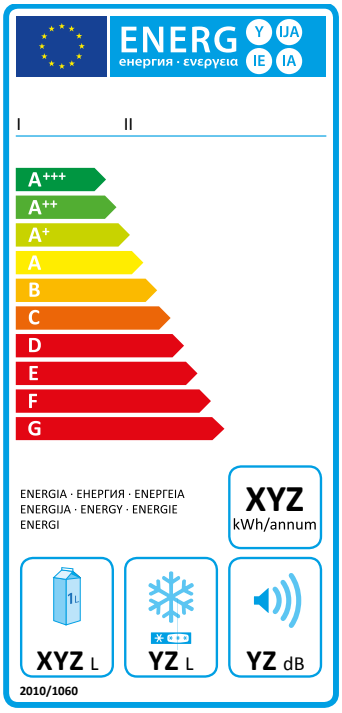
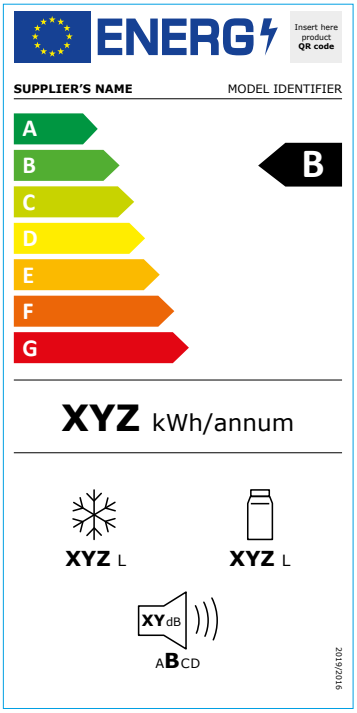
BELT
BOOST ENERGY LABEL TAKE UP

The New Energy Label

Less classes, more efficiency





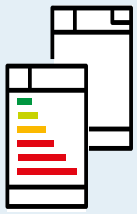
WHAT IS THE EU ENERGY LABEL?

It is an important tool that enables consumers to better understand and compare the efficiency of energy-powered products such as fridges, TVs and dish washers. It allows consumers to make more sustainable and cost-effective choices.

WHY IS A NEW ONE UNDER WAY?

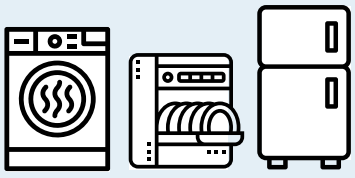
It emerged from a consumer survey that the current scale is misleading. This is because the higher classes (A+, A++ and A+++) are overpopulated, while the lower categories are empty – because the most energy-guzzling appliances are now banned from the market. To fix this, the EU has decided to facelift the label: all the "+" classes will disappear and give way to an A to G scale. Top class A will initially be left empty to leave room for more energy efficient models that will be produced in the future.

1 November 2020



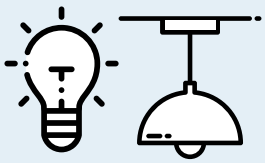
By law, manufacturers shall include both the existing & rescaled labels with the product. Although having to present both labels (old + new), the new label must not be displayed in shops and online shops.

1 March 2021



New labels for dishwashers, washing machines, washer-dryers, fridges & freezers, wine storages, TVs and monitors visible on the shop floor Retailers must make the switch within 2 weeks

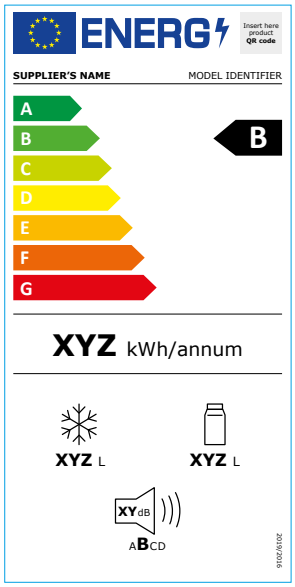
1 September 2021



New labels for light sources must be visible in shops.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 847043

