

What are the energy labelling and ecodesign requirements for professional refrigeration (PF)?

Energy labelling and ecodesign requirements apply to this product. Professional refrigeration (PF) includes refrigerators, process chillers, condensing units and blast cabinets that are used and/or accessed by professionals in non-household environments.

What does EU 2015/1094 mean for refrigerated storage cabinets?

Commission Delegated Regulation (EU) 2015/1094 of 5 May 2015 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of professional refrigerated storage cabinets. Directive 2009/125/EC establishes a framework to set ecodesign requirements for energy-related products.

Are professional storage cabinets energy efficient?

The energy consumed by professional storage cabinets accounts for a significant share of the total electricity demand in the Union, and professional storage cabinets with equivalent functionality exhibit a wide disparity in terms of energy efficiency. The scope for reducing their energy consumption is significant.

What is the energy label regulation?

The energy label regulation requires that cabinets are supplied and advertised with an energy label and a fiche from July 2016. From 1 July 2019 the label must show label classes up to A+++⁸. The information items shown on the energy label are explained in the figure below. ⁸ The rated climate class (could be 4, 3 or 5).

What if the energy storage system and component standards are not identified?

Table 3.1. Energy Storage System and Component Standards 2. If relevant testing standards are not identified, it is possible they are under development by an SDO or by a third-party testing entity that plans to use them to conduct tests until a formal standard has been developed and approved by an SDO.

Why are energy labels important?

Energy labels provide mandatory, clear information to help buyers compare energy performance and make well-informed purchase decisions. Ecodesign regulations set mandatory minimum levels of energy efficiency and other requirements which appliances must meet to be legally placed on the market.

CATL EnerOne can be used flexibly in outdoor applications, thanks to the protection level IP 66 of the main components and the adaptability to an ambient temperature range of -30 to +55 °C. It has passed various critical tests on the ...

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