COMMISSION DELEGATED REGULATION (EU) No [XXX/XXXX] of [XX/XX/XXXX]

implementing Regulation (EU) 2017/1369 of the European Parliament and of the Council with regard to energy labelling of ~~domestic~~ household~~ovens~~ and ~~range hoods~~cooking fume extractors, repealing Commission Regulation (EU) No 65/2014

(Text with EEA relevance)

Article 1

Subject matter and scope

1. This Regulation establishes requirements for the labelling and the provision of supplementary product information for ~~domestic~~ household electric and gas ovens (including when incorporated into cookers), ovens equipped with a microwave heating function without turntable and for ~~domestic~~household electric ~~range hood~~cooking fume extractors, including when sold for non-~~domestic~~ household purposes.

2. This Regulation shall not apply to:

(a) ovens that use energy sources other than electricity or gas;

(b) ovens which offer a 'microwave heating' function with a turntable;

(c) small ovens;

(d) portable ovens;

(e) heat storage ovens;

(f) ovens which are heated with steam as a primary heating function;

(g) ovens designed for use only with gases of the 'third family' (propane and butane).

Article 2

Definitions

In addition to the definitions set out in Article 2 of Directive 2010/30/EU, the following definitions shall apply for the purposes of this Regulation:

(1) 'oven' means an appliance or part of an appliance which incorporates one or more cavities using electricity and/or gas in which food is prepared by use of a conventional or fan-forced mode;
(2) 'cavity' means the enclosed compartment in which the temperature can be controlled for preparation of food;
(3) 'multi-cavity oven' means an oven with two or more cavities, each of which is heated separately;

(4) ‘small oven’ means an oven with a cavity volume less than 10 litres~~where all cavities have a width and depth of less than 250 mm or a height less than 120 mm~~;
(5) ‘portable oven’ means an oven with a product mass of less than 18 kilograms, provided it is not designed for built-in installations;
(6) ‘microwave heating’ means heating of food using electromagnetic energy;
(7) ‘conventional mode’ means the operation mode of an oven only using natural convection for circulation of heated air inside the cavity of the oven;
(8) ‘fan-forced mode’ means a mode of an oven when a built-in fan circulates heated air inside the cavity of the oven;
(9) ‘cycle’ means the period of heating a standardised load in a cavity of an oven under defined conditions;
(10) ‘cooker’ means an appliance consisting of an oven and a hob using gas or electricity;
(11) ‘operation mode’ means the status of an oven during use;
(12) ‘heat source’ means the main energy form for heating an oven;
(13) ‘Cooking fume extractor’ means an appliance with a fan and filter intended to collect and treat cooking fumes, which can be operated in recirculation mode or extraction mode.

(14) ‘Cooking fume extractor’ means a cooking fume extractor installed over a cooking appliance.

(15) ‘Recirculation mode’ means a mode of a cooking fume extractor that discharges the air back into the room, which includes an odour-reduction filter.

(16) ‘Extraction mode’ means a mode of a cooking fume extractor that discharges the air to the outside of the building by means of ducting.

~~(13) ‘range hood’ means an appliance, operated by a motor which it controls, intended to collect contaminated air from above a hob, or which includes a downdraft system intended for installation adjacent to cooking ranges, hobs and similar cooking products, that draws vapour down into an internal exhaust duct;~~
~~(14) ‘automatic functioning mode during the cooking period’ means a condition in which the air flow of the range hood during the cooking period is automatically controlled through sensor(s), including as regards humidity, temperature, etc.;~~
~~(15) ‘fully automatic range hood’ means a range hood in which the air flow and/or other functions are automatically controlled through sensor(s) during 24 hours including the cooking period;~~
~~(16) ‘best efficiency point’ (BEP) means the range hood operating point with maximum fluid dynamic efficiency (FDEhood);~~
~~(17) ‘lighting efficiency’ (LEhood) means the ratio between the average illumination of the lighting system of the domestic range hood and the power of the lighting system in lux/W;~~
~~(18)(1) ‘grease filtering efficiency’ (GFEhood~~GFE~~) means the relative share of grease retained within the range hood grease filters;~~
~~(19)(1) ‘off mode’ means a condition in which the appliance is connected to the mains power source but is not providing any function or only provides an indication of off mode condition, or only provides functionalities intended to ensure electromagnetic compatibility pursuant to Directive 2004/108/EC of the European Parliament and of the Council (1);~~
~~(20)(1) ‘standby mode’ means a condition where the appliance is connected to the mains power source, depends on energy input from the mains power source to work as intended and provides only reactivation function, or reactivation function and only~~

~~an indication of enabled reactivation function, and/or information or status display which may persist for an indefinite time;~~

~~(21)(1) 'reactivation function' means a function facilitating the activation of other modes, including the active mode, by remote switch including remote control, internal sensor, or timer to a condition providing additional functions, including the main function;~~

~~(22)(1) 'information or status display' means a continuous function providing information or indicating the status of the equipment on a display, including clocks;~~

~~(23)~~(17) 'end-user' means a consumer buying or expected to buy a product;

~~(24)~~(18) 'point of sale' means a location where appliances are displayed and/or offered for sale or hire;

~~(25)~~(19) 'equivalent model' means a model placed on the market with the same technical parameters as another model placed on the market under a different commercial code number by the same manufacturer or importer.

Article 3

Obligations of suppliers

From [Date of application], suppliers placing on the market and/or putting into service ovens and cooking fume extractors in the scope of this Regulation shall ensure that for these products, as appropriate:

(a) a printed label complying with the format and content is provided as set out in the designated section 1 to 5 of Annex III;
(b) the values for the parameters in the product information sheet, as set out in Annex IV, are entered into the product database;
(c) the product information sheet is available in printed form upon request.
(d) the technical documentation, as set out in the designated section of Annex V, is provided on request to the authorities of the Member States and to the Commission;
(e) any advertisement relating to a specific model and containing energy-related or price information includes a reference to the energy efficiency class;
(f) any technical promotional material concerning a specific model and describing its specific technical parameters includes a reference to the energy efficiency class
(g) an electronic label in the format and content, as set out in the designated section of Annex VII, is made available to dealers;
(h) an electronic product information sheet, as set out in the designated section of Annex IV, is made available to dealers;

~~Responsibilities of suppliers and timetable~~

~~Suppliers shall ensure that:~~

~~(1) as regards labels, fiches and technical documentation~~

~~(a) for domestic ovens:~~

~~(i) each domestic oven is supplied with (a) printed label(s) containing information in the format set out in point 1 of Annex III for each cavity of the oven;~~

(ii) a product fiche, as set out in point A of Annex IV, is made available for domestic ovens placed on the market;

(iii) the technical documentation, as set out in point A of Annex V, is made available on request to the authorities of the Member States;

(iv) any advertisement for a specific model of domestic oven contains the energy efficiency class, if the advertisement discloses energy-related or price information;

(v) any technical promotional material concerning a specific model of domestic oven which describes its specific technical parameters includes the energy efficiency class of that model;

(vi) an electronic label in the format and containing the information set out in point 1 of Annex III is made available to dealers for each cavity of each domestic oven model;

(vii) an electronic product fiche as set out in point A of Annex IV is made available to dealers for each domestic oven model;

(b) for domestic range hoods:

(i) each domestic range hood is supplied with a printed label containing information in the format set out in point 2 of Annex III;

(ii) a product fiche, as set out in point B of Annex IV, is made available for domestic range hoods placed on the market;

(iii) the technical documentation as set out in point B of Annex V, is made available on request to the authorities of the Member States;

(iv) any advertisement for a specific model of domestic range hood contains the energy efficiency class, if the advertisement discloses energy-related or price information;

(v) any technical promotional material concerning a specific model of domestic range hood which describes its specific technical parameters includes the energy efficiency class of that model;

(vi) an electronic label in the format and containing the information set out in point 2 of Annex III is made available to dealers for each domestic range hood model;

(vii) an electronic product fiche as set out in point B of Annex IV is made available to dealers for each domestic range hood model;

(2) as regards efficiency classes:

(a) for domestic ovens, the energy efficiency class of the cavity of the oven shall be determined in accordance with point 1 of Annex I, and point 1 of Annex II;

(b) for domestic range hoods:

(i) the energy efficiency classes shall be determined in accordance with point 2(a) of Annex I and point 2.1 of Annex II;

~~(ii) the fluid dynamic efficiency classes shall be determined in accordance with point 2(b) of Annex I and point 2.2 of Annex II;~~

~~(iii) the lighting efficiency classes shall be determined in accordance with point 2(c) of Annex I and point 2.3 of Annex II;~~

~~(iv) the grease filtering efficiency classes shall be determined in accordance with point 2(d) of Annex I and point 2.4 of Annex II;~~

~~(3) as regards formats of the labels:~~

~~(a) for domestic ovens, the format of the label for the cavity of the oven shall be as set out in point 1 of Annex III, for appliances placed on the market from 1 January 2015;~~

~~(b) for domestic range hoods, the format of the label shall be as set out in point 2 of Annex III, according to the following timetable:~~

~~(i) for domestic range hoods placed on the market from 1 January 2015 with energy efficiency classes A, B, C, D, E, F and G, labels shall be in accordance with point 2.1.1 of Annex III (Label 1) or, where suppliers deem appropriate, with point 2.1.2 of that Annex (Label 2);~~

~~*(ii) for domestic range hoods placed on the market from 1 January 2016 with energy efficiency classes A+, A, B, C, D, E and F, labels shall be in accordance with point 2.1.2 of Annex III (Label 2) or, where suppliers deem appropriate, with point 2.1.3 of that Annex (Label 3);*~~

~~*(iii) for domestic range hoods placed on the market from 1 January 2018 with energy efficiency classes A++, A+, A, B, C, D and E, labels shall be in accordance with point 2.1.3 of Annex III (Label 3) or, where suppliers deem appropriate, with point 2.1.4 of that Annex (Label 4);*~~

~~*(iv) for domestic range hoods placed on the market from 1 January 2020 with energy efficiency classes A+++, A++, A+, A, B, C and D, labels shall be in accordance with point 2.1.4 of Annex III (Label 4).*~~

Article 4

Obligations of dealers

Dealers shall ensure for each appliance that

(a) at the point of sale, it bears the label provided by suppliers in accordance with Article 3, on the outside of the front of the appliance, in such a way as to be clearly visible;
(b) when it is offered for sale, hire or hire-purchase, where the end-user cannot be expected to see the product displayed, it is marketed with the information provided by the suppliers in accordance with Annex VI;
(c) any visual advertisement relating to a model and containing energy related or price information includes a reference to the energy efficiency for that model;

(d) any technical promotional material concerning a specific model and describing its specific technical parameters includes a reference to the energy efficiency class under average for that model;

~~Responsibilities of dealers~~

~~Dealers shall ensure that:~~

~~(1) for domestic ovens:~~

~~(a) each oven presented at the point of sale carries the label for each cavity provided by suppliers in accordance with Article 3(1)(a)(i) displayed on the front or top of the appliance, or in the immediacy of the appliance, so as to be clearly visible and identifiable as the label belonging to the model without having to read the brand name and model number on the label;~~

~~(b) ovens offered for sale or hire where the end-user cannot be expected to see the product displayed, as specified in Article 7 of Directive 2010/30/EU, are marketed with the information provided by suppliers in accordance with Part A of Annex VI to this Regulation, except where the offer is made through the internet in which case the provisions of Annex VII shall apply;~~

~~(c) any advertisement for any form or medium of distance selling and marketing concerning a specific model of oven contains a reference to the energy efficiency class, if the advertisement discloses energy-related or price information;~~

~~(d) any technical promotional material concerning a specific model which describes the technical parameters of an oven includes the energy efficiency class of the model;~~

~~(2) for domestic range hoods:~~

~~(a) each domestic range hood presented at the point of sale is accompanied by the label provided by suppliers in accordance with Article 3(1)(b)(i) displayed on the front or top of the appliance, or in the immediacy of the appliance, so as to be clearly visible and identifiable as the label belonging to the model without having to read the brand name and model number on the label;~~

~~(b) domestic range hoods offered for sale or hire where the end-user cannot be expected to see the product displayed, as specified in Article 7 of Directive 2010/30/EU, are marketed with the information provided by suppliers in accordance with Part B of Annex VI to this Regulation, except where the offer is made through the internet in which case the provisions of Annex VII shall apply;~~

~~(c) any advertisement for any form or medium of distance selling and marketing concerning a specific model of domestic range hood contains a reference to the energy efficiency class, if the advertisement discloses energy-related or price information;~~

~~(d) any technical promotional material concerning a specific model which describes the technical parameters of a domestic range hood includes the energy efficiency class of the model.~~

Article 5

Measurement and calculation methods

The information to be provided under Articles 3 and 4 shall be obtained by reliable, accurate and reproducible measurement procedures, which take into account the recognised state-of-the-art calculation and measurement methods, as set out in Annex VIII, following transitional provisions as indicated in Annex IX as appropriate.

Article 6

Verification procedure for market surveillance purposes

~~When performing the market surveillance checks for compliance with requirements set out in this Regulation, the~~ Member States~~' authorities~~ shall apply the verification procedure described in Annex ~~VIII~~X to this Regulation when performing the market surveillance checks referred to in paragraph 3 of Article 8 of Regulation (EU) 2017/1369.

Article 7

Review

The Commission shall review this Regulation in the light of technological progress no later than ~~1 January 2021.~~seven years after its entry into force. The review shall in particular assess:

- […]
- the possibility to address circular economy aspects

Article 8

Repeal

Commission Delegated Regulation (EU) No 65/2014 ~~Directive 2002/40/EC~~ shall be repealed ~~from 1 January 2015~~.

Article 9

Transitional ~~provisions~~measures

Until one day before [date of application], the product fiche required under Article 3, point (b), of Commission Regulation (EU) 65/2014 may be made available through the product database instead of being provided in printed form with the product. However, where the dealer so requests, the supplier shall ensure that the product fiche is made available in printed form

~~1. Domestic ovens which comply with the provisions of this Regulation and which are placed on the market or offered for sale, hire or hire-purchase before 1 January 2015 shall be regarded as complying with the requirements of Directive 2002/40/EC.~~

~~2. From 1 January to 1 April 2015, dealers may apply Article 4(1)(b) to specific ovens that fall under that provision.~~

~~3. From 1 January to 1 April 2015, dealers may apply Article 4(2)(b) to specific range hoods that fall under that provision.~~

Article 10

Entry into force ~~and application~~

~~1.~~ This Regulation shall enter into force on the twentieth day following that of its publication in the Official Journal of the European Union.

It shall apply from [OP – please insert 2 years after the entry into force]. However, Article 3 paragraph 2, points (a),(b) and (c), shall apply from four months before date of application.

~~2. It shall apply from 1 January 2015. However, Article 3(1)(a)(iv) and (v), Article 3(1)(b)(iv) and (v), Article 4(1)(b), (c) and (d), and Article 4(2)(b), (c) and (d) shall apply from 1 April 2015.~~

This Regulation shall be binding in its entirety and directly applicable in all Member States.

