANCES

THE COUNCIL OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Economic Community,
and in particular Article 100 thereof,

Having regard to the proposal from the Commission,

Having regard to the Opinion of the European Parliament,

Whereas, in its Resolution of 17 September 1974 concerning a new energy policy strategy for the Community⁽¹⁾, the Council recorded its agreement to the objective of "reduction of the rate of growth of internal consumption by measures for using energy rationally and economically without jeopardizing social and economic growth objectives";

Whereas, in its Resolution of 17 December 1974 on a Community action programme on the rational utilization of energy⁽²⁾, the Council noted that, in its Communication to the Council entitled "Rational Utilization of Energy" the Commission had drawn up a Community action programme in this field;

Whereas it is of importance to adopt at Community level measures for the rational use and savings of energy, in order to reduce present and future difficulties in the supply of hydrocarbons;

Whereas the Council adopted on 4 May 1976 a Recommendation on the rational use of energy for electrical household appliances⁽³⁾;

Whereas any improvement in the rational use of energy is also beneficial to the environment;

(1) OJ N° C 153 of 9 July 1975, p.1.

(2) OJ No C 153, 9.7.1975, p.5.

(3) OJ N° L 140 of 28 May 1976, p.18.

Whereas the public should be informed, by the most understandable and standardized means possible, of the specific consumption of domestic appliances, measured in normal conditions of use; whereas the provision of accurate relevant and comparable information may influence the choice of prospective purchasers to the benefit of those appliances most economical of energy, and whereas manufacturers will thus be prompted to take steps to reduce the consumption of the appliances which they manufacture;

Whereas this information is currently supplied in various ways, either in accordance with national regulations or in the absence of such regulations; whereas this situation is likely to create non-tariff barriers to intra-Community trade in domestic appliances;

Whereas to the end the energy consumption of each type of appliance concerned must be defined in accordance with harmonized standards, and whereas the application of these standards must be controlled at the marketing stage;

Whereas a mandatory system applying in all Member States is not necessary in the first instance,

HAS ADOPTED THIS DIRECTIVE

Article 1

1. The purpose of this Directive is the harmonization of national regulations on the publication of information on energy consumption, and supplementary information, especially by means of labels, relating to the following domestic appliances :

- hot water producing appliances;
- ovens;
- refrigeration and freezing appliances;
- washing machines;
- television sets;
- dishwashers;
- tumbler dryers,
- vacuum-cleaners.

Article 2

The information on the energy consumption of household appliances shall be prepared in accordance with standards and methods laid down by directives relating to each type of appliance referred to in Article 1 adopted in implementation of this directive. This information shall be supplied by the manufacturers, who shall be responsible for its accuracy.

Article 3

1. The Member States may oblige all manufacturers marketing in their territory the household appliances specified in the implementing directives to attach a label in accordance with this directive.
2. In respect of labelling the following provisions shall apply:
 - (a) The manufacturer shall attach or provide the labels for each type of appliance specified in the implementing directives.
 - (b) Dealers in the appliances in question shall attach the labels provided by the manufacturers to such appliances whenever these are displayed, put on sale or supplied to purchasers. The label shall be attached to such place as may be specified in the relevant implementing directive, or in the absence of instructions, to the most visible place.

Where appliances which have not passed through the normal commercial channels are not furnished with labels, the manufacturers shall immediately provide the corresponding labels at the request of the dealer concerned.

Article 4

1. No Member State may, on grounds relating to the indication by means of labelling of the energy consumption of domestic appliances, either prohibit or restrict the marketing of domestic appliances as referred to in Article 1 which comply with the provisions of this Directive and its Annexes and of the implementing directives.
2. Without prejudice to such spot checks as they may make at any marketing stage, the Member States shall consider that the presence of the label on any domestic appliance referred to in Article 1 raises a presumption of compliance with the provisions of this Directive and its Annexes and of the implementing directives

Article 5

Amendments necessary to adapt to technical progress:

- the annexes to this Directive
- the technical annexes to the special directives relating to the various household appliances or groups of household appliances

shall be adopted in accordance with the procedure provided for in Article 7.

