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COVER NOTE

From: Secretary-General of the European Commission,
signed by Mr Jordi AYET PUIGARNAU, Director

date of receipt: 5 May 2015

To: Mr Uwe CORSEPIUS, Secretary-General of the Council of the
European Union

No. Cion doc.: C(2015) 2874 final ANNEXES 1-4

Subject: ANNEXES to the COMMISSION DELEGATED REGULATION (EU) No
.../.. of 5.5.2015 supplementing Directive 2010/30/EU of the European
Parliament and of the Council with regards to the energy labelling of
professional refrigerated storage cabinets

Delegations will find attached document C(2015) 2874 final ANNEXES 1-4.

Encl.: C(2015) 2874 final ANNEXES 1-4



Brussels, 5.5.2015
C(2015) 2874 final

ANNEXES 1 to 4

ANNEXES

to the

COMMISSION DELEGATED REGULATION (EU)

**supplementing Directive 2010/30/EU of the European Parliament and of the Council
with regard to the energy labelling of professional refrigerated storage cabinets**

ANNEX I

Definitions applicable for Annexes II to X

For the purposes of Annexes II to X, the following definitions shall apply:

- (1) 'net volume' means the volume containing foodstuffs within the load limit
- (2) 'chilled operating temperature' means that the temperature of foodstuffs stored in the cabinet is continuously maintained at a temperature between -1°C and 5°C;
- (3) 'frozen operating temperature' means that the temperature of foodstuffs stored in the cabinet is continuously maintained at a temperature lower than -15°C, which is understood as the highest temperature of the warmest package test;
- (4) 'multi-use cabinet' means that a professional refrigerated storage cabinet or separate compartment of the same cabinet may be set at different temperatures for chilled or frozen foodstuffs;
- (5) 'vertical cabinet' means a professional refrigerated storage cabinet of overall height equal to or higher than 1 050 mm with one or more front doors or drawers accessing the same compartment;
- (6) 'counter cabinet' means a professional refrigerated storage cabinet of overall height lower than 1050 mm with one or more front doors or drawers accessing the same compartment;
- (7) 'light-duty cabinet', also known as 'semi-professional cabinet', means a professional refrigerated storage cabinet only capable of continuously maintaining chilled or frozen operating temperature in all its compartment(s) in ambient conditions corresponding to climate class 3, as detailed in Table 3 of Annex IX; if the cabinet is able to maintain temperature in ambient conditions corresponding to climate class 4, it shall not be considered a light-duty cabinet.
- (8) 'heavy-duty cabinet' means a professional refrigerated storage cabinet capable of continuously maintaining chilled or frozen operating temperature in all its compartment(s) in ambient conditions corresponding to climate class 5, as detailed in Table 3 in Annex IX;
- (9) 'equivalent professional refrigerated storage cabinet' means a professional refrigerated storage cabinet model placed on the market with the same net volume, same technical, efficiency and performance characteristics, and same compartment types and volumes as another professional refrigerated storage cabinet model placed on the market under a different commercial code number by the same manufacturer.

ANNEX II Energy efficiency classes

The energy efficiency class of a professional refrigerated storage cabinet shall be determined on the basis of its energy efficiency index (EEI), as set out in Table 1.