ANNEX I

Definitions applicable for Annexes II to VI

(1) 'automatic functioning mode during the cooking period' means a condition in which the air flow of the ~~range hood~~cooking fume extractor during the cooking period is automatically controlled through sensor(s), including as regards humidity, temperature, etc.;

(2) 'fully automatic ~~range hood~~cooking fume extractor' means a ~~range hood~~cooking fume extractor in which the air flow and/or other functions are automatically controlled through sensor(s) during 24 hours including the cooking period;

(3) 'best efficiency point' (BEP) means the ~~range hood~~cooking fume extractor operating point with maximum fluid dynamic efficiency (FDEhood);

(4) 'lighting efficiency' (LEhood) means the ratio between the average illumination of the lighting system of the ~~domestic~~household ~~range hood~~cooking fume extractor and the power of the lighting system in lux/W;

(5) 'grease filtering efficiency' (~~GFEhood~~GFE) means the relative share of grease retained within the ~~range hood~~cooking fume extractor grease filters;

(6) 'off mode' means a condition in which the equipment is connected to the mains power source and is not providing any function, or it is in a condition providing only:

a. an indication of off mode condition;

b. functionalities intended to ensure electromagnetic compatibility under Directive 2014/30/EU of the European Parliament and of the Council;

(7) 'standby mode' means a condition where the equipment is connected to the mains power source, depends on energy input from the mains power source to work as intended and provides only one or more of the following functions, which may persist for an indefinite time:

a. reactivation function;

b. reactivation function and only an indication of enabled reactivation function;

c. information or status display;

(8) 'reactivation function' means a function that via a remote switch, a remote control, an internal sensor or timer provides a switch from standby mode to another mode, including active mode, providing additional functions;

'information or status display' means a continuous function providing information or indicating the status of the equipment on a display, including clocks. A simple light indicator is not considered a status display~~'off mode' means a condition in which the appliance is connected to the mains power source but is not providing any function or only provides an indication of off mode condition, or only provides functionalities intended to ensure electromagnetic compatibility pursuant to Directive 2004/108/EC of the European Parliament and of the Council (1);~~

~~'standby mode' means a condition where the appliance is connected to the mains power source, depends on energy input from the mains power source to work as intended and provides only reactivation function, or reactivation function and only an indication of enabled reactivation function, and/or information or status display which may persist for an indefinite time;~~

~~'reactivation function' means a function facilitating the activation of other modes, including the active mode, by remote switch including remote control, internal sensor, or timer to a condition providing additional functions, including the main function;~~

(9) ~~'information or status display' means a continuous function providing information or indicating the status of the equipment on a display, including clocks;~~ 'display mechanism' means any screen, including tactile screen, or other visual technology used for displaying internet content to users;

(10) 'nested display' means visual interface where an image or data set is accessed by a mouse click, mouse roll-over or tactile screen expansion of another image or data set;

(11) 'tactile screen' means a screen responding to touch, such as that of a tablet computer, slate computer or a smartphone;

(12) 'alternative text' means text provided as an alternative to a graphic allowing information to be presented in non-graphical form where display devices cannot render the graphic or as an aid to accessibility such as input to voice synthesis applications.

(13) 'quick response code' or 'QR code' means a matrix barcode included on the energy label of a product model that links to that model's information in the public part of the product database;

ANNEX II

Efficiency classes

1. ~~DOMESTIC~~HOUSEHOLD OVENS

~~The energy efficiency classes of domestic ovens shall be determined separately for each cavity in accordance with values as set out in Table 1 of this Annex. The energy efficiency of ovens shall be determined in accordance with point 1 of Annex II.~~

Table 1

Energy efficiency classes of ~~domestic~~ household ovens

Energy Efficiency Class	**Energy Efficiency Index (EEIcavity)**
A~~+++~~ (most efficient)	EEIcavity < 6645
~~A++~~B	6645 ≤ EEIcavity < 7762
~~A+~~C	7762 ≤ EEIcavity < 8882
~~A~~D	8882 ≤ EEIcavity < 1017
~~B~~E	1017 ≤ EEIcavity < 11632
~~C~~F	11632 ≤ EEIcavity < 13459
~~D~~ G(least efficient)	EEIcavity ≥ 13459

2. ~~DOMESTIC~~HOUSEHOLD ~~RANGE HOOD~~COOKING FUME EXTRACTORS

(a) The energy efficiency classes of ~~domestic~~household ~~range hood~~cooking fume extractors shall be determined in accordance with values as set out in Table 2 of this Annex. The Energy Efficiency Index (EEI~~hood~~) of ~~domestic~~household ~~range hood~~cooking fume extractors shall be calculated in accordance with ~~point 2.1 of Annex II~~Annex VIII.

Table 2

Energy efficiency classes of household cooking fume extractors

Energy efficiency class	**Energy Efficiency Index**
A	EEI > 360
B	360 ≥ EEI> 250

C	250 ≥ EEI> 200
D	200 ≥ EEI > 150
E	150 ≥ EEI > 100
F	100 ≥ EEI > 50
G	EEI ≤ 50

~~Energy efficiency classes of domestic range hoods~~

~~**Energy Efficiency Class**~~	~~**Energy Efficiency Index (EEIhood)**~~			
	~~**Label 1**~~	~~**Label 2**~~	~~**Label 3**~~	~~**Label 4**~~
~~A+++ (most efficient)~~	-	-	-	~~EEIhood < 30~~
~~A++~~	-	-	~~EEIhood < 37~~	~~30 ≤ EEIhood < 37~~
~~A+~~	-	~~EEIhood < 45~~	~~37 ≤ EEIhood < 45~~	~~37 ≤ EEIhood < 45~~
~~A~~	~~EEIhood < 55~~	~~45 ≤ EEIhood < 55~~	~~45 ≤ EEIhood < 55~~	~~45 ≤ EEIhood < 55~~
~~B~~	~~55 ≤ EEIhood < 70~~	~~55 ≤ EEIhood < 70~~	~~55 ≤ EEIhood < 70~~	~~55 ≤ EEIhood < 70~~
~~C~~	~~70 ≤ EEIhood < 85~~	~~70 ≤ EEIhood < 85~~	~~70 ≤ EEIhood < 85~~	~~70 ≤ EEIhood < 85~~
~~D~~	~~85 ≤ EEIhood < 100~~	~~85 ≤ EEIhood < 100~~	~~85 ≤ EEIhood < 100~~	~~EEIhood ≥ 85~~
~~E~~	~~100 ≤ EEIhood < 110~~	~~100 ≤ EEIhood < 110~~	~~EEIhood ≥ 100~~	-
~~F~~	~~110 ≤ EEIhood < 120~~	~~EEIhood ≥ 110~~	-	-
~~G (least efficient)~~	~~EEIhood ≥ 120~~	-	-	-

~~(b) The fluid dynamic efficiency classes of a domestic range hood shall be determined in accordance with its Fluid Dynamic Efficiency (FDEhood) as in the following Table 3. The~~

Fluid Dynamic Efficiency of domestic range hoods shall be determined in accordance with point 2.2 of Annex II.

Table 3

Fluid Dynamic Efficiency classes for domestic range hoods

Fluid Dynamic Efficiency Class	**Fluid Dynamic Efficiency (FDEhood)**
A (most efficient)	FDEhood > 28
B	23 < FDEhood ≤ 28
C	18 < FDEhood ≤ 23
D	13 < FDEhood ≤ 18
E	8 < FDEhood ≤ 13
F	4 < FDEhood ≤ 8
G (least efficient)	FDEhood ≤ 4

(c) The lighting efficiency classes of a domestic range hood shall be determined in accordance with its Lighting Efficiency (LEhood) as in the following Table 4. The Lighting Efficiency of domestic range hoods shall be determined in accordance with point 2.3 of Annex II.

Table 4

Lighting Efficiency classes for domestic range hoods

Lighting Efficiency Class	**Lighting Efficiency (LEhood)**
A (most efficient)	LEhood > 28
B	20 < LEhood ≤ 28
C	16 < LEhood ≤ 20

~~D~~	~~12 < LEhood ≤ 16~~
~~E~~	~~8 < LEhood ≤ 12~~
~~F~~	~~4 < LEhood ≤ 8~~
~~G (least efficient)~~	~~LEhood ≤ 4~~

(d) The grease filtering efficiency classes of a ~~domestic~~household ~~range hood~~cooking fume extractor shall be determined in accordance with its Grease Filtering Efficiency (~~GFEhood~~GFE) as in the following Table ~~5~~4. The Grease Filtering Efficiency of ~~domestic~~household ~~range hood~~cooking fume extractors shall be determined in accordance with ~~point 2.4 of~~ Annex VIII.

Table ~~4~~5

Grease Filtering Efficiency (~~GFEhood~~GFE) classes for ~~domestic range hoods~~ household cooking fume extractors

Grease Filtering Efficiency Class	**Grease Filtering Efficiency (%)**
A (most efficient)	~~GFEhood~~GFE > 95
B	85 < ~~GFEhood~~GFE ≤ 95
C	75 < ~~GFEhood~~GFE ≤ 85
D	65 < ~~GFEhood~~GFE ≤ 75
E	55 < ~~GFEhood~~GFE ≤ 65
F	45 < ~~GFEhood~~GFE ≤ 55
G (least efficient)	~~GFEhood~~GFE ≤ 45

ANNEX VIII

Measurements and calculations

For the purposes of compliance and verification of compliance with the requirements of this Regulation, measurements and calculations shall be made using harmonised standards the reference numbers of which have been published for the purpose in the Official Journal of the European Union, or using~~a~~ reliable, accurate and reproducible methods that take into account the generally recognised state-of-the-art ~~measurement and calculation~~ methods~~, including harmonised standards the reference numbers of which have been published for the purpose in~~

~~the Official Journal of the European Union~~. They shall meet the ~~technical definitions,~~ conditions ~~, equations~~ and technical parameters set out in this Annex.

~~1. DOMESTIC OVENS~~

~~The energy consumption of a cavity of a domestic oven shall be measured for one standardised cycle, in a conventional mode and in a fan-forced mode, if available, by heating a standardised load soaked with water. It shall be verified that the temperature inside the oven cavity reaches the temperature setting of the thermostat and/or the oven control display within the duration of the test cycle. The energy consumption per cycle corresponding to the best performing mode (conventional mode or fan-forced mode) shall be used in the following calculations.~~

For each cavity of a ~~domestic~~ household oven, the Energy Efficiency Index (EEIcavity) shall be calculated according to the following formulas:

for household electric ovens

$$EEI_{cavity} = \frac{E_{electric\ cavity}}{0.86} \times 100$$

~~for domestic electric ovens:~~

~~$$EEI_{cavity} = \frac{EC_{electric\ cavity}}{SEC_{electric\ cavity}} \times 100$$~~

~~$$SEC_{electric\ cavity} = 0{,}0042 \times V + 0{,}55$$~~

(in kWh)

for ~~domestic~~ household gas ovens:

$$EEI_{cavity} = \frac{E_{gas\ cavity}}{5.89} \times 100$$

~~$$EEI_{cavity} = \frac{EC_{gas\ cavity}}{SEC_{gas\ cavity}} \times 100$$~~

~~$$SEC_{gas\ cavity} = 0{,}044 \times V + 3{,}53$$~~

(in MJ)

~~Where:~~

- ~~EEIcavity = Energy Efficiency Index for each cavity of a domestic oven, in %, rounded to the first decimal place,~~
- ~~SECelectric cavity = Standard Energy Consumption (electricity) required to heat a standardised load in a cavity of an electric heated domestic oven during a cycle, expressed in kWh, rounded to the second decimal place,~~
- ~~SECgas cavity = Standard Energy Consumption required to heat a standardised load in a cavity of a domestic gas-fired oven during a cycle, expressed in MJ, rounded to the second decimal place,~~
- ~~V = Volume of the cavity of the domestic oven in litres (L), rounded to the nearest integer,~~
- ~~ECelectric cavity = Energy consumption required to heat a standardised load in a cavity of an electric heated domestic oven during a cycle, expressed in kWh, rounded to the second decimal place,~~
- ~~ECgas cavity = Energy consumption required to heat a standardised load in a gas-fired cavity of a domestic oven during a cycle, expressed in MJ, rounded to the second decimal place.~~

2. ~~DOMESTIC RANGE HOODS~~Household cooking fume extractors

2.1. Calculation of the ~~Energy Efficiency Index (EEIhood)~~

household cooking fume extractor Energy Efficiency Index (EEIcfe)

The Energy Efficiency Index (EEIcfe) is calculated as:

$$EEI = \frac{FDE}{FDE_{ref}}$$

$$FDE_{ref} = 0.0001 \cdot W + 0.0678$$

$$W = \sum_{i=1}^{3} W_i \frac{t_i}{(t_1 + t_2 + t_3)}$$

Where Wi is the electric power input of the household cooking fume extractor in watts at the different speeds i.

FDE is calculated as follows:`

$$FDE = \sum_{i=1}^{3} FDE_i \frac{t_i}{(t_1 + t_2 + t_3)}$$

Where:

FDE is the fluid dynamic efficiency of the cooking fume extractor

i = 1 is minimum speed

i = 2 is maximum speed

i = 3 is boost speed

t1 = 20 min

t2 = 30 min

t3 = 10 min

Where the fluid dynamic efficiency of each specific speed FDE_i, is calculated as follows:

$$FDE_i = \frac{3}{\sum_{j=1}^{3} \frac{1}{\frac{p_{i,j}}{3600}\frac{Q_{i,j}}{W_{i,j}}}}$$

Where:

- FDEi is the fluid dynamic efficiency at the speed i
- p means pressure delivered;
- Q means airflow delivered;
- W means power consumed;
- j = 1: Crossing point with pressure curve 150 Pa at 200 m³/h;
- j = 2: Crossing point with pressure curve 30 Pa at 200 m³/h;
- j = 3: Crossing point with pressure curve 15 Pa at 200 m³/h.