ELEMENTS COMMON IN ALL LABELS



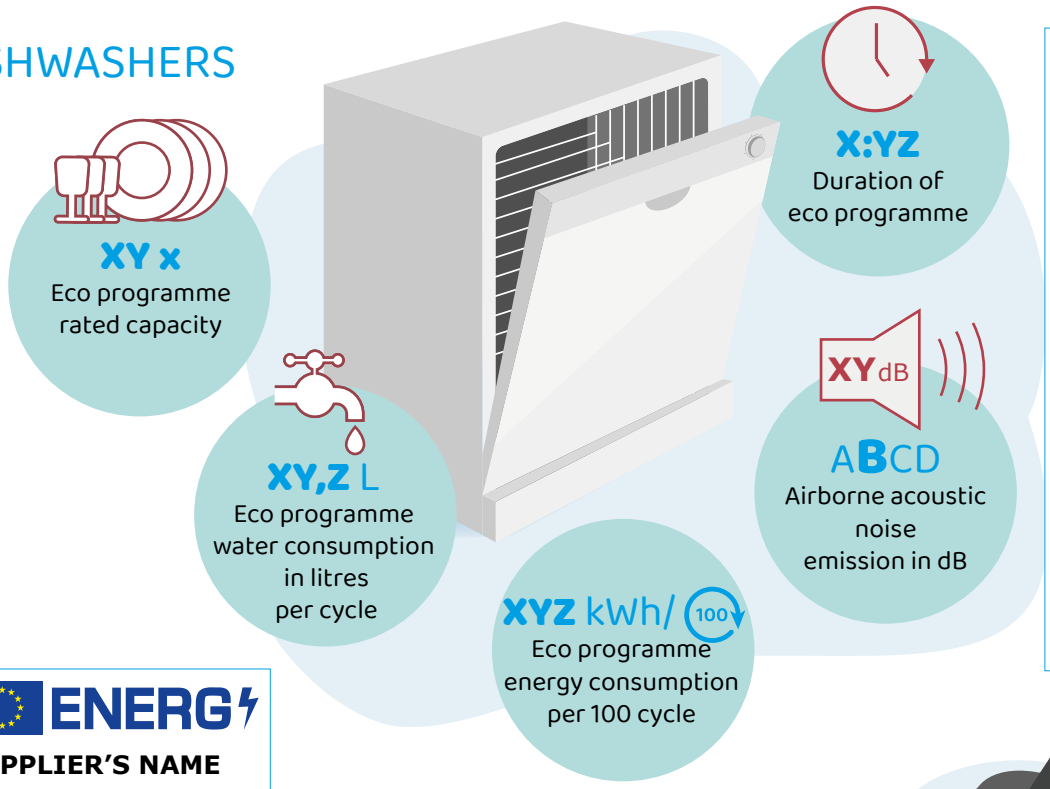
The newly-added QR code allows consumers to get additional information about the appliance, by simply scanning it with their smartphones.

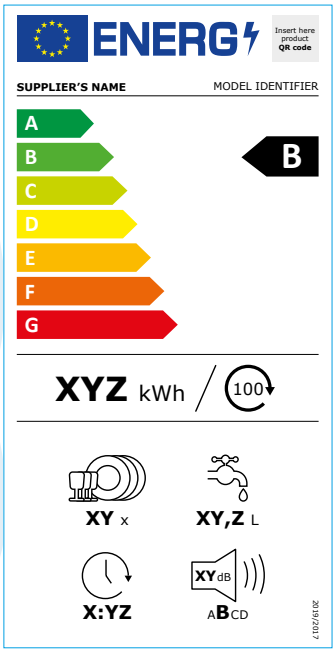
New energy scale: from A to G, no more '+' classes. Lower classes may be greyed out if banned from the market thanks to Ecodesign rules.

