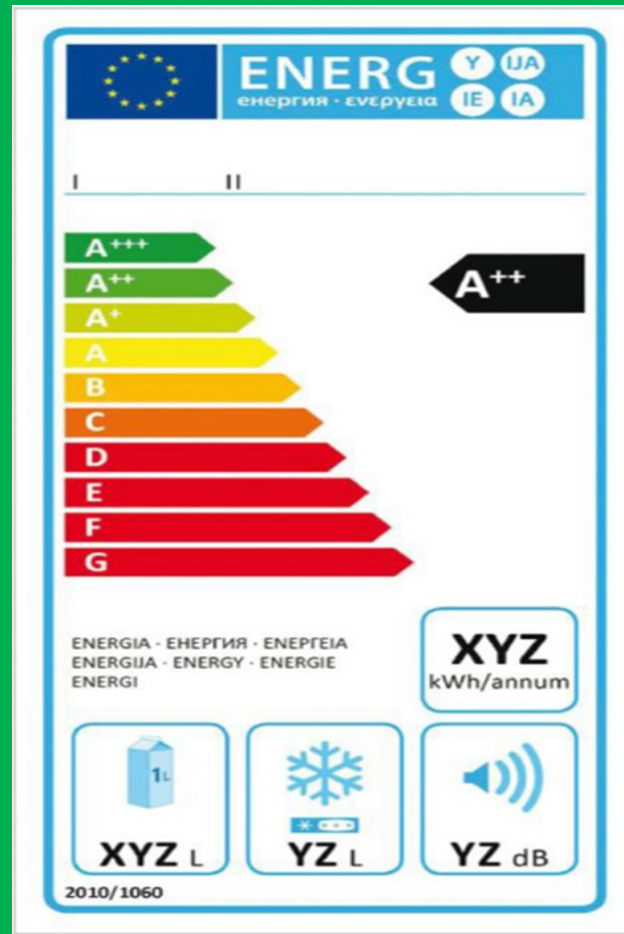


Energy Labeling Laboratory



مختبر ملصق الطاقة

The energy labeling laboratory was established to ensure conformity the energy consumption of machines to the energy consumption information in the machines energy label.

Energy labeling laboratory consists of three laboratories:

- 1- Washing Machine Test Lab
- 2- Air Conditioner Test Lab
- 3- Refrigerating Appliances Test Lab





Air Conditioner Lab

The target of this lab is to evaluate the needed parameters for energy efficiency label of air conditioners EUROPEAN STANDARD: EN 14511, and Jordanian Technical Regulation 2108:2013 about Energy labeling of air conditioners .

so it can measure the following parameters:

- ◆ EER
- ◆ COP
- ◆ SCOP
- ◆ SEER

The steady state heating or cooling capacities determined using the calorimeter method shall be determined with a maximum uncertainty of 5 %.





Refrigerating Appliances Test Lab

The purpose of test is to measure the energy consumption of refrigerating appliances under specified test condition. Through condition test according to standard (BS EN 62552) and Jordanian Technical Regulation 2101:2013 , so it can measure the following parameters:

- ◆ Energy consumption
- ◆ Testing storage temperature
- ◆ Energy Efficiency Class (EEI)





Washing Machine Test Lab

The objective of this lab is evaluating energy efficiency level of Washing Machine in accordance with EU-Standard EN 60456 and Jordanian Technical Regulation 2104:2013

as well as SASO, so it would WM performance characteristics that represented in energy labeling and Eco-design requirements;

- ◆ EEI
- ◆ AEc
- ◆ AWc
- ◆ Rinsing performance
- ◆ RMC
- ◆ Spin Speed



The laboratory accredited according to Jordan Association System

The energy labeling laboratory achieves Jordan Institution for Standards and Metrology and starts testing the household appliance according to local specifications.



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