

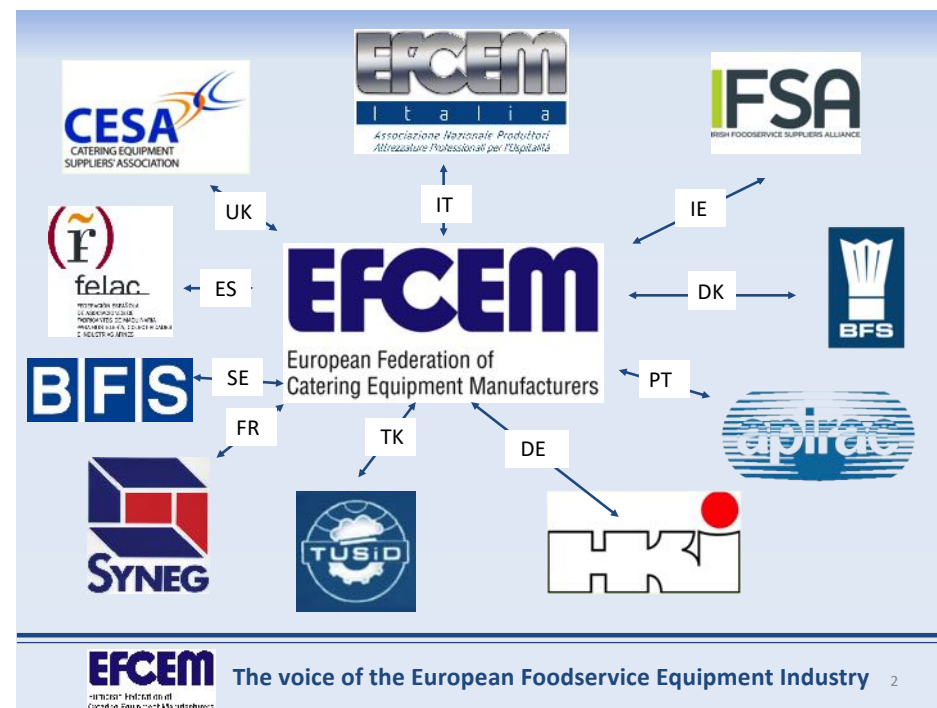


Fabio Gargantini
EFCEM Executive Secretary

EFCEM-EEPLIANT2 Webinar
12 July 2019



The voice of the European Foodservice Equipment Industry



The voice of the European Foodservice Equipment Industry 2

About our sector.....

- **Established 1969**
- **10 national associations**
(Denmark, France, Germany, Ireland, Italy, Portugal, Sweden, Spain, Turkey, UK)
- 660 companies
- 35,000 employees
- €5.5 bn. Turnover
- Uses 30% of stainless steel production
- Foodservice continues to grow in public and private sectors



The voice of the European Foodservice Equipment Industry

Our Regulatory issues

- 20 directives
- Commercial vs. domestic – differentiation recognition
- Sustainability agenda – Energy, Water, Waste
- Eco design and energy labelling
- Strengthen Market Surveillance
- Ability of members to respond to policy development
- Number of product variants & low production volumes
- Pace of development
- Competing national policy agenda's
- An increased lobbying requirement



The voice of the European Foodservice Equipment Industry

Added values of EFCEM

- Providing national associations and companies with direct influence in Europe
- Uniting the key European national associations of Europe
- Standards Formulation and consultation on proposals
- Monitoring European legislation and national regulation differences
- Regular meetings and networking opportunities
- Provide the latest EU News and information for associations and their companies
- Access and influence within Orgalim representing Europe's technology industries

EFCEM and EEPLIANT2

- Strong relation with Market Surveillance Authorities and their representatives
- Member of EEPLIANT2 Advisory Board
- Exchange of views and info on market data and Technical matters
- Ensuring the proper voice of Professional Refrigerating Appliances Manufacturers in the approach to market surveillance



Thank you for listening

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How to comply with energy labelling and ecodesign regulations for professional refrigerated storage cabinets

An EFCEM / EEPLIANT2 webinar

12 July 2019

Franz Zach - Austrian Energy Agency

Jeremy Tait - EEPLIANT2 facilitator

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About EEPLIANT2

- Aim: *to increase rates of compliance*
- Delivered by Market Surveillance Authorities from 14 EU states
- Coordinates monitoring, verification, and enforcement actions for:
 - Professional refrigerated storage cabinets
 - Household refrigerating appliances
 - Network standby of equipment
- Runs September 2017 to April 2020
- Managed by PROSAFE (the EU association for market surveillance professionals)
- Funded by the EU under the Horizon 2020 framework