~~The Energy Efficiency Index (EEIhood) is calculated as:~~

~~$$EEI_{hood} = \frac{AEC_{hood}}{SAEC_{hood}} \times 100$$~~

~~and is rounded to the first decimal place.~~

~~Where:~~

~~SAEChood is the Standard Annual Energy consumption of the domestic range hood in kWh/a, rounded to the first decimal place,~~

~~AEChood is the Annual Energy Consumption of the domestic range hood in kWh/a, rounded to the first decimal place.~~

~~The Standard Annual Energy Consumption (SAEChood) of a domestic range hood shall be calculated as:~~

~~$$SAEC_{hood} = 0{,}55 \times (W_{BEP} + W_L) + 15{,}3$$~~

~~Where:~~

~~WBEP is the electric power input of the domestic range hood at the best efficiency point, in Watt and rounded to the first decimal place,~~

~~— WL is the nominal electric power input of the lighting system of the domestic range hood on the cooking surface, in Watt and rounded to the first decimal place.~~

The Annual Energy Consumption (AEC<u>fce</u>~~hood~~) of a ~~domestic range hood~~<u>household cooking fume extractor</u> is calculated as:

(i) for the fully automatic <u>household cooking fume extractors</u>~~domestic range hoods~~:

$$AEC_{CFE} = [\frac{(W \times t_h \times f)}{60 \times 100} + \frac{P_0 \times (1440 - t_H \times f)}{2 \times 60 \times 1000} + \frac{P_S \times (1440 - t_H \times f)}{2 \times 60 \times 1000}] \times 365$$

~~▼C1~~

~~$$AEC_{hood} = \left[\frac{(W_{BEP} \times t_H \times f) + (W_L \times t_L)}{60 \times 1\,000} + \frac{P_o \times (1\,440 - t_H \times f)}{2 \times 60 \times 1\,000} + \frac{P_s \times (1\,440 - t_H \times f)}{2 \times 60 \times 1\,000}\right] \times 365$$~~

(ii) for all other ~~domestic range hoods~~<u>household cooking fume extractors</u>:

$$AEC_{CFE} = \frac{(W \times t_h \times f)}{60 \times 100} \times 365$$

~~$$AEC_{hood} = \frac{[W_{BEP} \times (t_H \times f) + W_L \times t_L]}{60 \times 1\,000} \times 365$$~~

Where:

<u>AEC_{CFE} is the annual energy consumption of the household cooking fume extractor in kWh/y, rounded to the second decimal place;</u>

<u>W is the electric power input of the household cooking fume extractor defined in point 2.1 in watts, rounded to the first decimal place;</u>

~~— tL is the average lighting time per day, in minutes (tL = 120),~~

— tH is the average running time per day for domestic range hoods, in minutes (tH = 60),

— Po is the electric power input in off-mode of the domestic range hood, in Watt and rounded to the second decimal place,

— Ps is the electric power input in standby mode of the domestic range hood, in Watt and rounded to the second decimal place,

— f is the time increase factor, calculated and rounded to the first decimal place, as:

$$f = 2 - \frac{(FDE \times 3.6)}{100}$$

~~$$f = 2 - (FDE_{hood} \times 3{,}6)/100$$~~

~~2.2. Calculation of the Fluid Dynamic Efficiency (FDEhood)~~

~~The Fluid Dynamic Efficiency (FDEhood) at the best efficiency point is calculated by the following formula, and is rounded to the first decimal place:~~

$$FDE_{hood} = \frac{Q_{BEP} \times P_{BEP}}{3\,600 \times W_{BEP}} \times 100$$

~~Where:~~

~~— QBEP is the flow rate of the domestic range hood at best efficiency point, expressed in m3/h and rounded to the first decimal place,~~

~~— PBEP is the static pressure difference of the domestic range hood at best efficiency point, expressed in Pa and rounded to the nearest integer,~~

~~— WBEP is the electric power input of the domestic range hood at the best efficiency point, expressed in Watt and rounded to the first decimal place.~~

~~2.3. Calculation of the Lighting Efficiency (LEhood)~~

~~The Lighting Efficiency (Lehood) of a domestic range hood means the ratio between the average illumination and the nominal electric power input of the lighting system. It shall be calculated in lux per Watt and rounded at the nearest integer, as:~~

$$LE_{hood} = \frac{E_{middle}}{W_L}$$

~~Where:~~

~~— Emiddle is the average illumination of the lighting system on the cooking surface measured under standard conditions, in lux and rounded to the nearest integer,~~

~~— WL is the nominal electric power input of the lighting system of the domestic range hood on the cooking surface, in Watt and rounded to the first decimal place.~~

2.3~~4~~. Calculation of the Grease Filtering Efficiency (~~GFEhood~~GFE)

The Grease Filtering Efficiency (~~GFEhood~~GFE) of a ~~domestic~~household ~~range hood~~cooking fume extractor means the relative amount of grease retained within the ~~range hood~~cooking fume extractor grease filters. It shall be calculated and rounded to the first decimal place as:

$$GFE = \frac{w_g}{w_r + w_t + w_g} \times 100\ [\%]$$

~~$$GFE_{hood} = [w_g / (w_r + w_t + w_g)] \times 100\ [\%]$$~~

Where:

—wg = the mass of oil in the grease filter, including all detachable coverings, in g and rounded to the first decimal place,
—wr = the mass of oil retained in the airways of the ~~range hood~~cooking fume extractor, in g and rounded to the first decimal place,
—wt = the mass of oil retained in the absolute filter, in g and rounded to the first decimal place.

2.~~4~~5. Noise

The Noise Value (in dB) is measured as the airborne acoustical A-weighted sound power emissions (weighted average value – LWA) of a ~~domestic~~household ~~range hood~~cooking fume extractor at the highest setting for normal use, rounded to the nearest integer.

A

NNEX III

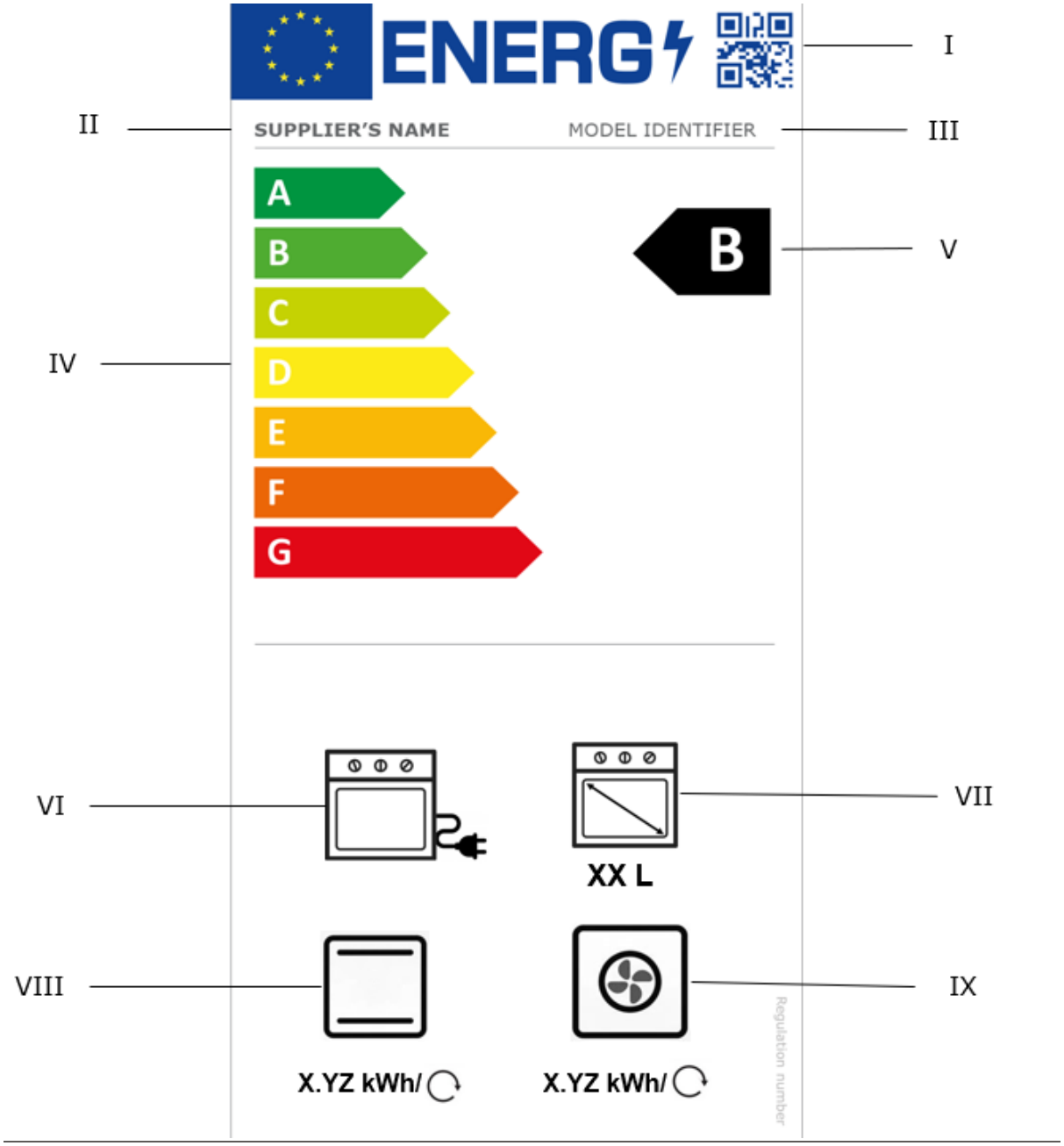
Note: To be developed

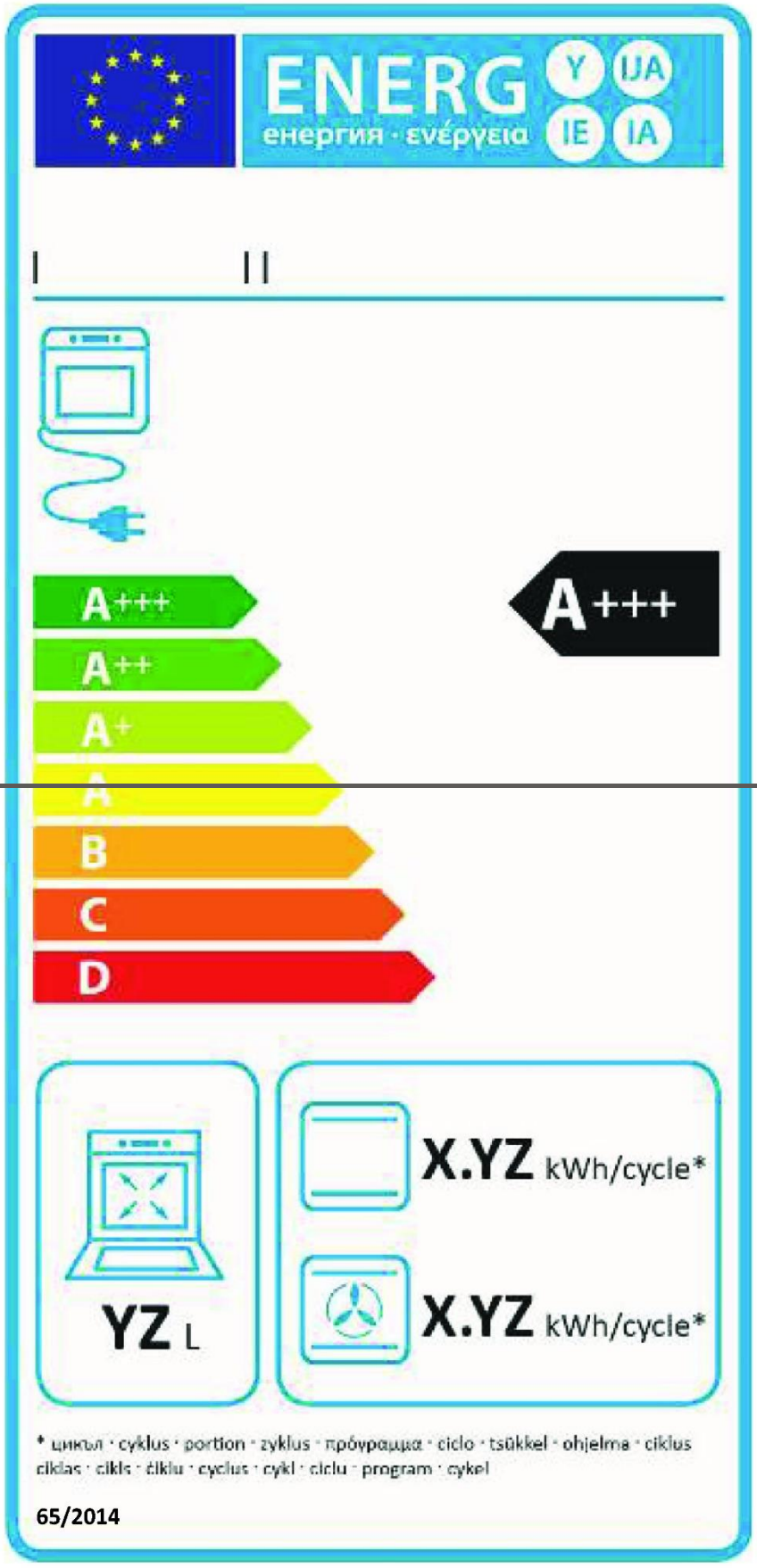
The label

1. LABEL FOR ~~DOMESTIC~~ HOUSEHOLD OVENS

1.1. ~~Domestic~~ Household electric ovens

1.1.1. Label presentation — for each cavity of a ~~domestic~~ household electric oven


ENERG
I
II
SUPPLIER'S NAME
MODEL IDENTIFIER
III
A
B
C
D
E
F
G
B
V
IV
VI
VII
XX L
VIII
IX
X.YZ kWh/
X.YZ kWh/
Regulation number



I,II

III

IV

V, VI

1.1.2. Label information — ~~domestic~~ household electric ovens

The following information shall be included in the label:

I QR code;

II trademark;

III model identifier;

IV scale of energy efficiency classes from A to G;

V the energy efficiency class determined in accordance with Annex II; the head of the arrow containing the energy efficiency class of the household oven shall be placed at the same height as the head of the arrow of the relevant energy efficiency class;

~~I. Supplier's name or trade mark;~~

~~II. Supplier's model identifier, where 'model identifier' means the code, usually alphanumeric, which distinguishes a specific domestic oven model from other models with the same trade mark or supplier's name;~~

VI ~~III.~~ Energy source of the ~~domestic~~ household oven;

~~IV. The energy efficiency class of the cavity determined in accordance with Annex I. The head of the arrow containing the indicator letter shall be placed at the same height as the head of the arrow of the relevant energy efficiency class;~~

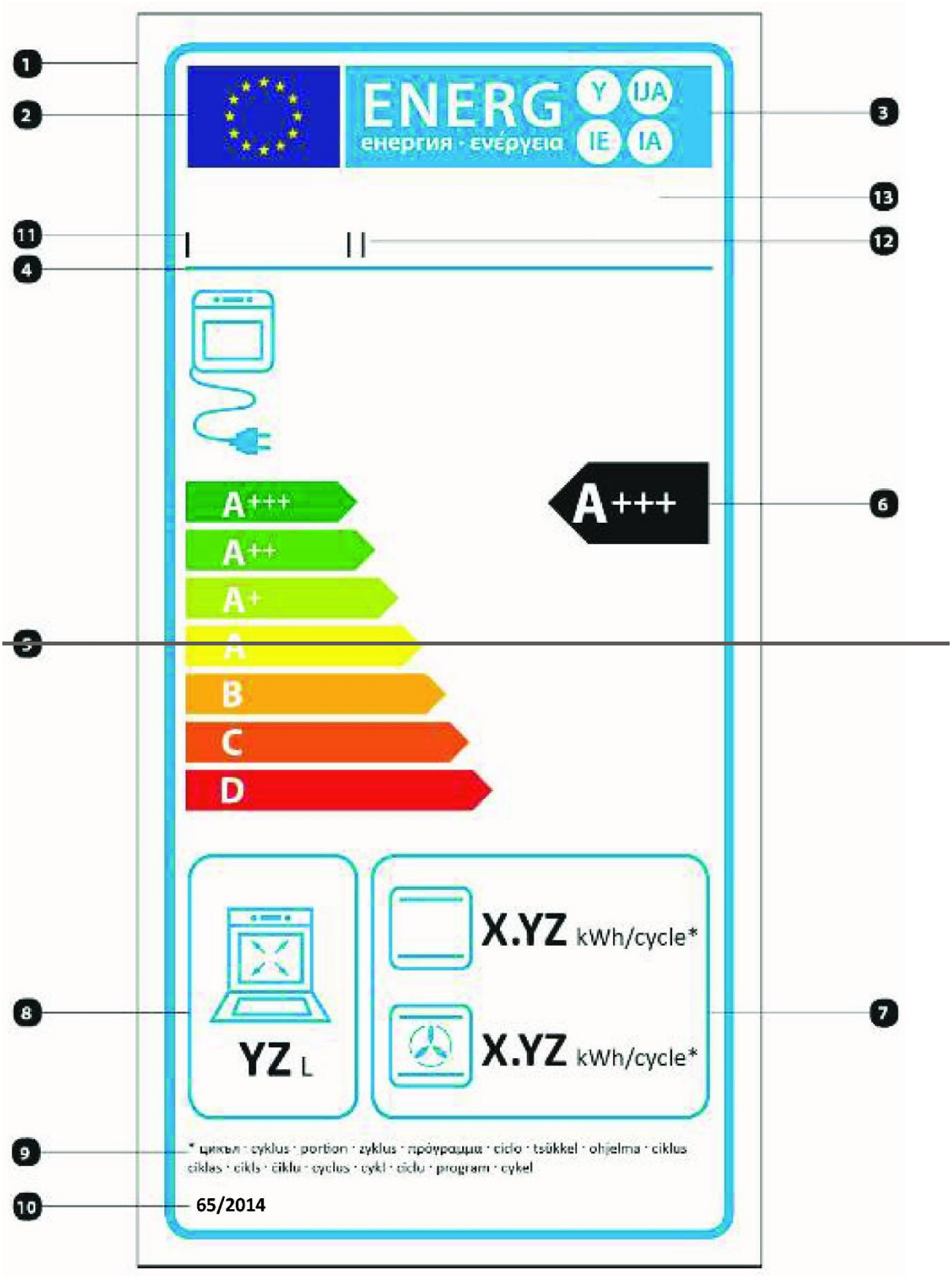
VII~~V.~~ Usable volume of the cavity in litres, rounded to the nearest integer;

~~VI.~~ VIII Energy consumption per cycle expressed in kWh/cycle (electricity consumption) for the conventional heating function ~~(s) (conventional and if available the forced air convection)~~ of the cavity based on standard load determined in accordance with the test procedures, rounded to the second decimal place (ECelectric cavity).