Article 6

1. There is hereby established a Committee on the Adaptation to Technical Progress of the Directives on the Indication by Labelling of the Energy Consumption of Domestic Appliances, hereinafter referred to as the "Committee", consisting of representatives of the Member States with a representative of the Commission as Chairman is hereby established.
2. The Committee shall adopt its own rules of procedure.

Article 7

1. When reference is made to the procedure laid down in this Article, matters shall be referred to the Committee either on the initiative of its Chairman or at the request of the representative of a Member State.
2. The Commission representative shall submit proposed measures to the Committee. The Committee shall express its opinion on these proposals within a time limit set by the Chairman having regard to the urgency of the matter. It shall decide by a majority of forty-one votes, the votes of the Member States being weighted as provided in Article 148(2) of the Treaty. The Chairman shall not vote.
3. (a) The Commission shall adopt the measures envisaged where they are in accordance with the opinion of the Committee.
(b) Where the measures envisaged are not in accordance with the opinion of the Committee, or if no opinion is adopted, the Commission shall without delay propose to the Council the measures to be adopted. The Council shall act by a qualified majority.
(c) If the Council has not acted within six months of the matter being referred to it, the proposed measures shall be adopted by the Commission.

Article 8

Checks on compliance with national provisions on the indication by labelling of the energy consumption of domestic appliances shall be carried out by the member States or by bodies approved for this purpose.

The Member States shall communicate the names of the approved bodies to the Commission and to the other Member States.

Article 9

The Member States shall take all appropriate measures to ensure that labels relating to the energy consumption of the appliances specified in Article 1 and to any other relevant information complies with the provisions of this Directive and its Annexes and of the implementing Directives and to prevent the use on household appliances of marks, symbols or inscriptions likely to lead to confusion with such labels.

Article 10

1. The Member States shall take the necessary measures to comply with this Directive within two years following the notification of the first implementing Directive.
2. The Member States shall communicate to the Commission the texts of the provisions of national law which they adopt in the field governed by this Directive.

Article 11

This Directive is addressed to the Member States.

A N N E X I

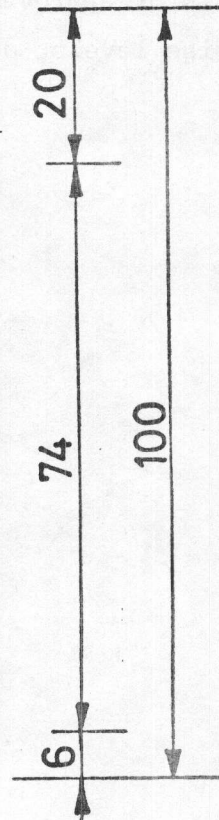
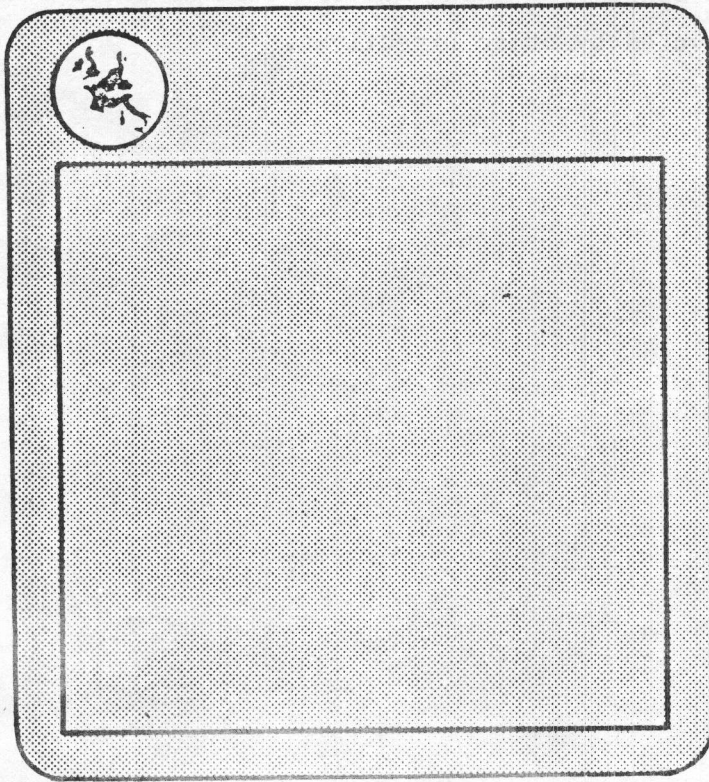
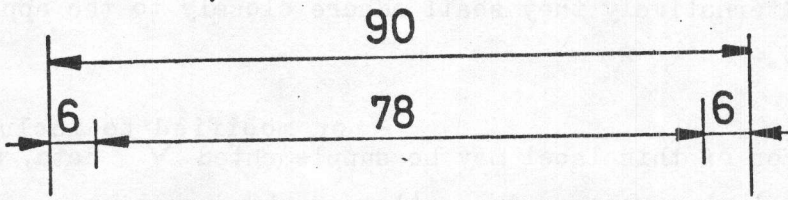
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1. The label carrying the information relating to energy consumption shall have the form and dimensions illustrated in Annex II and display in its top left-hand corner the sign shown in Annex III.
2. The external dimensions of the label shall be 90 x 100 mm (so that six labels in different languages can fit on a base of DIN A4 format) The corners of each label shall be rounded with a radius of 6 mm.
3. The label shall be printed on a yellow/orange base, with orange accounting for 50%
4. The top part shall be 20 mm high and contain the words :
 "Produktinformation", in Danish,
 or "Produkt-Information", in German,
 or "Product information", in English,
 or "Information sur le produit", in French,
 or "Informazione sul prodotto", in Italian,
 or "Produkt informatie", in Dutch,
 printed in black in a UNIVERS 65/... type font.
 The sign shown in Annex III shall be printed in the place shown in Annex II.
5. The specific information shall be framed with a black line in a 78 x 74 mm zone.
6. A box shall be allocated for the designation of the type of appliance, the make and the model in the top part of the zone reserved for specific information; its dimensions shall be determined separately for each type of appliance.
7. Each box shall be separated from the next by a horizontal black line.
8. A 20% tolerance on the abovementioned dimensions is permitted.