Web: <http://eepliant.eu> Twitter: @EEPLIANT

LinkedIn: <https://www.linkedin.com/company/eepliant>

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EEPLIANT2 achievements so far

- Tools that help authorities check technical documentation, completed on 59 appliances
- Lab testing well underway on 28 appliances
- Enforcement actions secured or underway for non-compliances
- Capacity building for inspectors - sharing best practice
- Helping suppliers to understand requirements

*All to improve rates of compliance and
protect the interests of reputable suppliers*

<http://eepliant.eu>



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**European Commission
DG GROW, Internal Market, Industry,
Entrepreneurship and SMEs**
Responsible for the energy label and ecodesign
regulations for professional refrigerated cabinets

Mr. Davide Polverini
Policy Officer

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Agenda

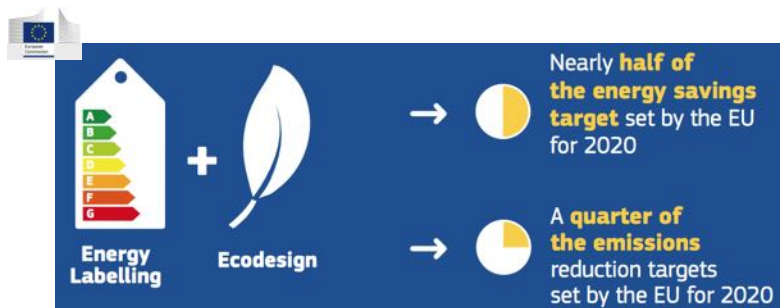
1. Why the requirements are important
2. Which regulations exactly?
3. Scope of appliances
4. Overview of obligations
5. Common non-compliances
6. What a market surveillance inspector will ask you
7. Energy label requirements in more detail
8. Ecodesign requirements in more detail
9. FAQs and Q&A

This is only guidance to help alert you to the existence of legal obligations.

Only the texts of the EU regulations themselves have legal force.

You must make your own decisions regarding compliance.

Why the requirements are important

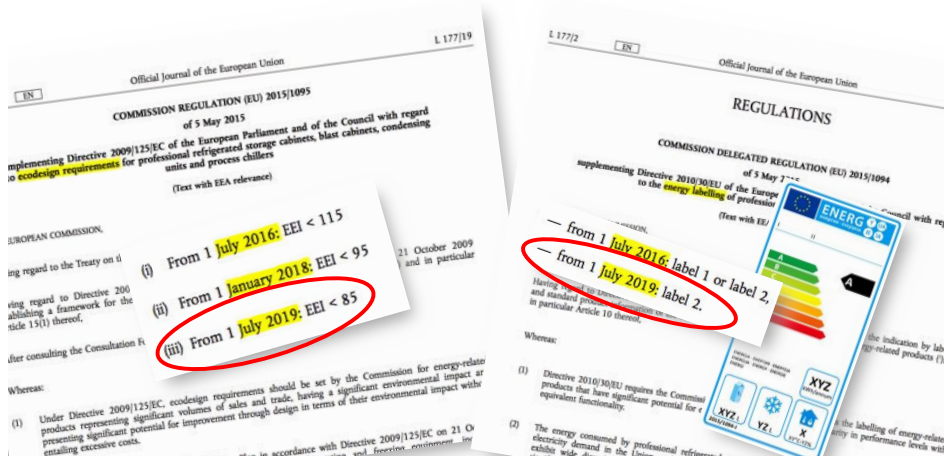


Source of both quotes: European Commission flyer on Ecodesign and Energy Labels, November 2016
Further figures from: Ecodesign Impacts Accounting, Status September 2016 (VHK for the Commission)

Why the requirements are important

- Label shows cabinet performance (& benefits)
- Comparable consumption on fair basis (kWh/year)
- Save running costs every day; lifetime net savings
- Confirms can hold temperature at rated conditions
- Route to remove cabinets that can't perform
- Regulations are enforced
(ban in one member state = ban in all!)