IX Energy consumption per cycle expressed in kWh/cycle (electricity consumption) for the forced air convenction heating function of the cavity based on standard load determined in accordance with the test procedures, rounded to the second decimal place (ECelectric cavity).

~~1.1.3. Label design — domestic electric ovens~~

~~The design of the label for each cavity of a domestic electric oven shall be as in the following figure:~~



~~Whereby:~~

~~(i) The label shall be at least 85 mm wide and 170 mm high. Where the label is printed in a larger format, its content shall nevertheless remain proportionate to the specifications above.~~

(ii) The background shall be white.

(iii) Colours shall be CMYK — cyan, magenta, yellow and black, following this example: 00-70-X-00: 0 % cyan, 70 % magenta, 100 % yellow, 0 % black.

(iv) The label shall fulfil all of the following requirements (numbers refer to the figure above):

1. Border stroke: 4 pt — colour: cyan 100 % — round corners: 3 mm.

2. EU logo: colours: X-80-00-00 and 00-00-X-00.

3. Energy logo: colour: X-00-00-00; pictogram as depicted: EU logo + energy label: width: 70 mm, height: 14 mm.

4. Sub-logos border: 1,5 pt — colour: cyan 100 % — length: 70 mm.

5. Scale of energy classes

— Arrow: height: 5,5 mm, gap: 1 mm — colours:

—

-

Highest class: X-00-X-00

Second class: 70-00-X-00

Third class: 30-00-X-00

Fourth class: 00-00-X-00

Fifth class: 00-30-X-00

Sixth class: 00-70-X-00

Last class: 00-X-X-00

— Text: Calibri bold 18 pt, capitals and white; '+' symbol: Calibri bold 12 pt, white, aligned on a single row.

6. Energy efficiency class

— Arrow: width: 20 mm, height: 10 mm, 100 % black;

— Text: Calibri bold 24 pt, capitals and white; '+' symbol: Calibri bold 18 pt, white, aligned on a single row.

7. Energy consumption per cycle

~~— Border: 1,5 pt — colour: cyan 100 % — round corners: 3 mm.~~

~~— Value: Calibri bold 19 pt, 100 % black; and Calibri regular 10 pt, 100 % black.~~

~~8 Volume~~

~~— Border: 1,5 pt — colour: cyan 100 % — round corners: 3 mm.~~

~~— Value: Calibri bold 20 pt, 100 % black; and Calibri regular 10 pt, 100 % black.~~

~~9 Asterisk: Calibri regular 6 pt, 100 % black.~~

~~10 Numbering of the Regulation: Calibri bold 10 pt, 100 % black~~

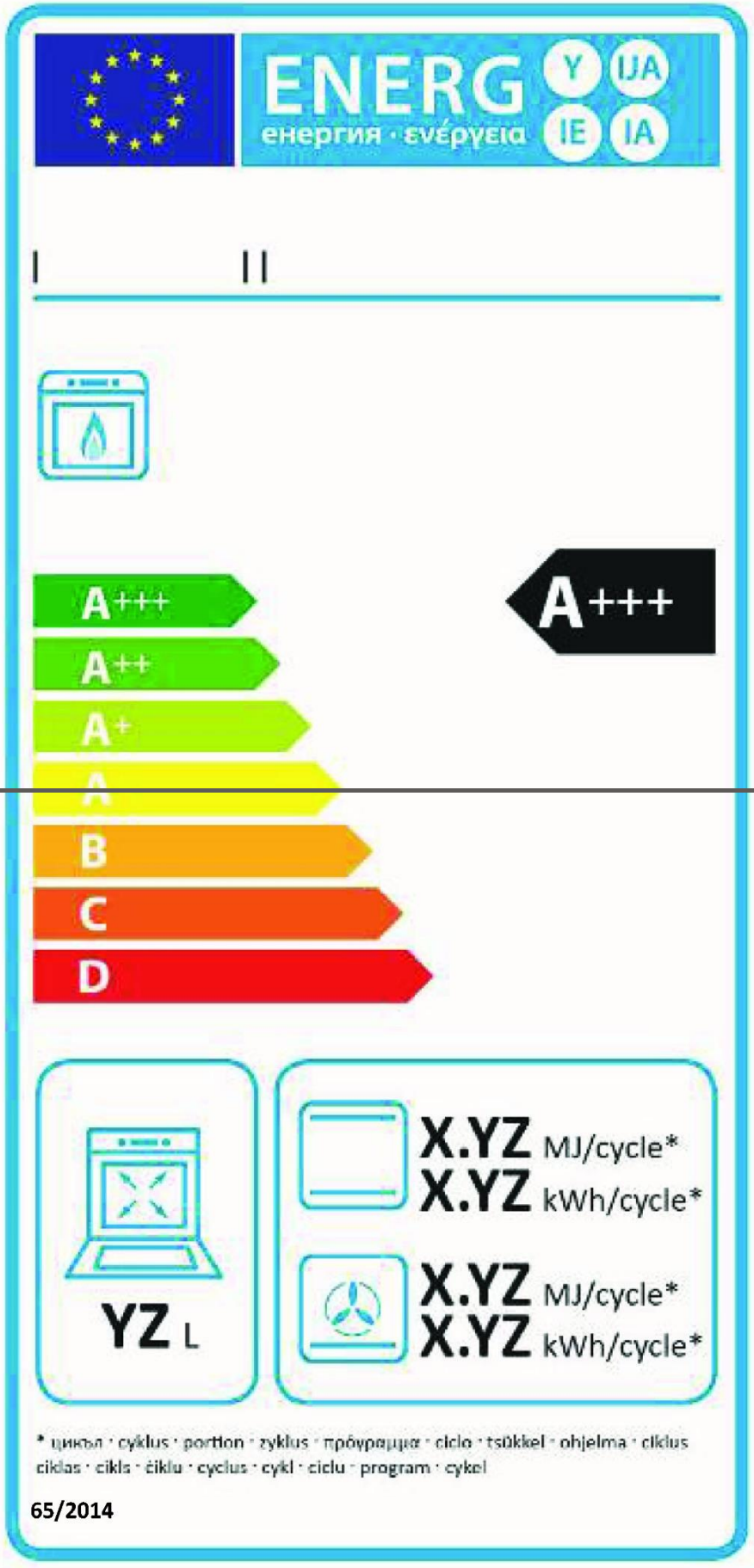
~~11 Supplier's name or trademark~~

~~12 Supplier's model identifier~~

~~13 The suppliers' name or trade mark and model identifier should fit in a space of 70 × 13 mm.~~

1.2. ~~Domestic~~ Household gas ovens

1.2.1. Label presentation — for each cavity of a ~~domestic~~ household gas oven

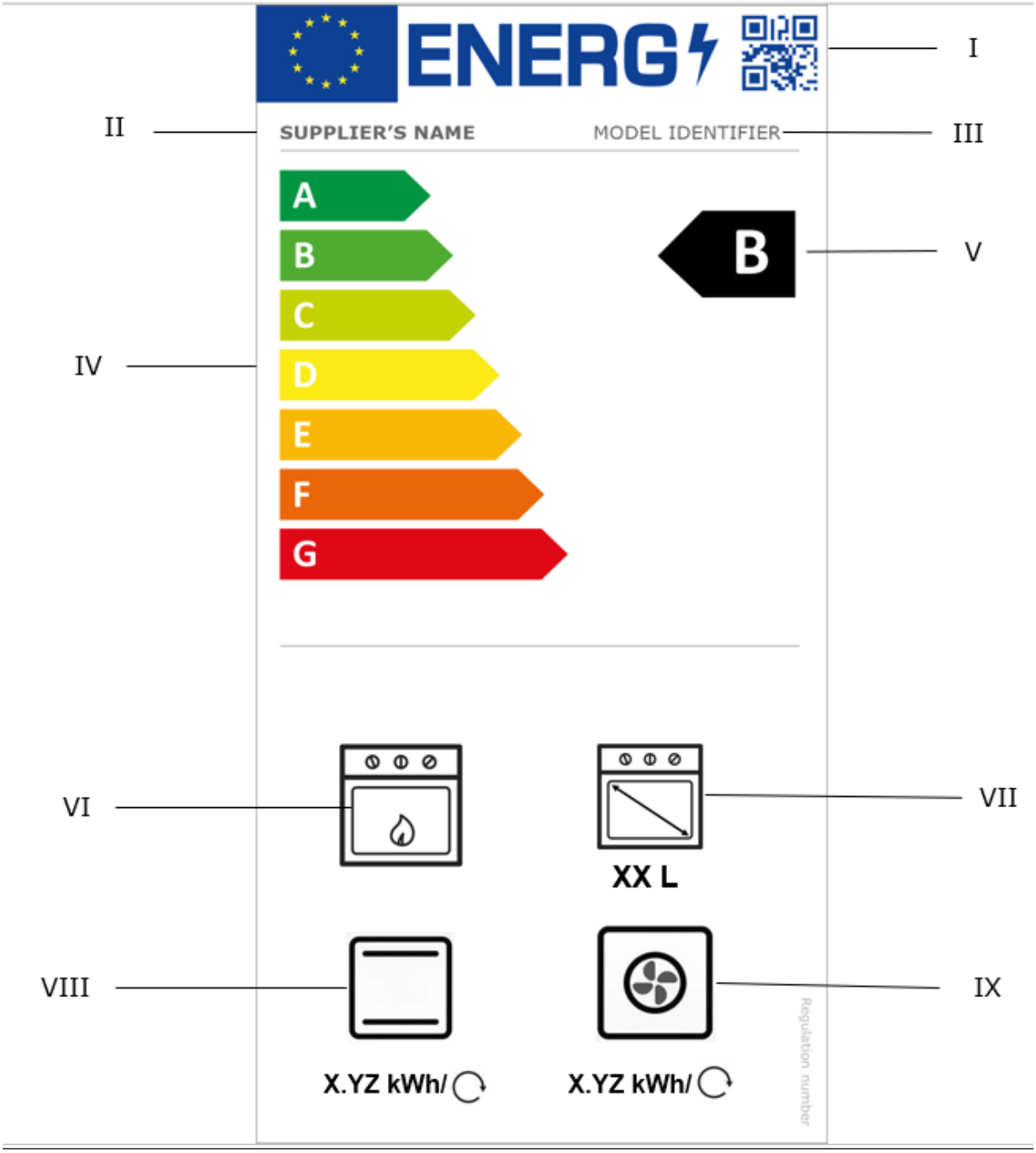


I, II

III

IV

V, VI



1.2.2. Label information

The following information shall be included in the label:

I QR code;

II trademark;

III model identifier;

IV scale of energy efficiency classes from A to G;

V the energy efficiency class determined in accordance with Annex II; the head of the arrow containing the energy efficiency class of the household oven shall be placed at the same height as the head of the arrow of the relevant energy efficiency class;

VI Energy source of the household oven;

VII Usable volume of the cavity in litres, rounded to the nearest integer;

VIII Energy consumption per cycle expressed in kWh/cycle (electricity consumption) for the conventional heating function of the cavity based on standard load determined in accordance with the test procedures, rounded to the second decimal place (ECelectric cavity).

IX Energy consumption per cycle expressed in kWh/cycle (electricity consumption) for the forced air convenction heating function of the cavity based on standard load determined in accordance with the test procedures, rounded to the second decimal place (ECelectric cavity).

~~I. Supplier's name or trade mark;~~

~~II. Supplier's model identifier, where 'model identifier' means the code, usually alphanumeric, which distinguishes a specific domestic oven model from other models with the same trade mark or supplier's name;~~

~~III. Energy source of the domestic oven;~~

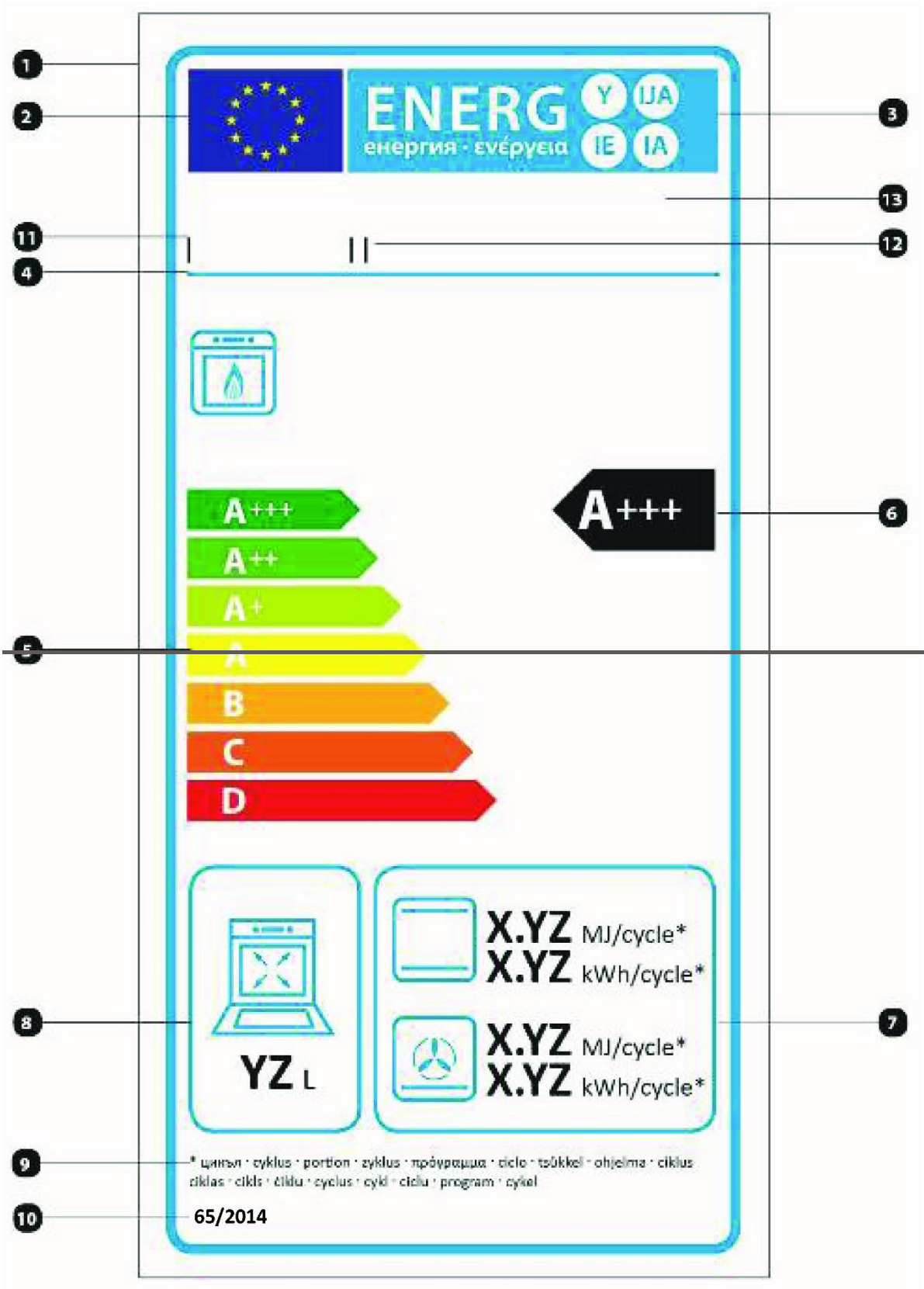
~~IV. The energy efficiency class of the cavity determined in accordance with Annex I. The head of the arrow containing the indicator letter shall be placed at the same height as the head of the arrow of the relevant energy efficiency class;~~