9. The manufacturers shall provide each appliance with a set of labels in the languages of the country of sale. These labels shall be easy to remove from their backing and coated on the back with an adhesive enabling them to be affixed to the appliance and easily removed after sale without leaving traces that cannot be removed with ordinary household products; alternatively they shall adhere closely to the appliance electrostatically.
10. The characteristics of this label may be supplemented ^{or modified to include} data, measurements or approval signs concerning matters, such as water consumption or noise levels, covered by other Directives.

Bilag
Anhang
Annex
Annexe
Allegato
Bijlage

} II



Bilag
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Annex
Annexe
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Bijlage

} III



Council Directive applying to electric ovens the Council Directive on the indication by labelling of the energy consumption of domestic appliances

THE COUNCIL OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Economic Community, and in particular Article 100 thereof,

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Parliament,

Whereas Council Directive 78/1008 on the indication by labelling of on the energy consumption of domestic appliances¹ provides that an implementing Directive is to lay down the methods and standards applying to ovens;

Whereas the public should be informed, by the most understandable and standardized means possible, of the specific consumption of electric ovens, measured in normal conditions of use; whereas the provision of accurate, relevant and comparable information may influence the choice of prospective purchasers to the benefit of those appliances most economical of energy, and whereas manufacturers will thus be prompted to take steps to reduce the consumption of the electric ovens which they manufacture;

Whereas information on electric ovens must be different from that on ovens using other sources of heat;

Whereas Article 10(1) of the abovementioned Directive 78/1008/EEC provides that the Member States are to put it into effect within two years following the notification of the first implementing Directive,

HAS ADOPTED THIS DIRECTIVE :

¹ OJ No

Article 1

This Directive concerns the harmonization of national regulations on the publication of information on the energy consumption of radiant electric ovens, either self-contained or forming part of a combined domestic appliance, hereinafter referred to as "electric ovens", and information relating thereto.

Article 2

The Member States shall take all appropriate measures to ensure that labelling relating to energy consumption, all other information on energy consumption and information influencing the consumption of electric ovens comply with the definitions and rules laid down by Directive 78/..../EEC, by this Directive and by the Annexes thereto.

