

ASSIST
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Energy efficiency labels

What are energy labels?

Energy labels provide consumers with basic information on the energy efficiency of different products. They determine the energy efficiency of devices by using the scale of symbols from A+++ (the most effective) to G (the least effective) and color scale - from green (the most effective) to red (the least effective). Scale ranges vary depending on the type of device.

Why do we use energy labels?

Energy labels not only provide information but also contribute to energy savings. Buying the most energy-efficient devices (A, A+, A++ i A+++), we reduce energy consumption and energy bills in our households.

What information does the energy label contain?

Manufacturer or brand name

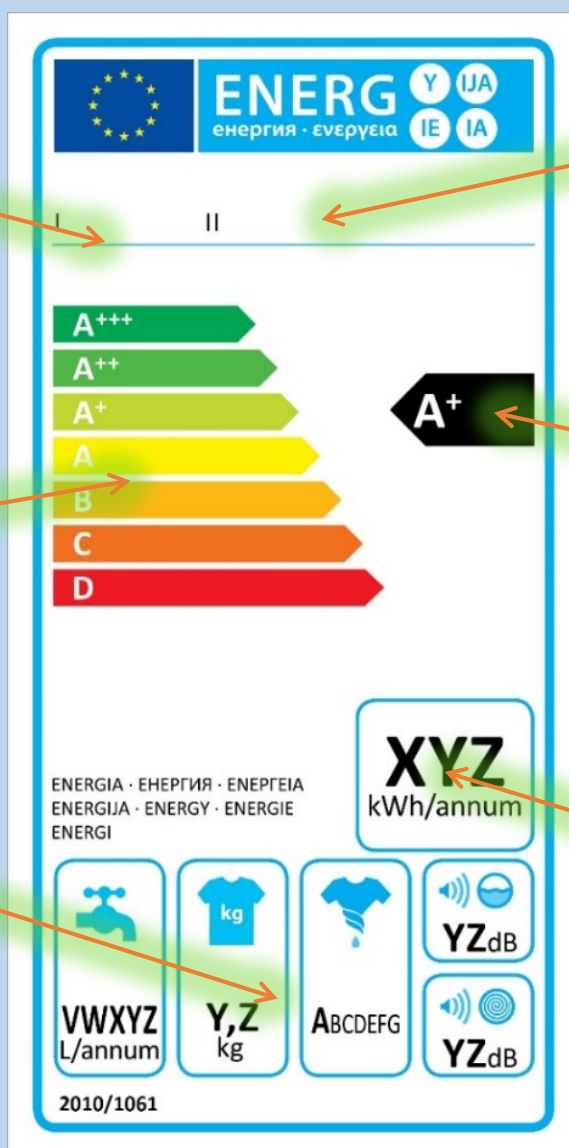
Type, model, version

Efficiency scale

Energy class

Additional information

Average energy consumption



What additional information can be found on the energy label?

Examples for some household appliances:

Dishwashers and washing machines:



Average annual water consumption in liters per year

Washing machines:



Nominal capacity in kilograms



Spin efficiency class

Dishwashers:



Drying efficiency class



Nominal capacity (number of sets of dishes)

Which devices have energy efficiency labels?

Energy labeling refers to a wide range of household appliances, among other things: air conditioners, dishwashers, domestic ovens, refrigerators, freezers, lamps and lighting fittings, radiators, professional refrigeration furniture, hoods, solid fuel boilers, TV sets, tumble driers, vacuum cleaners, ventilation units, washing machines and water heaters.

Dishwashers, refrigerators, washing machines:



The level of noise emitted in dB

Refrigerators and freezers:



The usable capacity of all chambers in liters excluding the freezer compartments



Capacity of chambers for storing frozen food, in liters

TV's:



Screen size



A visible switch limiting the power consumption to 0.01 W or less / Power consumption during operation, in watts

There is also a European program called **ENERGY STAR**, aimed at voluntary energy labeling of office equipment (computers, servers, displays, UPS, printers and scanners). All requirements are described in detail in Regulation (EU) 2017/1369 of the European Parliament and of the Council of 4th July 2017 establishing a framework for energy labeling and repealing Directive 2010/30 / EU.