~~V. Usable volume of the cavity in litres, rounded to the nearest integer;~~

~~VI. Energy consumption per cycle expressed in MJ/cycle and in kWh/cycle (2) (gas consumption) for the heating function(s) (conventional and if available the forced air convection) of the cavity based on standard load determined in accordance with the test procedures, rounded to the second decimal place (ECgas cavity).~~

~~1.2.3. Label design — domestic gas ovens~~

~~The design of the label for each cavity of a domestic gas oven shall be as in the following figure:~~



~~Whereby:~~

~~(i) The label shall be at least 85 mm wide and 170 mm high. Where the label is printed in a larger format, its content shall nevertheless remain proportionate to the specifications above.~~

(ii) The background shall be white.

(iii) Colours shall be CMYK — cyan, magenta, yellow and black, following this example: 00-70-X-00: 0 % cyan, 70 % magenta, 100 % yellow, 0 % black.

(iv) The label shall fulfil all of the following requirements (numbers refer to the figure above):

1. Border stroke: 4 pt — colour: cyan 100 % — round corners: 3 mm.

2. EU logo: colours: X-80-00-00 and 00-00-X-00.

3. Energy logo: colour: X-00-00-00; pictogram as depicted: EU logo + energy label: width: 70 mm, height: 14 mm.

4. Sub-logos border: 1,5 pt — colour: cyan 100 % — length: 70 mm.

5. Scale of energy classes

— Arrow: height: 5,5 mm, gap: 1 mm — colours:

—

-

Highest class: X-00-X-00

Second class: 70-00-X-00

Third class: 30-00-X-00

Fourth class: 00-00-X-00

Fifth class: 00-30-X-00

Sixth class: 00-70-X-00

Last class: 00-X-X-00

— Text: Calibri bold 18 pt, capitals and white; '+' symbol: Calibri bold 12 pt, white, aligned on a single row.

6. Energy efficiency class

— Arrow: width: 20 mm, height: 10 mm, 100 % black;

— Text: Calibri bold 24 pt, capitals and white; '+' symbol: Calibri bold 18 pt, white, aligned on a single row.

7. Energy consumption per cycle

~~— Border: 1,5 pt — colour: cyan 100 % — round corners: 3 mm.~~

~~— Value: Calibri bold 19 pt, 100 % black; and Calibri regular 10 pt, 100 % black.~~

~~8 Volume~~

~~— Border: 1,5 pt — colour: cyan 100 % — round corners: 3 mm.~~

~~— Value: Calibri bold 20 pt, 100 % black; and Calibri regular 10 pt, 100 % black.~~

~~9 Asterisk: Calibri regular 6 pt, 100 % black.~~

~~10 Numbering of the Regulation: Calibri bold 10 pt, 100 % black~~

~~11 Supplier's name or trademark~~

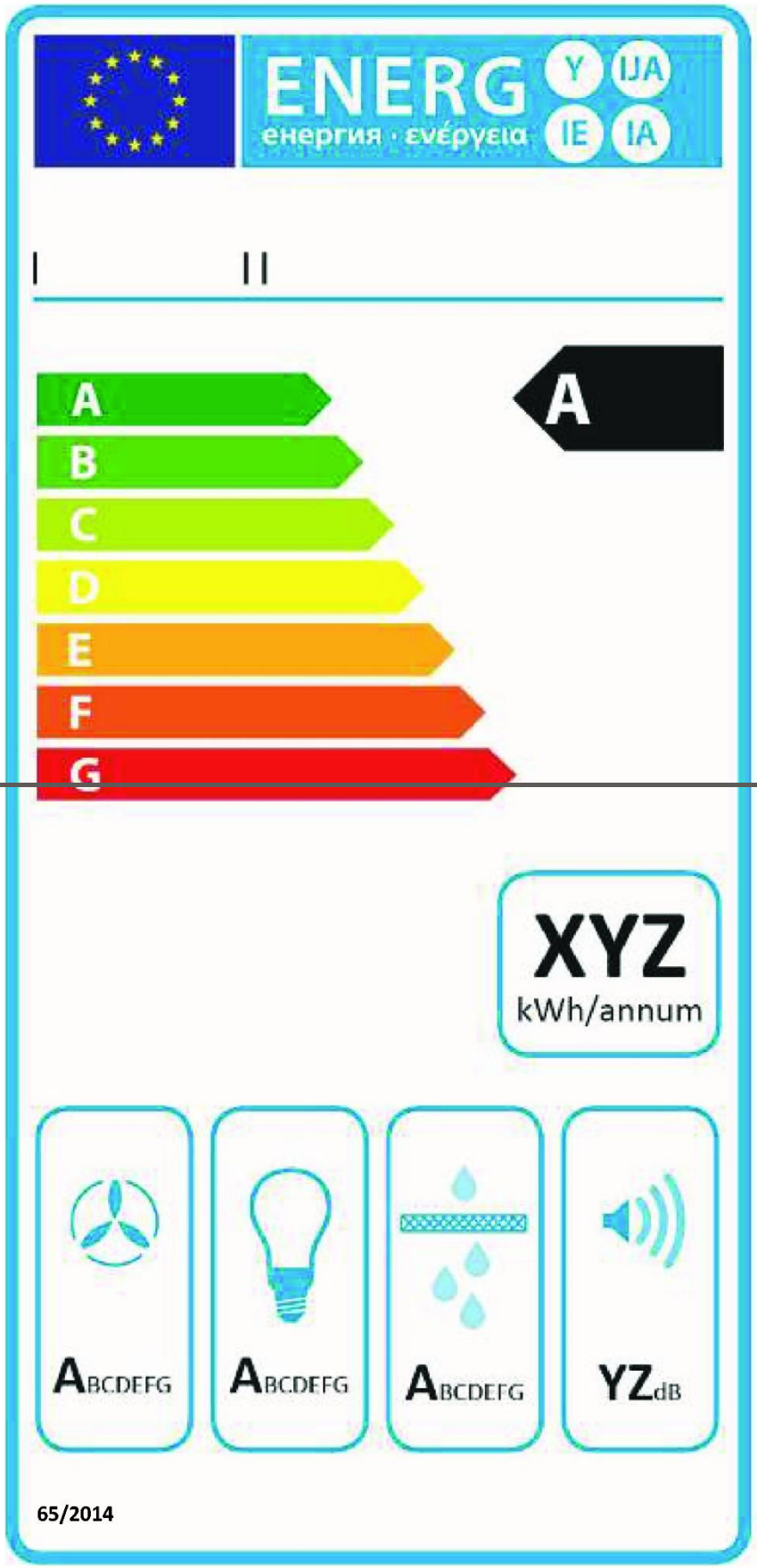
~~12 Supplier's model identifier~~

~~13 The suppliers' name or trade mark and model identifier should fit in a space of 70 × 13 mm.~~