Article 3

For the purposes of this Directive, the standards referred to in Article 2 of the basic Directive shall be those set out in Annex I to this Directive.

Article 4

1. The Member States shall take the necessary measures to comply with this Directive and Directive 78/..../EEC within two years of notification of the former and shall immediately inform the Commission thereof.
2. The Member States shall communicate to the Commission the texts of the provisions of national law which they adopt in the field governed by this Directive.

Article 5

This Directive is addressed to the Member States.

A N N E X I

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1. All the provisions of Council Directive ... of
on the indication by labelling of the energy consumption of domestic appliances and the Annexes thereto shall apply to labels for electric ovens.
2. The manufacturers shall be responsible for measuring energy consumption and checking the additional information, set out below, according to the standard CENELEC/TC 59X (SEC) 13 of July 1977 (1).
3. Information specific to electric ovens shall be provided in the box reserved for that purpose. It shall comprise the designation of the type of appliance, the usable volume, the reference temperature, the warming-up consumption, the consumption necessary to maintain the reference temperature, the total of these two, the consumption of the self-cleaning cycle if any, and the reference of the standards used in measuring these data.

UNIVERS 65/... of type font shall be used in accordance with the examples in Annexes II a, b, c, d, e and f.

- 3.1. Those data shall be stated in the following terms :

- 3.1.1. Type of appliance

"El-ovn", in Danish, (Da)
or "Elektrobackofen", in German, (D)
or "Electric oven", in English, (E)
or "Four électrique", in French, (F)
or "Forno elettrico", in Italian, (I)
or "Elektrische oven", in Dutch (N).

These words will be followed by the make and the model.

- 3.1.2. A continuous horizontal line shall separate this information from the following.

(1) Reference of the draft harmonisation document which should be adopted by CENELEC in October 1978.

3.1.3. Volume and temperature; depending on the language

Nyttevolumen (Da)
 Nutzvolumen (D)
 Usable volume (E)
 Volume utilisable (F)
 Volume utilizzabile (I)
 Bruikbaar volume (N)

Reference temperatur (Da)
 Messtemperatur (D)
 Test temperature (E)
 Température de référence (F)
 Temperatura di riferimento (I)
 Verwijzingstemperatuur (N)

3.1.4. A continuous horizontal line shall separate this information from the following.

3.1.5. Energy consumption; depending on the language

Energiforbrug til opvarmningen (Da)
 Energieverbrauch für Aufheissen (D)
 Preheat consumption (E)
 Consommation de montée en température (F)
 Consumo per raggiungere la temperatura (I)
 Verbruik om de temperatuur te bereiken (N)
 This quantity shall be expressed in kWh.

Energiforbrug til bibeholdelse af temperaturer (Da)
 Energieverbrauch für Temperaturerhaltung (D)
 Temperature-maintaining consumption (E)
 Consommation de maintien de la température (F)
 Consumo per mantenere tale temperatura (I)
 Verbruik om de temperatuur te onderhouden (N)
 This quantity shall be expressed in kWh/h.

The total of these two quantities shall be shown immediately below. A line as wide as the figures and the abbreviation of the unit shall separate this total from what precedes. The total shall be preceded, depending on the language, by the word :

TOTAL (Da)

INSGES. (D)

TOTAL (E)

TOTAL (F)

TOTALE (I)

TOTAAL (N)

Energiforbrug til rensningen (Da)

Energieverbrauch für Reinigungsprozess (D)

Cleaning cycle consumption (E)

Consommation du cycle de nettoyage (F)

Consumo del ciclo di pulizia (I)

Verbruik der reinigingscyclus (N)

The last-mentioned item of information shall be recorded on the label two years after the standard laid down by this Annex is supplemented to this effect.