Which regulations, exactly? Ecodesign: 2015/1095 and Energy Labels: 2015/1094 (plus their 2016 amendments on verification procedures)



Which regulations, exactly? *These are also relevant:*

- Energy labelling framework:
Regulation 2017/1369 - includes EPREL database
- Ecodesign framework:
Directive 2009/125/EC
- Accreditation and market surveillance:
Regulation 765/2008
- Common framework for the marketing of products:
Decision 768/2008/EC

Tip: See 'The Blue Guide' (European Commission)

Scope for professional storage cabinets, energy labels and ecodesign

Integral cabinets for chilled (-1°C to +5°C) or frozen (<-15°C)
storage of foodstuff in **non-household** environments

Not for display of food to, or access by, customers

Out of scope, examples:

- Remote cabinets
- Static air cabinets
- Saladettes
- Bottle coolers above 5°C

In scope, example:

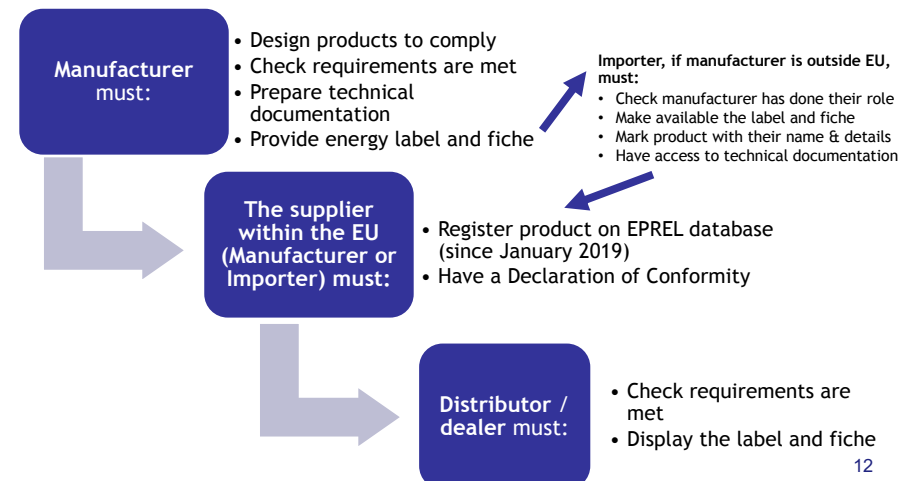
- Cabinets with glass doors

See FAQ document from DG GROW

https://ec.europa.eu/energy/sites/ener/files/guidelines_2018_refrigerated_storage.pdf



Overview of obligations (not a complete list!)



Some common non-compliances (many and varied!)



- Incomplete documentation provided (!)
- Error in calculation of energy label class
- Instruction manual advice missing
(energy efficiency tips; volume(s); label class; refrigerant info)



- Net volume lower than declared
- Higher energy consumption than declared
- Cannot attain temperature at rated conditions

What a market surveillance inspector will ask for:

- Declaration of Conformity
- The energy label and its product information sheet
- The technical documentation file that confirms all declared parameters
- May obtain an appliance and test it

DoC must identify:

- All relevant legislation
- Manufacturer and product
- The harmonised standards or other technical specifications
- Some other information (see 'The Blue Guide')

Energy label requirements



- 1 = Supplier's name or trade mark
- 2 = Supplier's model identifier
- 3 = The declared energy efficiency indicator
- 4 = Must show up to A+++ from 1 July 2019
- 5 = Annual electricity consumption in kWh per year
- 6 = The sum of the net volumes (litres) chilled compartments
- 7 = The sum of the net volumes (litres) frozen compartments (and multi-use)
- 8 = The rated climate class:
 - ❖ 4 = standard duty 30°C-55%
 - ❖ 5 = heavy duty 40°C-40%
 - ❖ 3 = light duty 25°C-60%

Energy label requirements: The product specification sheet ('fiche')

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'.

Energy label requirements: The EPREL Database

European Commission

English Search

Home > Products - labelling rules and requirements > Energy label and ecodesign > European product database for energy labelling

European product database for energy labelling

As of 1 January 2019, suppliers (manufacturers, importers or authorised representatives) need to register their appliances, which require an energy label in the European Product Database for Energy Labelling (EPREL), before selling them on the European market.

Product information to be entered in the database relates to the energy label, technical documentation and compliance monitoring.

Suppliers need a [EU LOGIN account](#) before starting registering their products.

The [EPREL guidelines](#) explains how to manage the entire registration process. EPREL generates all necessary energy labels.

[Register a product in EPREL >](#)

- Registration is mandatory for professional refrigeration
- Since January 2019, must be completed **before** placing the product on the market
- If first sold before 2019 and cabinets of that model are entering the EU supply chain then the model must be registered!
- Products that have sat in supply chain since August 2017 also had to be registered by end of June 2019.