2. LABEL FOR ~~DOMESTIC RANGE HOODS~~HOUSEHOLD COOKING FUME EXTRACTORS

2.1. Label format~~s~~

~~2.1.1. Domestic range hoods in energy efficiency classes A to G (label 1)~~



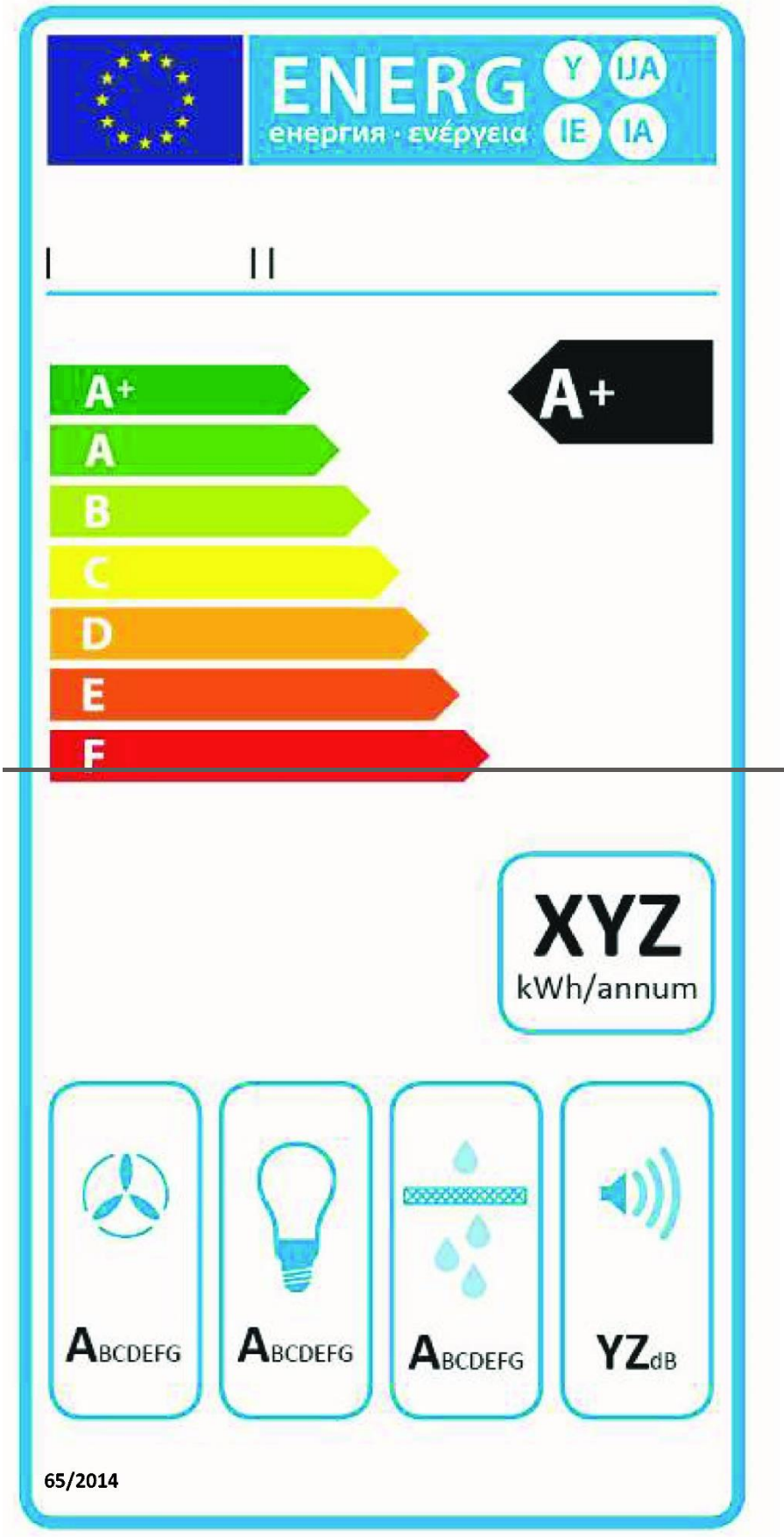
I, II

III

IV

V, VI, VII, VIII

~~2.1.2. Domestic range hoods in energy efficiency classes A+ to F (label 2)~~



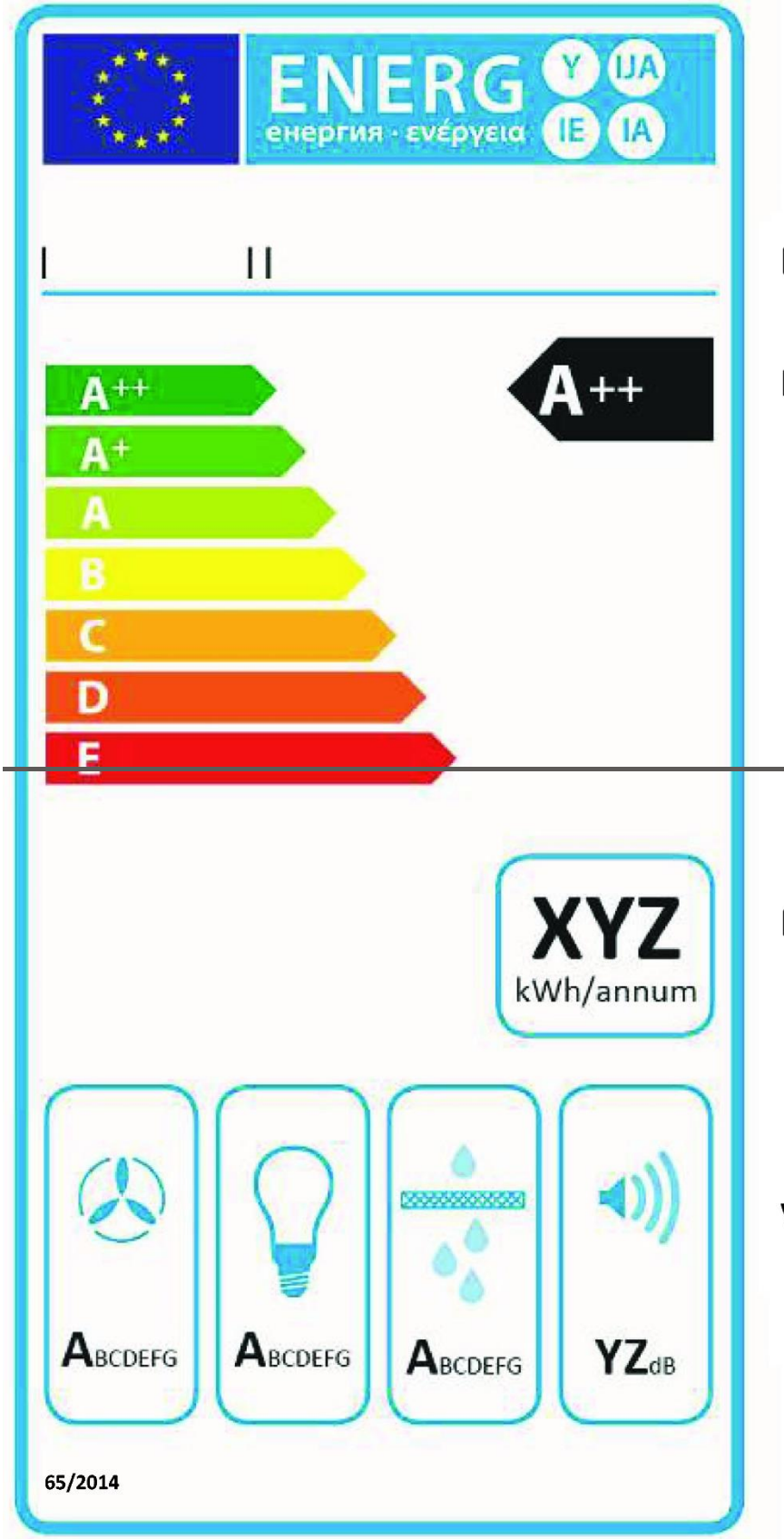
I, II

III

IV

V, VI, VII, VIII

~~2.1.3. Domestic range hoods in energy efficiency classes A++ to E (label 3)~~



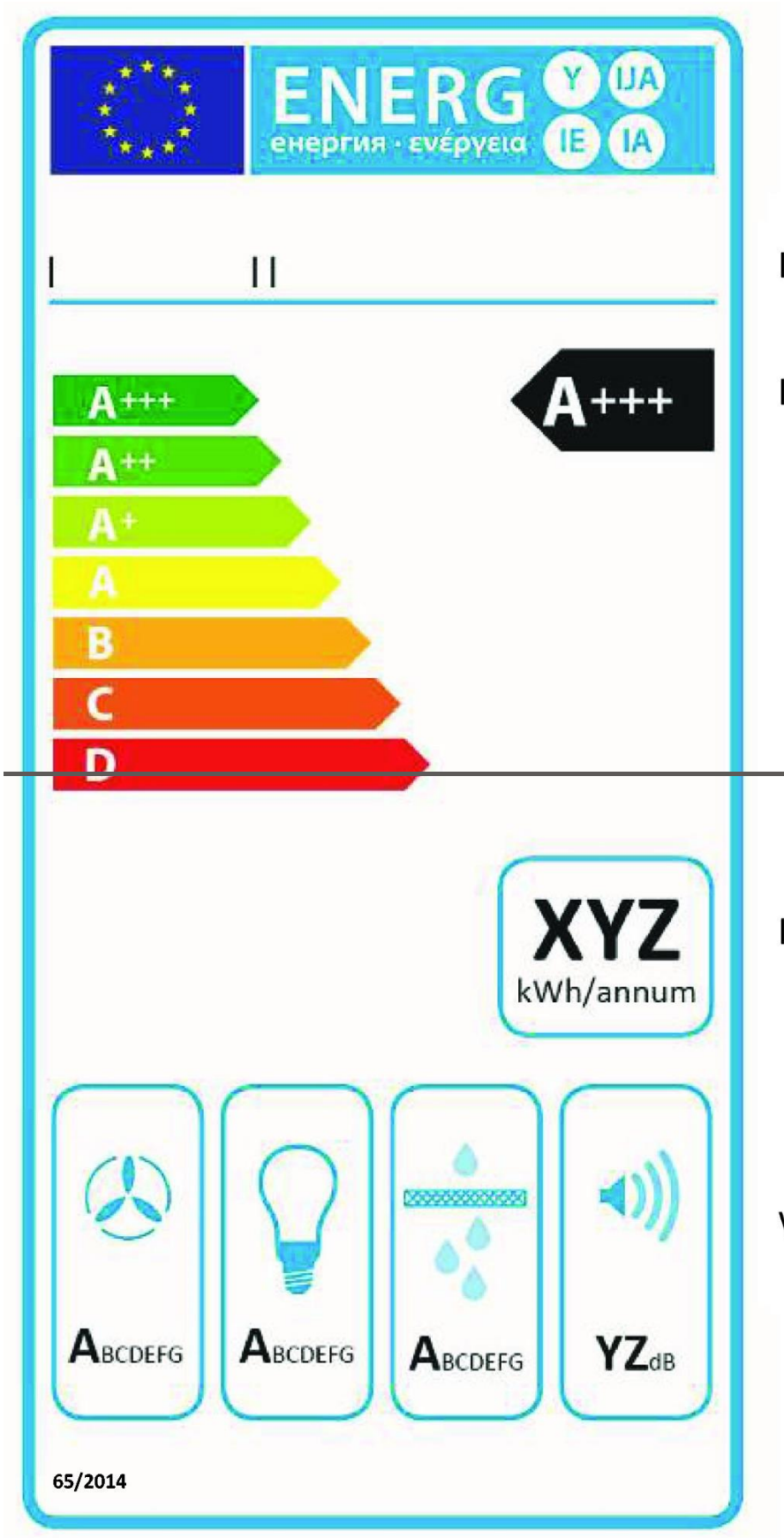
I, II

III

IV

V, VI, VII, VIII

~~2.1.4. Domestic range hoods in energy efficiency classes A+++ to D (label 4)~~

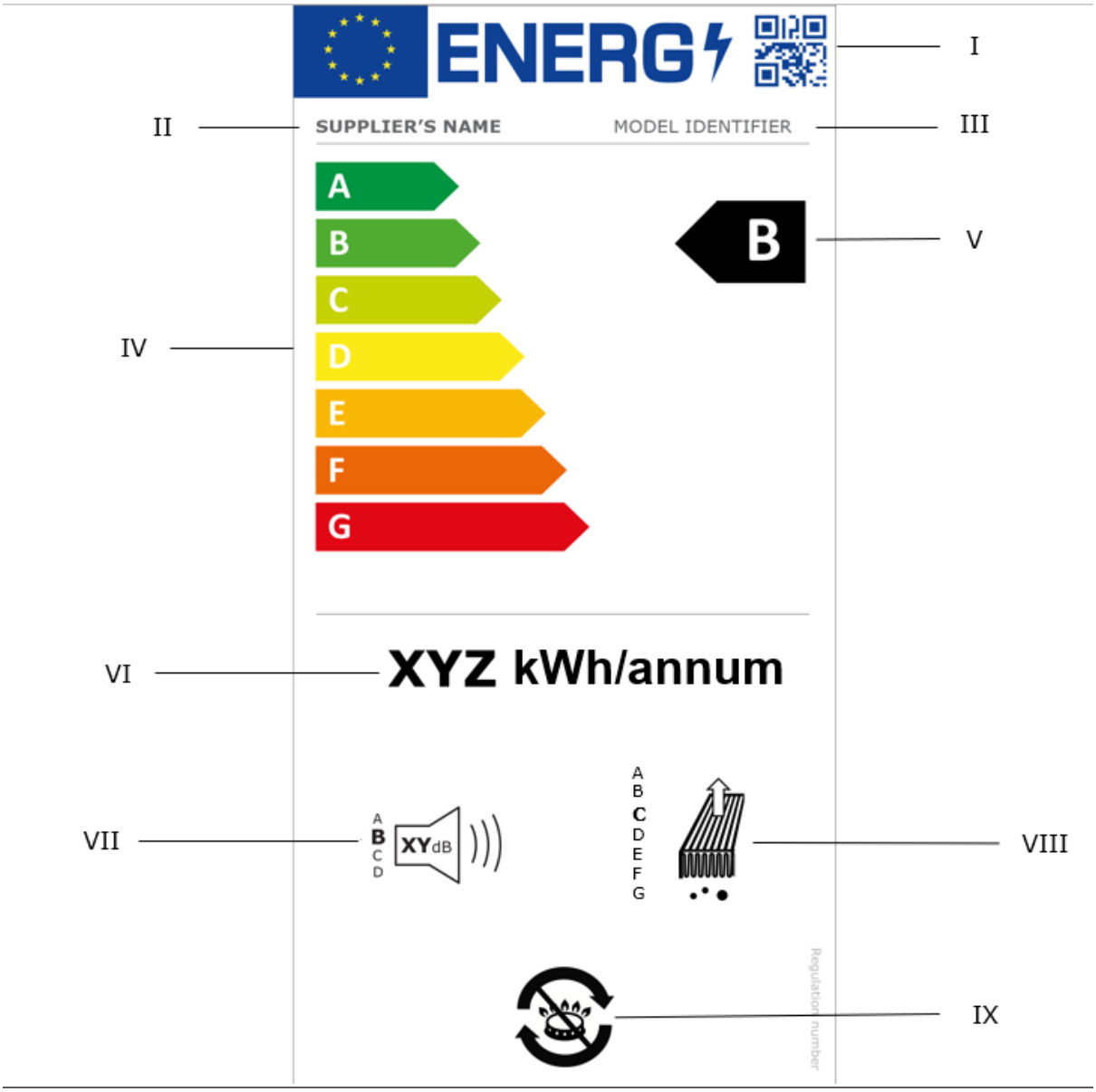


I, II

III

IV

V, VI, VII, VIII



2.2. Label information — domestic range hoods

The following information shall be included in the label:

I QR code;

II trademark;

III model identifier;

IV scale of energy efficiency classes from A to G;

V the energy efficiency class determined in accordance with Annex II; the head of the arrow containing the energy efficiency class of the household cooking fume extractor shall be placed at the same height as the head of the arrow of the relevant energy efficiency class;

VI Annual energy consumption of the household cooking fume extractor (AECcfe) as calculated in Annex VIII, in kWh rounded to the nearest integer;

VII acoustic airborne noise emission class, with relevant logo and value in dB(A) rounded to the nearest integer, determined in accordance with Annex VIII;

VIII Grease filtering efficiency, determined according to Annex VIII.

IX For household cooking fume extractors with recirculation function, indication that the recirculation should not be used with gas hobs because it cannot decrease NOx emissions due to the function of the gas hob.

~~I. Supplier's name or trade mark;~~

~~II. Supplier's model identifier, where 'model identifier' means the code, usually alphanumeric, which distinguishes a specific domestic range hood model from other models with the same trade mark or supplier's name;~~

~~III. The energy efficiency class of the domestic range hood, determined in accordance with Annex I. The head of the arrow containing the energy efficiency class of the domestic range hood shall be placed at the same height as the head of the arrow of the relevant energy efficiency class;~~

~~IV. Annual energy consumption (AEChood) calculated in accordance with Annex II, in kWh rounded to the nearest integer;~~

~~V. The Fluid Dynamic Efficiency class determined in accordance with Annex I;~~

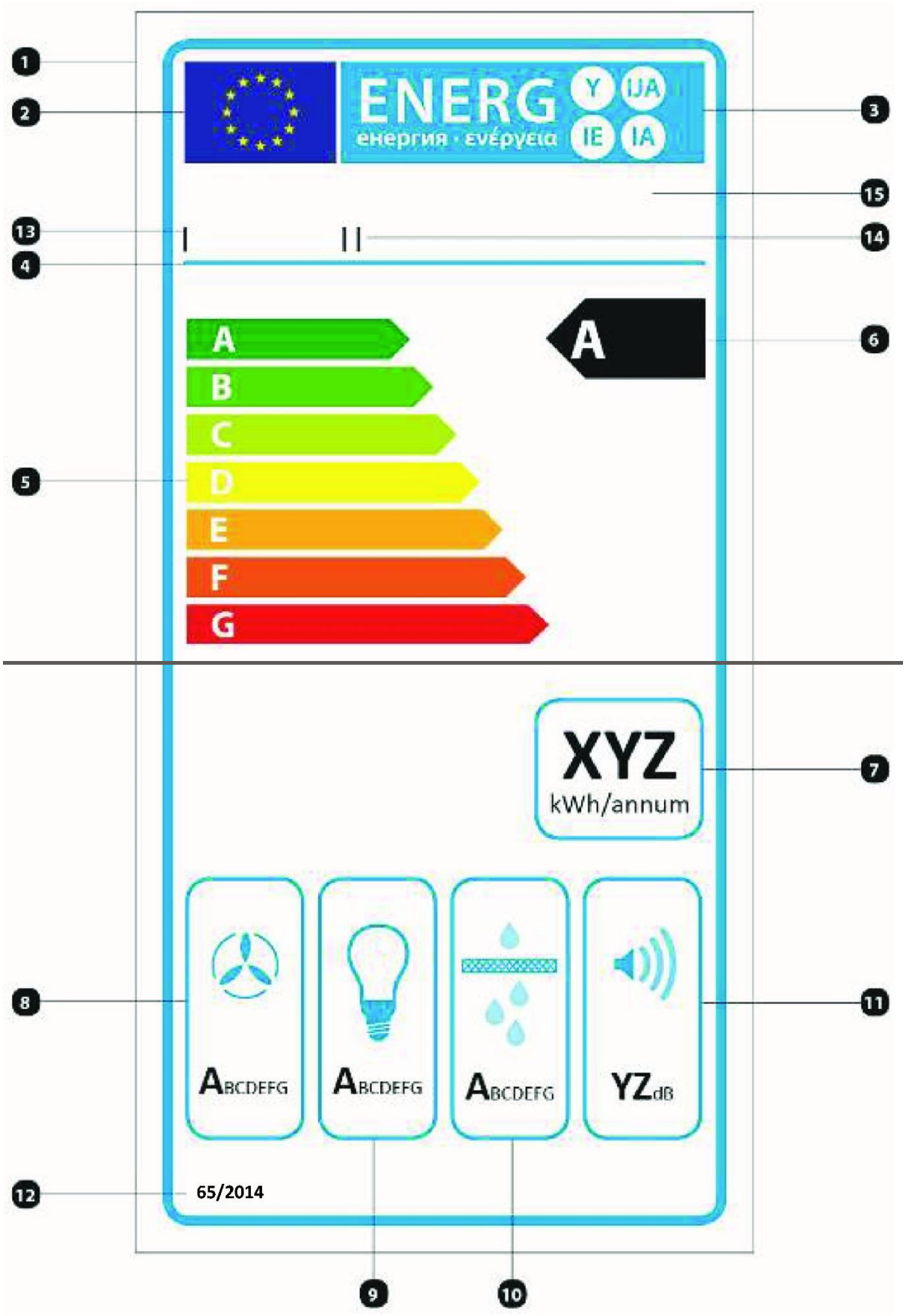
~~VI. The Lighting Efficiency class determined in accordance with Annex I;~~

~~VII. The Grease Filtering Efficiency class determined in accordance with Annex I;~~

~~VIII. The Noise Value, determined in accordance with point 2.5 of Annex II, rounded to the nearest integer.~~

~~2.3. Label design – domestic range hoods~~

~~The design of the label shall be as in the following figure:~~


1
2
3
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13
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7
8
11
12
9
10
ENERG
енергия · ενέργεια
Y
IJA
IE
IA
A
B
C
D
E
F
G
A
XYZ
kWh/annum
ABCDEFG
ABCDEFG
ABCDEFG
YZdB
65/2014

~~Whereby:~~

(i) The label shall be at least 60 mm wide and 120 mm high. Where the label is printed in a larger format, its content shall nevertheless remain proportionate to the specifications above.

(ii) The background shall be white.

(iii) Colours shall be CMYK — cyan, magenta, yellow and black, following this example: 00-70-X-00: 0 % cyan, 70 % magenta, 100 % yellow, 0 % black.