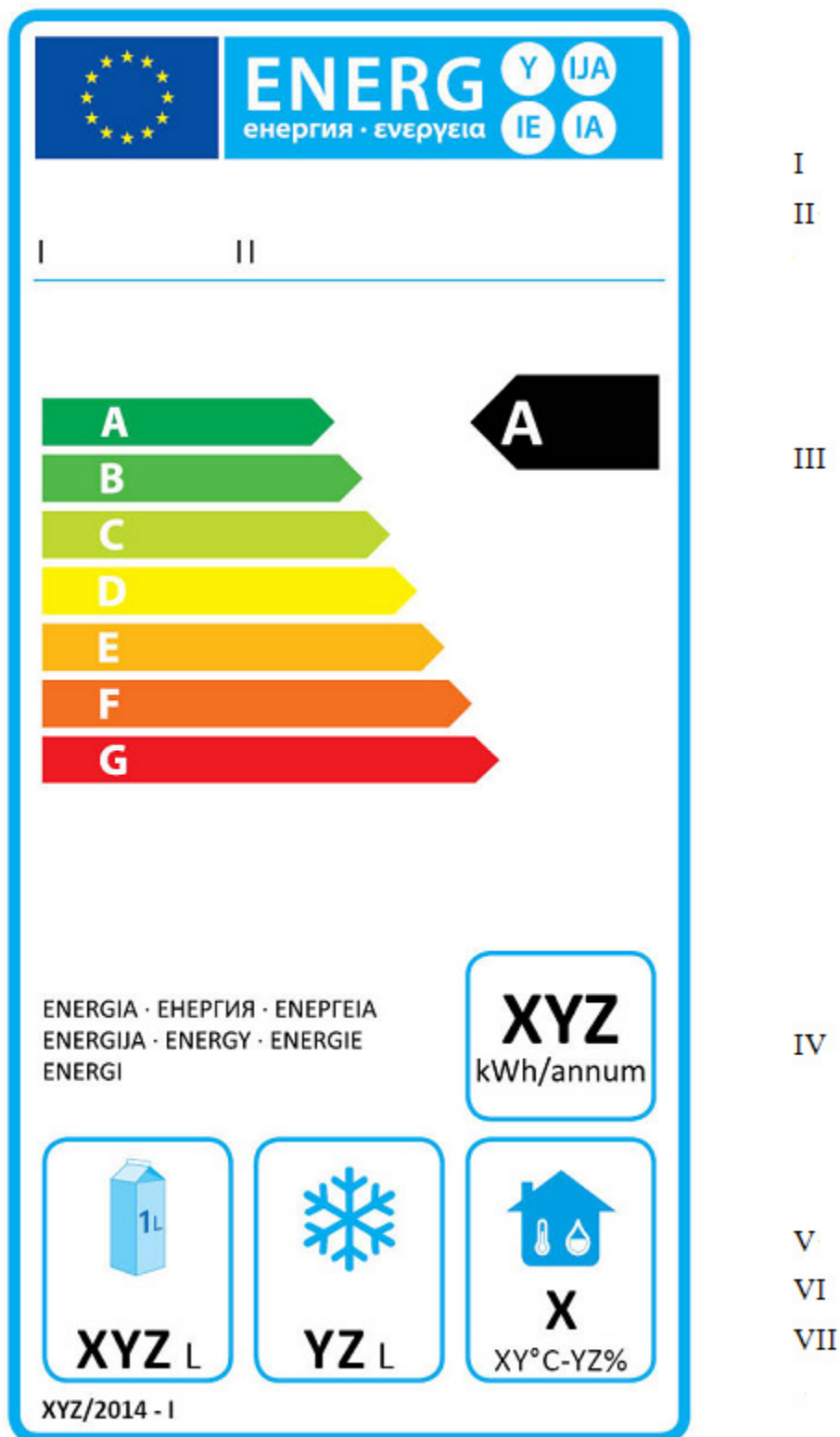
Table 1: Energy efficiency classes of professional refrigerated storage cabinets

Energy efficiency class	EEI
A+++	$EEI < 5$
A++	$5 \leq EEI < 10$
A+	$10 \leq EEI < 15$
A	$15 \leq EEI < 25$
B	$25 \leq EEI < 35$
C	$35 \leq EEI < 50$
D	$50 \leq EEI < 75$
E	$75 \leq EEI < 85$
F	$85 \leq EEI < 95$
G	$95 \leq EEI < 115$

The EEI shall be calculated as detailed in Annex VIII.