Another ecodesign requirement: The Technical Documentation File

- Must be made available to authorities on request
- Must contain sufficient details for accuracy of product information (label, fiche) to be assessed
- Must contain specific items as per ecodesign regulation, plus:
 - A general description of the product
 - Results of design calculations
 - Any test reports
 - Any environmental assessment studies
 - List of technical standards (e.g. EN16825)
 - The CE Declaration of Conformity
 - A list of 'equivalent models'

Ecodesign main requirements

- Must meet minimum efficiency (EEI)

- (i) From 1 July 2016: EEI < 115
- (ii) From 1 January 2018: EEI < 95
- (iii) From 1 July 2019: EEI < 85

* EEI < 115 for heavy duty (CC5)

Parameter	Value	Unit
Energy Efficiency Class	A++	
Annual Energy Consumption	100	kWh
Energy Efficiency Index	85	
Net volume	100	litres
Gross volume	100	litres
Net weight	100	kg
Gross weight	100	kg
Maximum depth	100	cm
Maximum height	100	cm
Maximum width	100	cm

- Specified information in instruction booklet

- Specified information on free access website

- (b) From 1 July 2016, for professional refrigerated storage cabinets a section of the [free access website](#) of manufacturers for installers and other professionals, their authorised representatives, or importers shall be provided, containing information relevant for:
- (i) installation in order to optimise energy efficiency of the appliances;
 - (ii) non-destructive disassembly for maintenance purposes;
 - (iii) disassembly and dismantling for disposal at end-of-life.

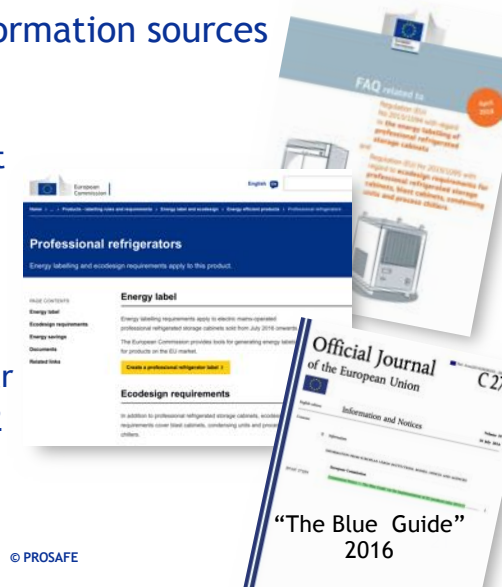
Some FAQs about regulations and compliance

- Which test method?
- Must every cabinet model be tested?
- Won't energy labels be only A to G classes soon?
- Must labels be displayed at HOST 2019?

Any other questions or comments?

Further information sources

- Commission web pages
- DG GROW FAQ document
- The Blue Guide
- EEPLIANT2 / EFCEM brochure (soon!)
- Recording of this webinar
- Next EFCEM / EEPLIANT2 webinar: September 5th



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This presentation arises from the Action EEPLIANT2, which receives funding from the European Union's Horizon 2020 research and innovation programme under grant agreement number 752591. The content of this presentation represents the views of the author and it is his sole responsibility; it can in no way be taken to reflect the views of the *Executive Agency for Small and Medium Enterprises (EASME)* or any other body of the European Union. *EASME* does not accept responsibility for any use that may be made of the information it contains.

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For further information

1. The Commission's web page for guidance on energy label and ecodesign regulations for professional refrigerators is at https://ec.europa.eu/info/energy-climate-change-environment/standards-tools-and-labels/products-labelling-rules-and-requirements/energy-label-and-ecodesign/energy-efficient-products/professional-refrigerators_en
2. The DG GROW web page for general ecodesign information is at http://ec.europa.eu/growth/industry/sustainability/ecodesign_en
3. A guidance document called *FAQ related to Regulation (EU) 2015/1094 and Regulation (EU) 2015/1095* is published here: https://ec.europa.eu/energy/sites/ener/files/guidelines_2018_refrigerated_storage.pdf
4. For guidance on how to comply with all EU product rules, see *The Blue Guide on the implementation of EU product rules*, published by the European Commission DG GROW, 2016 version, available in all EU languages. https://ec.europa.eu/growth/content/'blue-guide'-implementation-eu-product-rules-0_en
5. To find your local Market Surveillance Authority (MSA) for this topic, see https://ec.europa.eu/growth/single-market/goods/building-blocks/market-surveillance/organisation_en. Download the MSA listing 'by sector' and look for 'Eco-design and energy labelling'.
6. EEPLIANT2 project web site is here: <http://eepliant.eu>