(iv) The label shall fulfil all of the following requirements (numbers refer to the figure above):

1 Border stroke: 3 pt — colour: Cyan 100 % — round corners: 2 mm.

2 EU logo: colours: X-80-00-00 and 00-00-X-00.

3 Energy logo: colour: X-00-00-00; pictogram as depicted: EU logo + energy label: width: 51 mm, height: 10 mm.

4 Sub-logos border: 1 pt — colour: Cyan 100 % — length: 51 mm.

5 Scale of energy classes

— Arrow: height: 4 mm, gap: 0,75 mm — colours:

—

-

Highest class: X-00-X-00

Second class: 70-00-X-00

Third class: 30-00-X-00

Fourth class: 00-00-X-00

Fifth class: 00-30-X-00

Sixth class: 00-70-X-00

Last class: 00-X-X-00

— Text: Calibri bold 10 pt, capitals and white; '+' symbol: Calibri bold 7 pt, white, aligned on a single row.

6 Energy efficiency class

— Arrow: width: 15 mm, height: 8 mm, 100 % black;

— Text: Calibri bold 17 pt, capitals and white; '+' symbol: Calibri bold 12 pt, white, aligned on a single row.

❼ Annual energy consumption

— Border: 1 pt — colour: cyan 100 % — round corners: 2,5 mm.

— Value: Calibri bold 21 pt, 100 % black; and Calibri regular 8 pt, 100 % black.

❽ Fluid Dynamic Efficiency

— Pictogram as depicted

— Border: 1 pt — colour: cyan 100 % — round corners: 2,5 mm.

— Value: Calibri regular 6 pt, 100 % black; and Calibri bold 11,5 pt, 100 % black.

❾ Lighting Efficiency

— Pictogram as depicted

— Border: 1 pt — colour: cyan 100 % — round corners: 2,5 mm.

— Value: Calibri regular 6 pt, 100 % black; and Calibri bold 11,5 pt, 100 % black.

❿ Grease Filtering Efficiency

— Pictogram as depicted

— Border: 1 pt — colour: cyan 100 % — round corners: 2,5 mm.

— Value: Calibri regular 10 pt, 100 % black; and Calibri bold 14 pt, 100 % black.

⓫ Noise level

— Pictogram as depicted

— Border: 1 pt — colour: cyan 100 % — round corners: 2,5 mm.

— Value: Calibri regular 6 pt, 100 % black; and Calibri bold 11,5 pt, 100 % black.

⓬ Numbering of the Regulation: Calibri bold 8 pt, 100 % black

⓭ Supplier's name or trademark

⓮ Supplier's model identifier

⓯ The suppliers' name or trade mark and model identifier should fit in a space of 51 × 9 mm.

ANNEX IV

~~Fiche~~ Product Information Sheet

~~A~~

1. GENERAL

The information in the product information sheet of the products presented hereafter shall be provided in the format of the tables given and shall be included in the product brochure or other literature provided with the product.

The information contained in the product information sheet may be given in the form of a copy of the label, either in colour or in black and white. Where this is the case, the information listed in point 1.1 not already displayed on the label shall also be provided. The product fiche required under Article 3, point (b), of Implementing Regulation (EU) No ……(Ecodesign Regulation) may be made available through the product database instead of being provided in printed form with the product. However, where the dealer so requests, the supplier shall ensure that the product fiche is made available in printed form.

The user manual or other literature provided with the product shall clearly indicate the link to the model in the product database as a human-readable Uniform Resource Locator (URL) or as a QR code or by providing the product registration number.

2. OVENS

Table 4a

Common information for all household ovens

	Symbol	**Value**	**Unit**
Supplier's name or trademark:	**NA**	**NA**	**NA**
Model identification			
Type of oven			
Mass of the appliance	M	X,X	kg
Number of cavities		X	
Heat source per cavity (electricity or gas)			
Volume per cavity	V	X	l

Table 4b

Information for household ovens including when incorporated in cookers or when equipped with microwave heating without turntable

Energy consumption (electricity) required to heat a standardised load in a cavity of an electric heated oven during a cycle in conventional mode per cavity (electric final energy)	$EC_{electric\ cavity}$	X,XX	kWh/cycle
Energy consumption required to heat a standardised load in a cavity of an electric heated oven during a cycle in fan-forced mode per cavity (electric final energy)	$EC_{electric\ cavity}$	X,XX	kWh/cycle
Energy consumption required to heat a standardised load in a gas-fired cavity of an oven during a cycle in conventional mode per cavity (gas final energy)	$EC_{gas\ cavity}$	X,XX X,XX	MJ/cycle kWh/cycle
Energy consumption required to heat a standardised load in a gas-fired cavity of an oven during a cycle in fan-forced mode per cavity (gas final energy)	$EC_{gas\ cavity}$	X,XX X,XX	MJ/cycle kWh/cycle
Energy Efficiency Index per cavity	EEI_{cavity}	X,X	

Table 4c

Information for microwave ovens

Output power	P	X,XX	W
Energy Efficiency	EE	X,X	%

3. COOKING FUME EXTRACTOR

Table 6

Information for household cooking fume extractors

	Symbol	**Value**	**Unit**
Supplier's name or trademark:	**NA**	**NA**	**NA**
Model identification			
Annual Energy Consumption	AEC_{hood}	X,X	kWh/a
Time increase factor	f	X,X	
Fluid Dynamic Efficiency	FDE	X,X	
Energy Efficiency Index	EEI_{hood}	X,X	
Measured air flow rate	Q	X,X	m^3/h
Measured air pressure	P	X	Pa

Maximum air flow	Q_{max}	X,X	m^3/h
Average air flow	Qavg	X,X	m^3/h
Minimum time needed to renew the air of a 5 m^2 kitchen (with a ceiling height of 2.7 m)	t	X	min
Minimum time needed to renew the air of a 10 m^2 kitchen (with a ceiling height of 2.7 m)	t	X	min
Minimum time needed to renew the air of a 20 m^2 kitchen (with a ceiling height of 2.7 m)	t	X	min
Measured electric power input	W	X,X	W
Nominal power of the lighting system	W_L	X,X	W
Average illumination of the lighting system on the cooking surface	E_{middle}	X	lux
Measured power consumption in standby mode	P_s	X,XX	W
Measured power consumption off mode	P_o	X,XX	W
Measured power consumption in networked standby	Pns	X,XX	W
Sound power level	L_{WA}	X	dB
Odour reduction factor	ORF	X	%
Grease filtering efficiency	**GFE**	X	%

~~. FICHE FOR DOMESTIC OVENS~~

~~1. The information in the product fiche of the domestic ovens referred to in Article 3(1)(a)(ii) shall be given as defined below and in the order specified below, and shall be included in the product brochure or other literature provided with the product:~~

~~(a) supplier's name or trade mark;~~

~~(b) supplier's model identifier which means the code, usually alphanumeric, which distinguishes a specific domestic oven model from other models with the same trade mark or supplier's name and with different declared values for any of the parameters included in the label for the domestic oven (point 1 of Annex III);~~

~~(c) the energy efficiency index (EEIcavity) for each cavity of the model calculated in accordance with point 1 of Annex II and rounded to the first decimal place; the declared energy efficiency index shall not exceed the index reported in the technical documentation in Annex V;~~

(d) the energy efficiency class of the model for each cavity as defined in Table 1 of Annex I; the declared class shall not be more favourable than the class reported in the technical documentation in Annex V;

(e) the energy consumption per cycle for each cavity if available in conventional mode and in fan-forced convection mode (the measured energy consumption shall be expressed in kWh (electric and gas ovens) and in MJ (gas ovens), rounded to two decimal place); the declared value shall not be lower than the value reported in the technical documentation in Annex V;

(f) the number of cavities; the heat source(s) per cavity; and the volume of each cavity.

2. 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 66/2010 of the European Parliament and of the Council of 25 November 2009 (3), a copy of the eco-label may be added.

3. One fiche may cover a number of domestic oven models supplied by the same supplier.

4. The information contained in the fiche may be given in the form of a copy of the label of each cavity (either in colour or in black and white). Where this is the case, the information listed in point 1, not already displayed on the label, shall also be provided.

B. FICHE FOR DOMESTIC RANGE HOODS

1. The information in the product fiche of the domestic range hoods referred to in Article 3(1)(b)(ii) shall be given as defined below and in the order specified below, and shall be included in the product brochure or other literature provided with the product:

(a) supplier's name or trade mark;

(b) supplier's model identifier which means the code, usually alphanumeric, which distinguishes a specific domestic range hood model from other models with the same trade mark or supplier's name and with different declared values for any of the parameters included in the label for the domestic range hood (point 2 of Annex III);

(c) the Annual Energy Consumption (AEChood) calculated according to point 2 of Annex II, in kWh/a and rounded to the first decimal place; the declared value shall not be lower than the value reported in the technical documentation in Annex V;

(d) the Energy Efficiency class, as defined in Table 2 of Annex I; the declared class shall not be more favourable than the class reported in the technical documentation in Annex V;

(e) the Fluid Dynamic Efficiency (FDEhood) calculated according to point 2 of Annex II, rounded to the first decimal place; the declared value shall not be higher than the value reported in the technical documentation in Annex V;

(f) the Fluid Dynamic Efficiency class, as defined in Table 3 of Annex I; the declared class shall not be better than the class reported in the technical documentation in Annex V;

(g) the Lighting Efficiency (LEhood) calculated according to point 2 of Annex II, in lux/Watt and rounded to the first decimal place; the declared value shall not be higher than the value reported in the technical documentation in Annex V;

(h) the Lighting Efficiency class, as defined in Table 4 of Annex I, the declared class shall not be better than the class reported in the technical documentation in Annex V;

(i) the Grease Filtering Efficiency calculated according to point 2 of Annex II, in percentage and rounded to the first decimal place; the declared value shall not be higher than the value reported in the technical documentation in Annex V;

(j) the Grease Filtering Efficiency class, as defined in Table 5 of Annex I; the declared class shall not be better than the class reported in the technical documentation in Annex V;

(k) the air flow (in m3/h, and rounded to the nearest integer), at minimum and maximum speed in normal use, intensive or boost excluded; the declared values shall not be higher than the values reported in the technical documentation in Annex V;

(l) if available, the air flow (in m3/h and rounded to the nearest integer), at intensive or boost setting; the declared value shall not be higher than the values reported in the technical documentation in Annex V;

(m) the airborne acoustical A-weighted sound power emissions (in dB rounded to the nearest integer), at minimum and maximum speed available in normal use; the declared value shall not be lower than the value reported in the technical documentation in Annex V;

(n) if available, the airborne acoustical A-weighted sound power emissions (in dB rounded to the nearest integer), at intensive or boost setting; the declared value shall not be lower than the value reported in the technical documentation in Annex V;

(o) if applicable, the power consumption in off mode (Po), in Watt and rounded to the second decimal place; the declared values shall not be lower than the values reported in the technical documentation in Annex V;

(p) if applicable, the power consumption in standby mode (Ps), in Watt and rounded to the second decimal place; the declared values shall not be lower than the values reported in the technical documentation in Annex V.

2. One fiche may cover a number of domestic range hood models supplied by the same supplier.

3. The information contained in the fiche may be given in the form of a copy of the label (either in colour or in black and white). Where this is the case, the information listed in point 1, not already displayed on the label, shall also be provided.

ANNEX V

Technical documentation

For all products in scope, the technical documentation referred to in Article 3 second subparagrah letter (c) shall include:

(a) the name and address of the supplier;

(b) a description of the model sufficient for its unambiguous identification;

(c) where appropriate, the references of the harmonised standards applied;

(d) where appropriate, the other technical standards and specifications used;

(e) the identification and signature of the person empowered to bind the supplier;

(f) any specific precautions that shall be taken when the product is assembled, installed or maintained.

~~A. TECHNICAL DOCUMENTATION FOR DOMESTIC OVENS~~

~~1. The technical documentation referred to in Article 3(1)(a)(iii) shall include at minimum:~~

~~(a) the name and address of the supplier;~~

~~(b) a general description of the appliance model, sufficient for it to be unequivocally and easily identified, including the supplier's model identifier (i.e. the code, usually alphanumeric) which distinguishes a specific domestic oven model from other models with the same trade mark or supplier's name and with different declared values for any of the parameters included in the label for the domestic oven (point 1 of Annex III);~~

~~(c) technical parameters for measurements as follows:~~

~~(i) the number of cavities; the volume of each cavity; the heat source(s) per cavity; the heating function(s) (conventional and/or the forced air convection) per cavity;~~

~~(ii) the energy consumption per cycle for each cavity if available in conventional mode and in fan-forced convection mode; the measured energy consumption shall be expressed in kWh (electric and gas ovens) and in MJ (gas ovens), rounded to the second decimal place;~~

~~(iii) the energy efficiency index (EEIcavity) for each cavity of the domestic oven calculated in accordance with point 1 of Annex II and rounded to the first decimal place;~~

~~(iv) the energy efficiency class for each cavity of the domestic oven as defined in Table 1 of Annex I;~~

~~(d) a copy of the calculation and the results of the calculations performed in accordance with Annex II;~~

~~(e) where appropriate, the references of the harmonised standards applied;~~

(f) where appropriate, the other technical standards and specifications used;

(g) identification and signature of the person empowered to bind the supplier.

2. Suppliers may include additional information at the end of the above list.

B. TECHNICAL DOCUMENTATION FOR DOMESTIC RANGE HOODS

1. The technical documentation referred to in Article 3(1)(b)(iii) shall include at minimum:

(a) the name and address of the supplier;

(b) a general description of the appliance model, sufficient for it to be unequivocally and easily identified, including the supplier's model identifier (i.e. the code, usually alphanumeric) which distinguishes a specific domestic range hood model from other models with the same trade mark or supplier's name and with different declared values for any of the parameters included in the label for the domestic range hood (point 2 of Annex III);

(c) technical parameters for measurements as follows:

(1) the Energy Efficiency Index (EEIhood) calculated in accordance with point 2 of Annex II and rounded to the first decimal place;

(2) the Energy Efficiency class, as defined in Table 2 of Annex I;

(3) the Annual Energy Consumption (AEChood) calculated in accordance with point 2 of Annex II, in kWh/a and rounded to the first decimal place;

(4) the time increase factor (f), in accordance with point 2 of Annex II and rounded to the first decimal place;

(5) the Fluid Dynamic Efficiency (FDEhood) calculated in accordance with point 2 of Annex II and rounded to the first decimal place;

(6) the Fluid Dynamic Efficiency class, as defined in Table 3 of Annex I;

(7) the measured flow rate of the domestic range hood at the best efficiency point (QBEP), in m3/h and rounded to the first decimal place;

(8) the measured value of the static pressure difference of the domestic range hood at the best efficiency point (PBEP), in Pa and rounded to the nearest integer;

(9) the measured value of the electric power input of the domestic range hood at the best efficiency point (WBEP), in Watt and rounded to the first decimal place;

(10) the average illumination of the lighting system on the cooking surface (Emiddle), in lux and rounded to the nearest integer;

(11) the nominal power consumption of the lighting system on the cooking surface (WL), in Watt and rounded to the first decimal place;

~~(12) the measured value of the Lighting Efficiency (LEhood) calculated according to point 2 of Annex II, in lux/Watt and rounded to the nearest integer;~~

~~(13) the Lighting Efficiency class, as defined in Table 4 of Annex I;~~

~~(14) the measured value of the Grease Filtering Efficiency (GFEhood~~GFE~~) calculated according to point 2 of Annex II and rounded to the first decimal place;~~

~~(15) the Grease Filtering Efficiency class, as defined in Table 5 of Annex I;~~

~~(16) if applicable the power consumption in off mode (Po), in Watt and rounded to the second decimal place;~~

~~(17) if applicable the power consumption in standby mode (Ps), in Watt and rounded to the second decimal place;~~

~~(18) the airborne acoustical A-weighted sound power emissions at minimum and maximum speed available in normal use, in dB and rounded to the nearest integer;~~

~~(19) if present, the airborne acoustical A-weighted sound power emissions at intensive or boost setting, in dB and rounded to the nearest integer;~~

~~(20) the air flow values of the domestic range hood at minimum and maximum speed available in normal use, in m3/h and rounded to the first decimal place;~~

~~(21) if present, the air flow value of the domestic range hood at intensive or boost setting, in m3/h and rounded to the first decimal place;~~

~~(d) a copy of the calculations and the results of the calculations performed in accordance with Annex II;~~

~~(e) where appropriate, the references of the harmonised standards applied;~~

~~(f) where appropriate, the other technical standards and specifications used;~~

~~(g) identification and signature of the person empowered to bind the supplier.~~

~~2. Suppliers may include additional information.~~

ANNEX VI

Information to be provided in visual advertisements, in technical promotional material or other promotional material, in distance selling except distance selling on the internet

~~Information to be provided in the cases where end-users cannot be expected to see the product displayed, except on the internet~~

1) In visual advertisements for *the products in the scope*, for the purposes of ensuring conformity with the requirements laid down in point 1(e) Article 3 and point (c) of Article 4, the energy efficiency class and the range of energy efficiency classes available on the label shall be shown as set out in point 4 of this Annex.