3.1.6. A continuous horizontal line shall separate this information from the following.

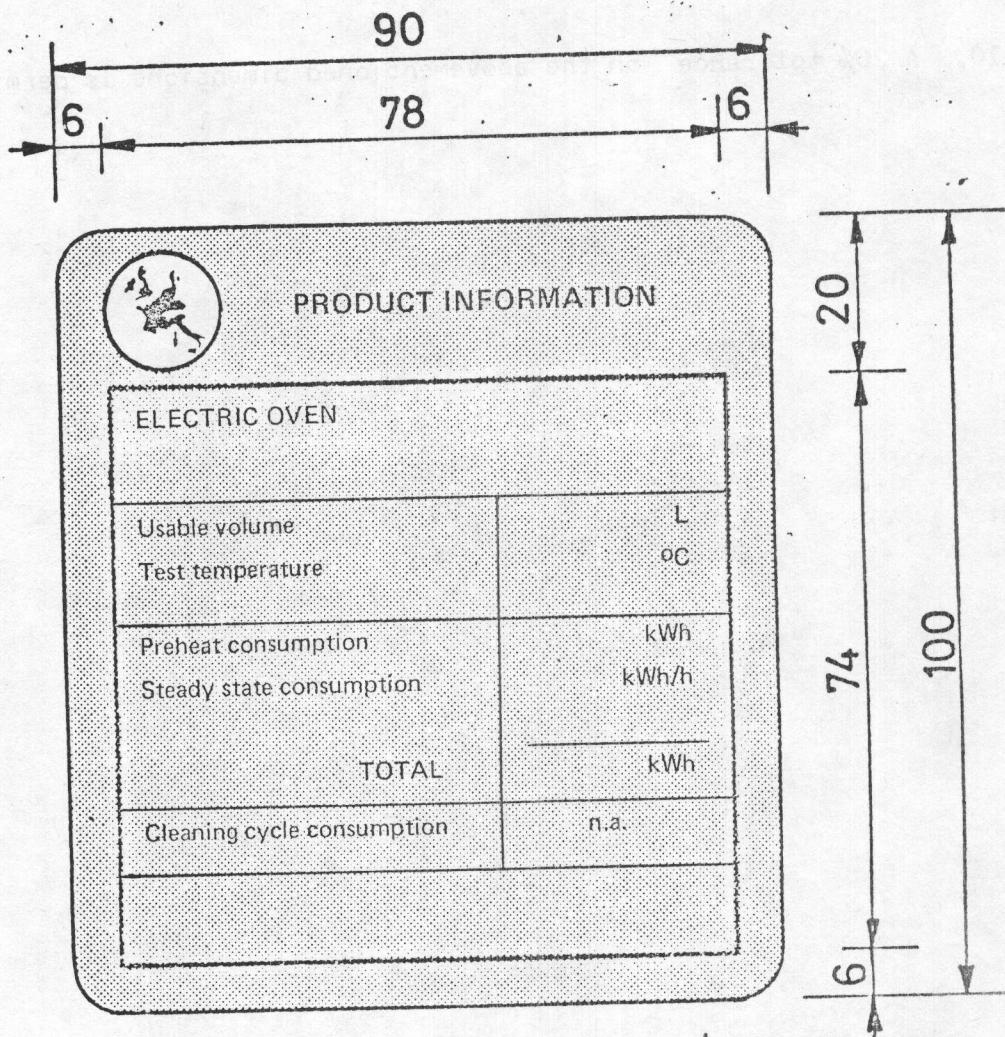
3.1.7. Standards

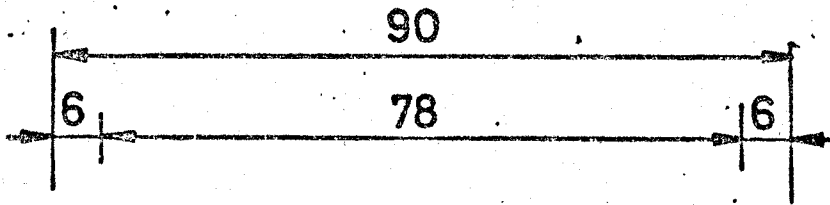
The references of the standards shall be stated as follows across the whole width of the box ...


3.1.8. The title of the data shall be contained in a column up to 30 mm wide extending from the left-hand margin. The data shall be contained in a column extending from 30 mm to the left of the right-hand margin to this margin.