ANNEX III
Labels

1. Label 1 — Professional refrigerated storage cabinets in energy efficiency classes A to G



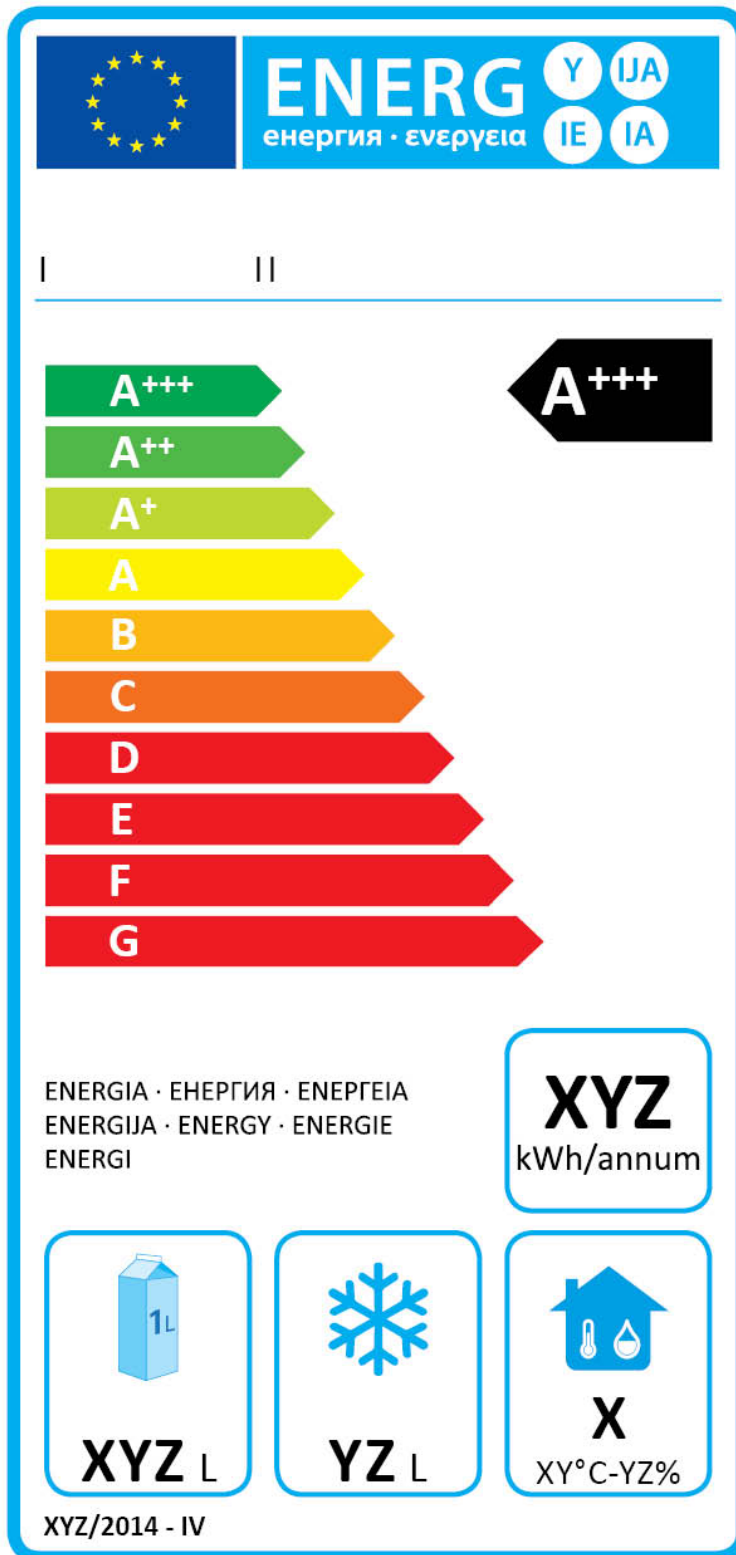
The following information shall be included in the label:

- I. supplier's name or trade mark;
- II. supplier's model identifier;
- III. the energy efficiency class, determined in accordance with Annex II; the head of the arrow containing the energy efficiency class shall be placed at the same height as that for the relevant energy efficiency class;
- IV. the annual electricity consumption in kWh in terms of final energy consumption per year, calculated in accordance with Annex IX and rounded to the nearest integer;
- V. the sum of the net volumes, expressed in litres, of all chilled compartments functioning at chilled operating temperature; where no compartments functioning at chilled operating temperature are present, the supplier shall declare '- L' instead of a value;
- VI. the sum of the net volumes, expressed in litres, of all compartments functioning at frozen operating temperature; where no compartments functioning at frozen operating temperature are present, the supplier shall declare '- L' instead of a value;
- VII. the climate class (3, 4 or 5), together with the associated dry bulb temperature (in °C) and the relative humidity (in %), as referred to in Table 3, Annex IX.

The design of the label shall be in accordance with point 3. By way of derogation, where a model has been awarded an 'EU ecolabel'¹, a copy of the ecolabel may be added.

¹ Under Regulation (EC) No 66/2010 (OJ L 27, 30.1.2010, p. 1).