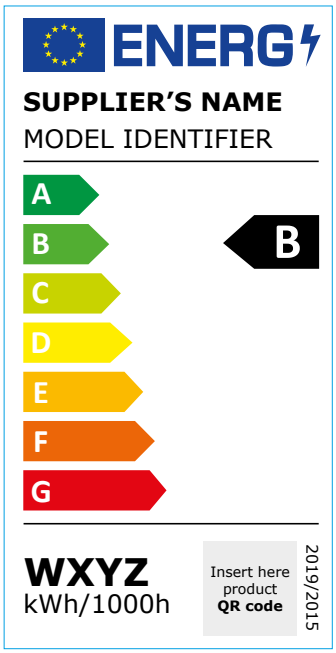
Energy consumption: this is specific to each product. Fridges display the annual consumption; Dishwashers, washing machines and washer-dryers show the consumption per 100 cycles; the consumption of displays and lamps is for 1,000 hours use.

Performance and characteristics: depending on the appliance, the number and type of pictograms may vary. Some pictograms might have an A-D scale, if necessary.

DISHWASHERS







LAMPS

WXYZ
kWh / 1000h
This icon expresses the energy consumption in kWh of electricity consumption per 1,000 hours of on-mode

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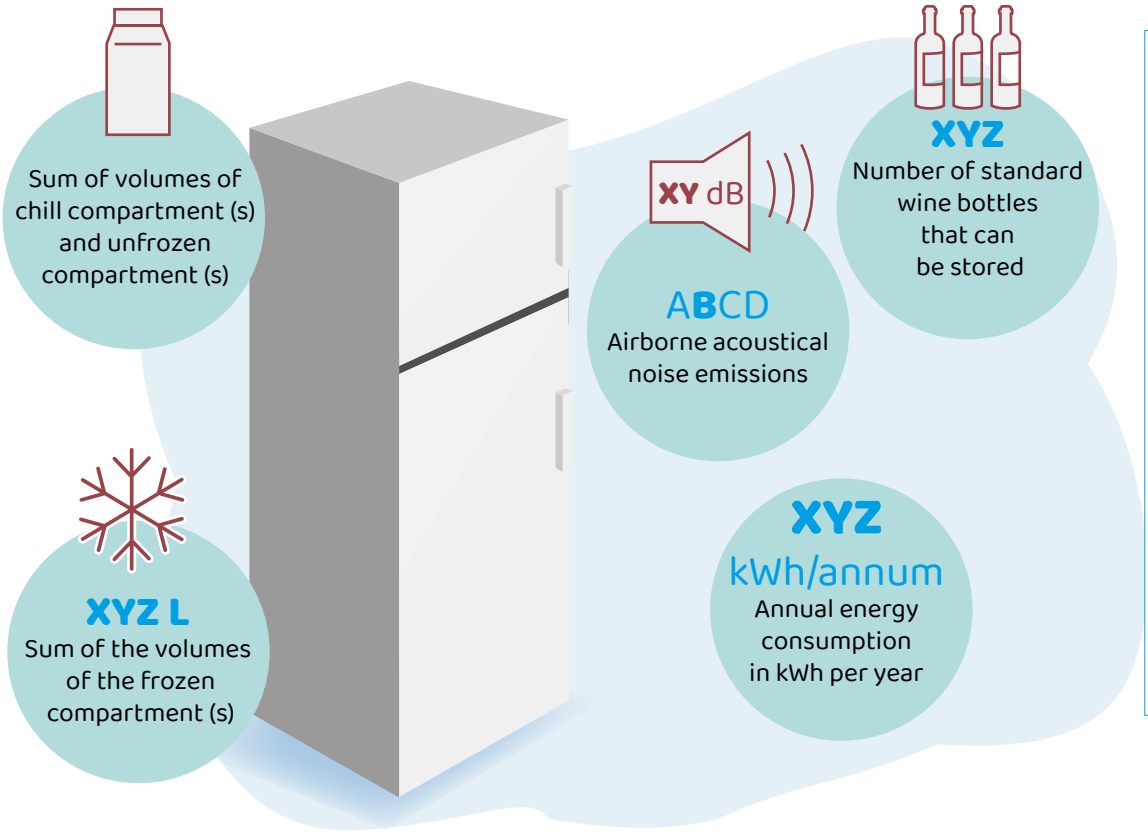
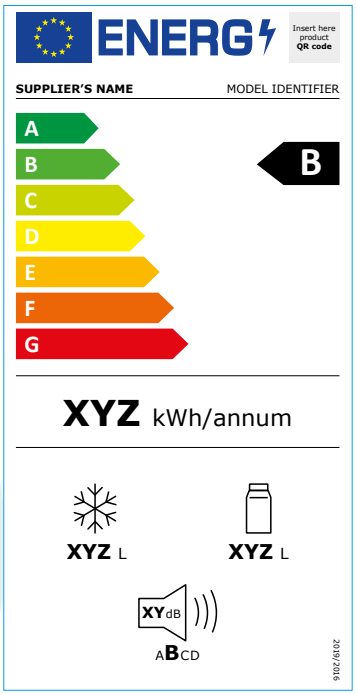
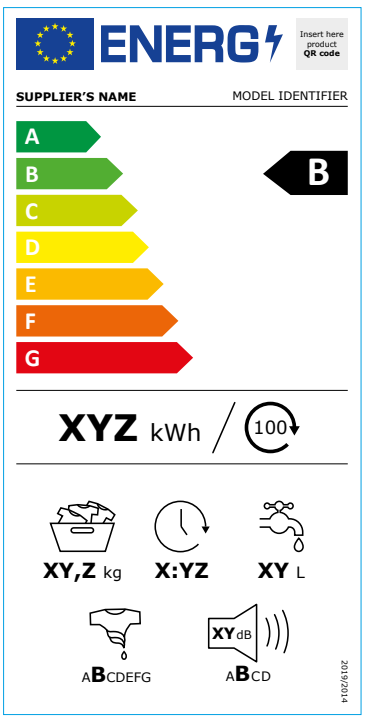
REFRIGERATOR APPLIANCES