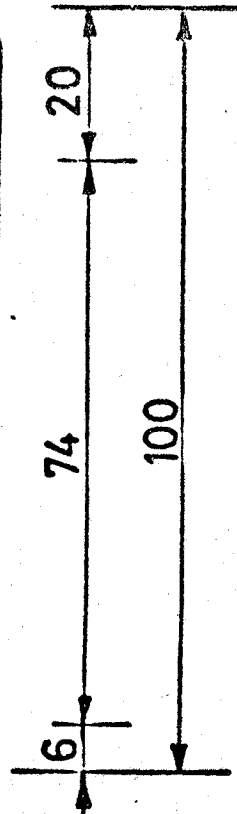
3.1.9. The titles shall be in a
..... type font.

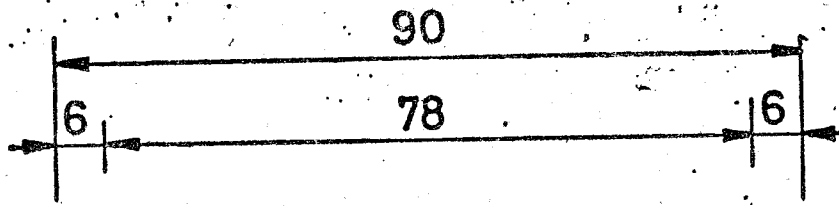
3.1.10. A 20% tolerance on the abovementioned dimensions is permitted.



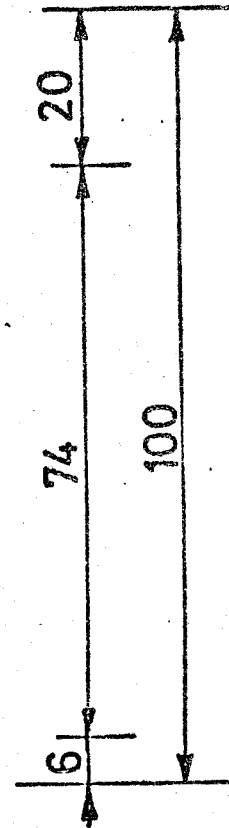


 INFORMATION SUR LE PRODUIT	
FOUR ELECTRIQUE	
Volume utilisable	L
Température de référence	°C
Consommation de montée en température:	kWh
Consommation de maintien de cette température	kWh/h
TOTAL	kWh
Consommation du cycle de nettoyage	n.d.

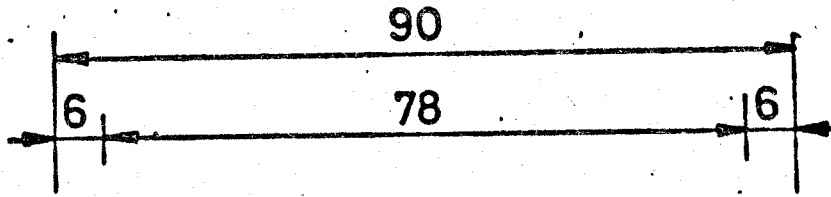





PRODUKT-INFORMATION	
ELEKTROBACKÖFEN	
Nutzvolumen	L
Messtemperatur	°C
Energieverbrauch für Aufheizen	kWh
Energieverbrauch für Temperaturhaltung	kWh/h
INSGES.	kWh
Energieverbrauch für Reinigungsprozess	n.e.



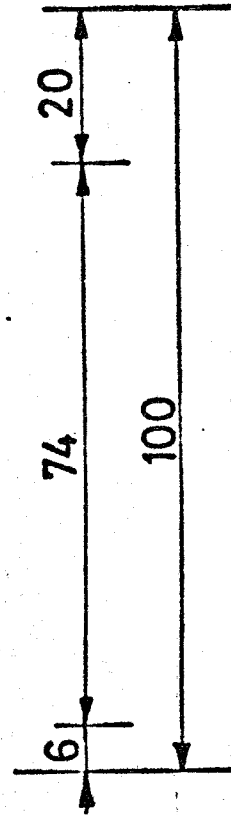
Allegato II c)