2. Label 2 — Professional refrigerated storage cabinets in energy efficiency classes A+++ to G



The information listed in point 1 shall be included in this label.

The design of the label shall be in accordance with point 3. By way of derogation, where a model has been awarded an 'EU eco-label', a copy of the eco-label may be added.

3. The design of the label for professional refrigerated storage cabinets shall be as follows:

Where:

- (a) The label shall be at least 110 mm wide and 220 mm high. Where the label is printed in a larger format, its content shall nevertheless remain proportionate to the specifications above;
- (b) The background of the label shall be white.
- (c) Colours shall be CMYK — cyan, magenta, yellow and black; for example, 00-70-X-00 indicates 0 % cyan, 70 % magenta, 100 % yellow, 0 % black.
- (d) The label shall meet the following specifications (numbers refer to the figure above):

❶ **EU label border stroke:** 5 pt — colour: Cyan 100 % — round corners: 3.5 mm;

❷ **EU logo:** colours: X-80-00-00 and 00-00-X-00;

❸ **Energy label:** colour: X-00-00-00;

Pictogram as depicted (EU logo + energy label): 92 mm wide x 17 mm high;

❹ **Sub-logos border:** 1 pt — colour: Cyan 100 % — 92.5 mm long;

❺ **A-G scale**

Arrow: 7 mm high, 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 classes: 00-X-X-00.

Text: Calibri bold 19 pt, capitals and white; ‘+’ symbols: Calibri bold 13 pt, superscript, white, aligned on a single row;

❻ **Energy efficiency class**

Arrow: 26 mm wide x 14 mm high, 100 % black;

Text: Calibri bold 29 pt, capitals and white; ‘+’ symbols: Calibri bold 18 pt, superscript, white and aligned on a single row;

❼ **Energy**

Text: Calibri regular 11 pt, capitals, 100% black;

8 Annual energy consumption

Border: 2 pt — colour: Cyan 100% — round corners: 3.5 mm;

Value: Calibri bold 32 pt, 100% black;

2nd line: Calibri regular 14 pt, 100% black;

9 Sum of the net volumes of all compartments functioning at chilled operating temperature

Border: 2 pt — colour: Cyan 100% — round corners: 3.5 mm;

Value: Calibri bold 25 pt, 100% black; Calibri regular 17 pt, 100% black;

10 Climate class together with the associated dry bulb temperature and the relative humidity

Border: 2 pt — colour: Cyan 100% — round corners: 3.5 mm;

Value: Calibri bold 25 pt, 100% black;

2nd line: Calibri regular 14 pt, 100% black;

11 Sum of the net volumes of all compartments functioning at frozen operating temperature

Border: 2 pt — colour: Cyan 100% — round corners: 3.5 mm;

Value: Calibri bold 25 pt, 100% black; Calibri regular 17 pt, 100% black;

12 Supplier's name or trademark

13 Supplier's model identifier

14 The supplier's name or trademark and model identifier shall fit in a space of 90 x 15 mm

15 Number of Regulation

Text: Calibri bold 11 pt.

ANNEX IV Product fiche

1. The information in the product fiche of the professional refrigerated storage cabinet shall be provided in the following order 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;
 - (c) type of model in accordance with the definitions in Annex I;
 - (d) the energy efficiency class and energy efficiency index of the model, determined in accordance with Annex II;
 - (e) where the model has been awarded an 'EU eco-label' under Regulation (EC) No 66/2010, that information may be included;
 - (f) the energy consumption of the cabinet over 24 hours (E24h) and the annual energy consumption in kWh, calculated in accordance with Annex IX and rounded to the nearest integer;
 - (g) net volume of each compartment;
 - (h) climate class in accordance with Table 3 in Annex IX;
 - (i) for light-duty cabinets, the following sentence: 'This appliance is intended for use in ambient temperatures up to 25 °C and therefore is not suitable for use in hot professional kitchens';
 - (j) for heavy-duty cabinets, the following sentence: 'This appliance is intended for use in ambient temperatures up to 40°C';
2. A single fiche may cover a number of professional refrigerated storage cabinet models supplied by the same supplier.
3. The information in the fiche may be given in the form of a copy of the label, either in colour or in black and white, in which case information listed in point 1 and not displayed on the label shall also be provided.