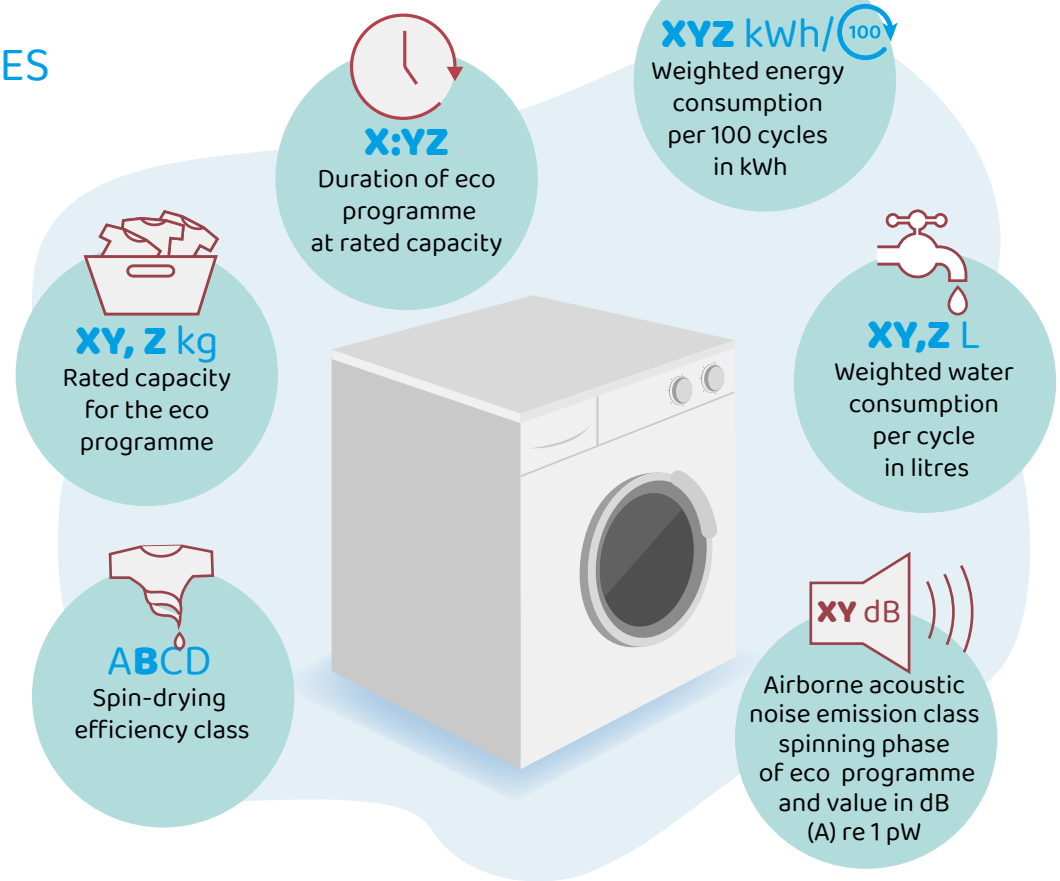


WINE STORAGE APPLIANCES



WASHING MACHINES





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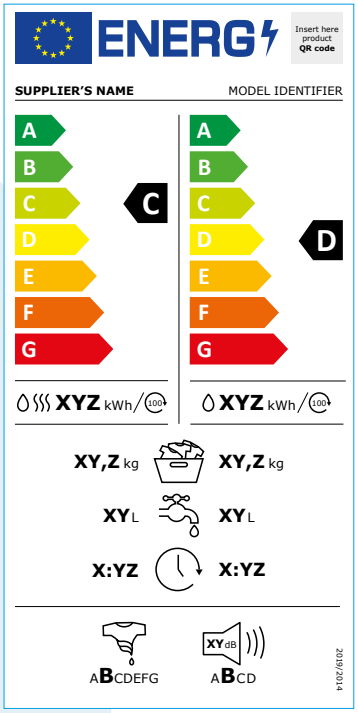
WASHER-DRYERS

XYZ kWh/100
Weighted energy consumption per 100 cycles in kWh for complete cycle (washing+drying)

XYZ kWh/100
Weighted energy consumption per 100 cycles in kWh for washing cycle

ABCDFG
Spin-drying efficiency class

XYL XYL
Weighted water consumption per cycle in litre for complete cycle (left side) and for washing cycle (right side)



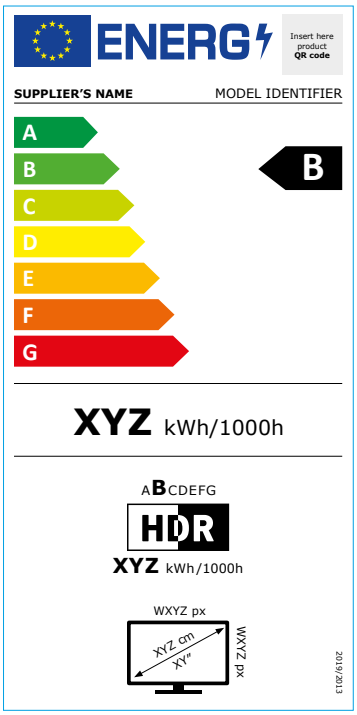
XY, Z kg XY, Z kg
Rated capacity for complete cycle (left side) and for washing cycle (right side)

XY dB

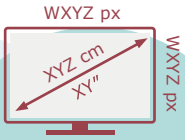
ABCD
Airborne acoustic noise emission class spinning phase of eco programme and value in dB(a) re 1 pW

X:YZ X:YZ
Cycle duration at rated capacity for complete cycle (left side) and for washing cycle (right side)

ELECTRONIC DISPLAYS



WXYZ
kWh / 1000h
on mode energy consumption in kWh per 1 000 h, when playing SDR* content, rounded to the nearest integer



visible screen diagonal in centimeters and inches and horizontal and vertical resolution in pixels

ABCDFG
HDR
XYZ kWh / 1000h
the energy efficiency class when using PmeasuredHDR**; the on mode energy consumption in kWh per 1 000 h, when playing HDR content, rounded to the nearest integer

*SDR Software defined radio - **HRD High Dynamic Range

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