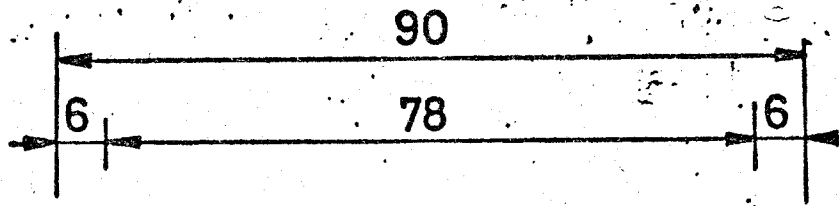
 **INFORMAZIONE SUL PRODOTTO**

FORNO ELETTRICO

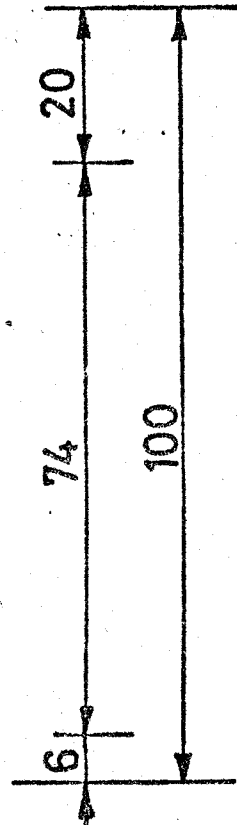
Volume utilizzabile Temperatura de riferimento	L °C
Consumo per raggiungere la temperatura	kWh
Consumo per mantenere tale temperatura	kWh/h
TOTALE	kWh
Consumo del ciclo di pulizia	n.d.

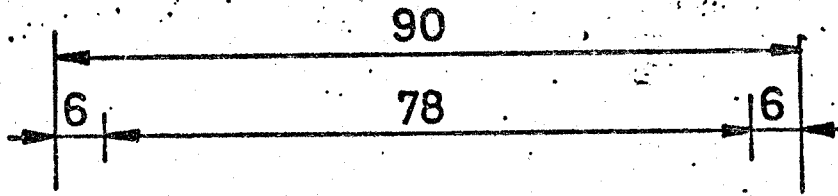


Bijlage II d)

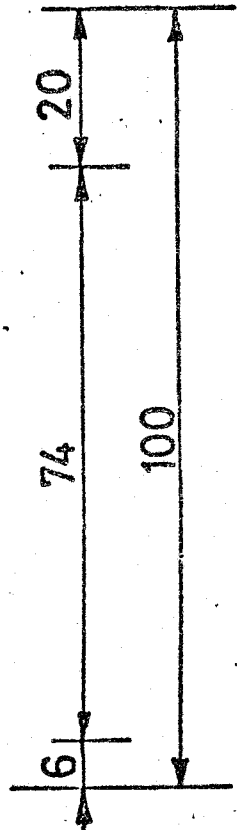


ELEKTRISCHE OVEN	
Bruikbaar volume	L
Verwijzingstemperatuur	°C
Verbruik om de temperatuur te bereiken	kWh
Verbruik om de temperatuur te onderhouden	kWh/h
TOTAAL	kWh
Verbruik der reinigingscyclus	n.b.

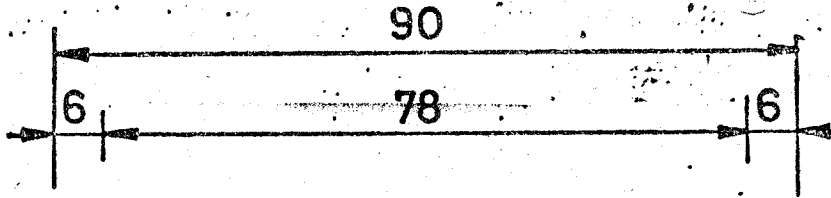




PRODUCT INFORMATION	
ELECTRIC OVEN	
Usable volume	L
Test temperature	°C
Preheat consumption	kWh
Steady state consumption	kWh/h
TOTAL	kWh
Cleaning cycle consumption	n.a.



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PRODUKT INFORMATION

EL. OVN	
Nytte volumen	L
Reference temperatur	°C
Energiforbrug til opvarmningen	kWh
Energiforbrug til bibeholdelse of temperaturen	kWh/h
TOTAL	kWh
Energiforbrug til rensningen	n.e.