2) In technical promotional material or other promotional material for *the products in the scope*, for the purposes of ensuring conformity with the requirements laid down in point 1(f) Article 3 and point (d) of Article 4 the energy efficiency class and the range of energy efficiency classes available on the label shall be shown as set out in point 4 of this Annex.

3) Any paper-based distance selling of water heaters, storage tanks and/or packages of water heaters with solar devices, hot water storage tanks and/or Shower water heat recovery devices must show the energy efficiency class and the range of energy efficiency classes available on the label as set out in point 4 of this Annex.

4) The energy efficiency class and the range of energy efficiency classes shall be shown, as indicated in **Error! Reference source not found.**, with:

   a) an arrow containing the letter of the energy efficiency class, in white, Calibri Bold and in a font size at least equivalent to that of the price, if the price is shown, in all other cases clearly visible and legible font size;

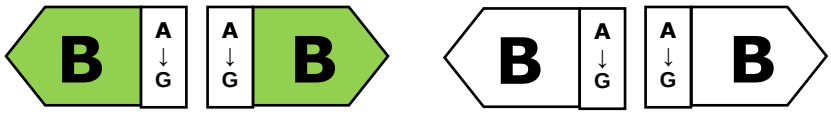
   b) the colour of the arrow matching the colour of the energy efficiency class;

   c) the range of available energy efficiency classes if the label class rating is not climate dependent or the applicable climate if the label class rating is climate dependent in 100 % black; and

   d) the size shall be such that the arrow is clearly visible and legible. The letter in the energy efficiency class arrow shall be positioned in the centre of the rectangular part of the arrow, with a border of 0,5 pt in black around the arrow and the letter of the energy efficiency class.

By derogation, if the visual advertisement, technical promotional material or other promotional material or paper-based distance selling is printed in monochrome, the arrow can be in monochrome in that visual advertisement, technical promotional material, other promotional material or paper based distance selling.

Figure 1 Coloured/monochrome left/right arrow



5) Telemarketing based distance selling must specifically inform the customer of the energy efficiency class of the product and of the range of energy efficiency classes available on the label, and that the

customer can access the full label and the product information sheet through a free access website, or by requesting a printed copy.

6) For all the situations mentioned in points 1 to 3 and 5, it must be possible for the customer to obtain, on request, a printed copy of the label and the product information sheet.

~~A. DOMESTIC~~HOUSEHOLD ~~OVENS~~

~~1. The information referred to in Article 4(1)(b) shall be provided in the following order:~~

~~(a) supplier's name or trade mark;~~

~~(b) supplier's model identifier, i.e. the model identifier of the specific domestic~~household ~~oven to which the figures quoted below apply;~~

~~(c) the energy efficiency class of the model for each cavity as defined in Annex I, Table 1; the declared class shall not be more favourable than the class reported in the technical documentation in Annex V;~~

~~(d) the energy consumption per cycle for each cavity if available in conventional mode and in fan-forced convection mode; the measured energy consumption shall be expressed in kWh (electric and gas ovens) and in MJ (gas ovens), rounded to two decimal places; the declared value shall not be lower than the value reported in the technical documentation in Annex V;~~

~~(e) the number of cavities; the heat source(s) per cavity; the volume of each cavity.~~

~~2. Where other information contained in the product information fiche is also provided, it shall be in the form and order specified in Annex IV.~~

~~3. The size and font in which all the information referred to in this Annex is printed or shown, shall be legible.~~

~~B. DOMESTIC~~HOUSEHOLD ~~RANGE HOOD~~COOKING FUME EXTRACTOR~~S~~

~~1. The information referred to in Article 4(2)(b) shall be provided in the following order:~~

~~(a) supplier's name or trade mark;~~

~~(b) supplier's model identifier, i.e. the model identifier of the specific range hood~~cooking fume extractor ~~to which the figures quoted below apply;~~

~~(c) the energy efficiency class of the model as defined in Table 2 of Annex I; the declared class shall not be more favourable than the class reported in the technical documentation in Annex V;~~

~~(d) the annual energy consumption of the model in kWh, as defined in point 2.1 of Annex II; the declared value shall not be lower than the value reported in the technical documentation in Annex V;~~

(e) the fluid dynamic efficiency class of the model as defined in Table 3 of Annex I; the declared class shall not be more favourable than the class reported in the technical documentation in Annex V;

(f) the lighting efficiency class of the model as defined in Table 4 of Annex I; the declared class shall not be more favourable than the class reported in the technical documentation in Annex V;

(g) the grease filtering efficiency class of the model as defined in Table 5 of Annex I; the declared class shall not be more favourable than the class reported in the technical documentation in Annex V;

(h) the airborne acoustical A-weighted sound power emissions (weighted average value – LWA) of a domestichousehold range hoodcooking fume extractor at minimum and maximum speed available in normal use, in dB rounded to the nearest integer; the declared value shall not be lower than the value reported in the technical documentation in Annex V.

2. Where other information contained in the product information fiche is also provided, it shall be in the form and order specified in Annex IV.

3. The size and font in which all the information referred to in this Annex is printed or shown, shall be legible.

ANNEX VII

Information to be provided in the case of sale, hire or hire-purchasedistance selling through the internet

1. For the purpose of points 2 to 5 of this Annex the following definitions shall apply:

(a) 'display mechanism' means any screen, including tactile screen, or other visual technology used for displaying internet content to users;

(b) 'nested display' means visual interface where an image or data set is accessed by a mouse click, mouse roll-over or tactile screen expansion of another image or data set;

(c) 'tactile screen' means a screen responding to touch, such as that of a tablet computer, slate computer or a smartphone;

(d) 'alternative text' means text provided as an alternative to a graphic allowing information to be presented in non-graphical form where display devices cannot render the graphic or as an aid to accessibility such as input to voice synthesis applications.

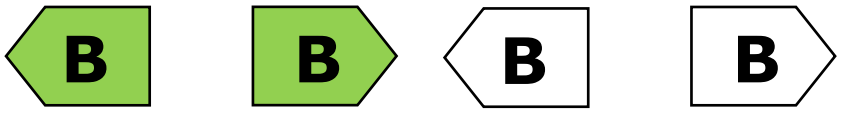
~~2~~1. The appropriate label made available by suppliers in accordance with Article 3(1)(~~ag~~)~~(vi) or 3(1)(b)(vi)~~ shall be shown on the display mechanism in proximity to the price of the product ~~in accordance with the timetable set out in Article 3(3)~~. For ovens, the appropriate label shall be shown for each cavity of the oven. The size shall be such that the label is clearly visible and legible and shall be proportionate to the size specified in Annex III. The label may be displayed using a nested display, in which case the image used for accessing the label shall comply with the specifications laid down in point 3 of this Annex. If nested display is applied, the label shall appear on the first mouse click, mouse roll-over or tactile screen expansion on the image.

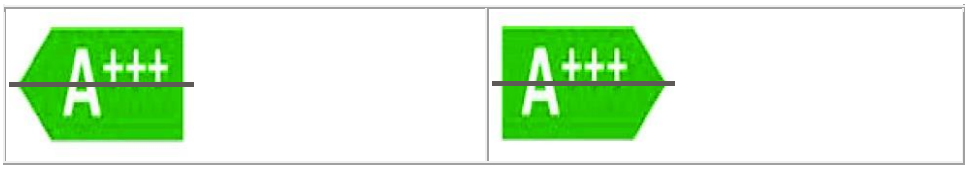
~~3~~2. The image used for accessing the label in the case of nested display shall:

(a) be an arrow in the colour corresponding to the energy efficiency class of the product on the label;

(b) indicate on the arrow the energy efficiency class of the product in white in a font size equivalent to that of the price, if the price is shown, in all other cases a clearly visible and legible font size; and

(c) have one of the following two formats:





4. In the case of nested display, the sequence of display of the label shall be as follows:

(a) the image referred to in point ~~3~~ 2 of this Annex shall be shown on the display mechanism in proximity to the price of the product if the price is shown, and in all other cases in proximity to the product;

(b) the image shall link to the label set out in Annex III;

(c) the label shall be displayed after a mouse click, mouse roll-over or tactile screen expansion on the image;

(d) the label shall be displayed by pop up, new tab, new page or inset screen display;

(e) for magnification of the label on tactile screens, the device conventions for tactile magnification shall apply;

(f) the label shall cease to be displayed by means of a close option or other standard closing mechanism;

(g) the alternative text for the graphic, to be displayed on failure to display the label, shall be the energy efficiency class of the product in a font size equivalent to that of the price if the price is shown, and in all other cases a clearly visible and legible font size.

5. The appropriate product fiche made available by suppliers in accordance with Article 3(1)(~~ag~~)~~(vii) or 3(1)(b)(vii)~~ shall be shown on the display mechanism in proximity to the price of the product if the price is shown, and in all other cases in proximity to the product. The size shall be such that the product ~~fiche~~ information sheet is clearly visible and legible. The product ~~fiche~~ information sheet may be displayed using a nested display, in which case the link used for accessing the fiche shall clearly and legibly indicate 'Product ~~fiche~~'information sheet'. If nested display is used, the product fiche shall appear on the first mouse click, mouse roll-over or tactile screen expansion on the link.

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ANNEX ~~VIII~~IX

Product compliance verification by market surveillance authorities

The verification tolerances set out in this Annex relate only to the verification ~~of the measured parameters~~ by Member State authorities of the declared values and shall not be used by the supplier as an allowed tolerance to establish the values in the technical documentation. The values and classes on the label or in the product ~~fiche~~ information sheet shall not be more favourable for the supplier than the values reported in the technical documentation.

Where a model has been designed to be able to detect it is being tested (e.g. by recognising the test conditions or test cycle), and to react specifically by automatically altering its performance during the test with the objective of reaching a more favourable level for any of the parameters specified in this Regulation or included in the technical documentation or included in any of the documentation provided, the model and all equivalent models shall be considered not compliant

As part of ~~When~~ verifying the compliance of a product model with the requirements laid down in this ~~Delegated~~ Regulation~~, for the requirements referred to in this Annex,~~ the authorities of the Member States shall apply the following procedure:

(1) The Member State authorities shall verify one single unit of the model.

(2) The model shall be considered to comply with the applicable requirements if:

(a) the values given in the technical documentation pursuant to Article 5(b) of Directive 2010/30/EU (declared values), and, where applicable, the values used to calculate these

values, are not more favourable for the supplier than the corresponding values given in the test reports pursuant to point (iii) of the abovementioned Article; and

(b) the values published on the label and in the product fiche are not more favourable for the supplier than the declared values, and the indicated energy efficiency class is not more favourable for the supplier than the class determined by the declared values; and

(c) when the Member State authorities test the unit of the model, the determined values (the values of the relevant parameters as measured in testing and the values calculated from these measurements) comply with the respective verification tolerances as given in Table 6.

(3) If the results referred to in points 2(a) or (b) are not achieved, the model and all models that have been listed as equivalent models in the supplier's technical documentation shall be considered not to comply with this Delegated Regulation.

(4) If the result referred to in point 2(c) is not achieved, the Member State authorities shall select three additional units of the same model for testing. As an alternative, the three additional units selected may be of one or more different models that have been listed as equivalent models in the supplier's technical documentation.

(5) The model shall be considered to comply with the applicable requirements if for these three units, the arithmetical mean of the determined values complies with the respective tolerances given in Table 6.

(6) If the result referred to in point 5 is not achieved, the model and all models that have been listed as equivalent models in the supplier's technical documentation shall be considered not to comply with this Delegated Regulation.

(7) The Member State authorities shall provide all relevant information to the authorities of the other Member States and to the Commission without delay after a decision being taken on the non-compliance of the model according to points 3 and 6.

The Member State authorities shall use the measurement and calculation methods set out in Annex ~~II~~VIII.

The Member State authorities shall only apply the verification tolerances that are set out in Table 6 and shall only use the procedure described in points 1 to 7 for the requirements referred to in this Annex. No other tolerances, such as those set out in harmonised standards or in any other measurement method, shall be applied.

Table 6

Verification tolerances

Parameters	**Verification tolerances**

Mass of the oven, M	The determined value shall not exceed the declared value of M by more than 5 %.
Volume of the cavity of the oven, V	The determined value shall not be lower than the declared value of V by more than 5 %.
ECelectric cavity , ECgas cavity	The determined values shall not exceed the declared values of ECelectric cavity and ECgas cavity by more than 5 %.
WBEP ~~, WL~~	The determined values shall not exceed the declared values of WBEP ~~and WL~~ by more than 5 %.
QBEP , PBEP	The determined values shall not be lower than the declared values of QBEP and PBEP by more than 5 %.
Qmax	The determined value shall not exceed the declared value of Qmax by more than 8 %.
Emiddle	The determined value shall not be lower than the declared value of Emiddle by more than 5 %.
~~GFEhood~~GFE	The determined value shall not be lower than the declared value of ~~GFEhood~~GFE by more than 5 %.
Po , Ps	The determined values of power consumption Po and Ps shall not exceed the declared values of Po and Ps by more than 10 %. The determined values of power consumption Po and Ps of less than or equal to 1,00 W shall not exceed the declared values of Po and Ps by more than 0,10 W.
Sound power level, LWA	The determined value shall not exceed the declared value of LWA .

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(1) Directive 2004/108/EC of the European Parliament and of the Council of 15 December 2004 on the approximation of the laws of the Member States relating to electromagnetic compatibility and repealing Directive 89/336/EEC (OJ L 390, 31.12.2004, p. 24).

(2) 1 kWh/cycle = 3,6 MJ/cycle.

(3) OJ L 27, 30.1.2010, p. 1.