

# Addition to the Topten Selection Criteria Only for Storage Refrigerator-Freezers and for Static Storage Cabinets

13.10.2016

## Accepted testing standards for energy consumption data:

### Storage Refrigerator-Freezers

- ✓ Declaration according to Commission Regulation (EU) 2015/1095 of 5 May 2015 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for professional refrigerated storage cabinets, blast cabinets, condensing units and process chillers.  
Link: [http://www.topten.eu/uploads/File/2015-1095\\_EN\\_Professional-equipment\\_Ecodesign.pdf](http://www.topten.eu/uploads/File/2015-1095_EN_Professional-equipment_Ecodesign.pdf)

### Static Storage Cabinets

- ✓ Primarily according to the new European standard for refrigerated storage cabinets EN 16825:2015 at climate class 4 (30°C, 55% relative humidity).
- ✓ “Light-duty” cabinets (not suitable for climate class 4) at climate class 3 (25°C, 60% relative humidity) and energy consumption is multiplied by a factor of 1.2 (chilled) or 1.1 (frozen).
- ✓ In a transitional phase, measurements are also accepted according to:
  - CECED Italia Test protocol for professional refrigerators and freezers
  - EN ISO 23953-2:2005
  - AS 1731:2003 & Amendments
  - EN 441

Storage refrigerator-freezers and static storage cabinets are exempt from the EU energy label. In the Topten product lists they can nevertheless be listed, under the condition that their energy consumption is determined according to the above mentioned harmonised testing standards. With the standard values, the energy efficiency index EEI can be calculated according to the EU energy label in the same way as for the other cabinets. Storage refrigerator-freezers are to be classified as vertical freezers for the calculation.

## EU energy label for storage refrigerators and freezers:

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.

Link: [http://www.topten.eu/uploads/File/2015-1094\\_EN\\_Professional-equipment\\_Label.pdf](http://www.topten.eu/uploads/File/2015-1094_EN_Professional-equipment_Label.pdf)