

Energy Label Updates

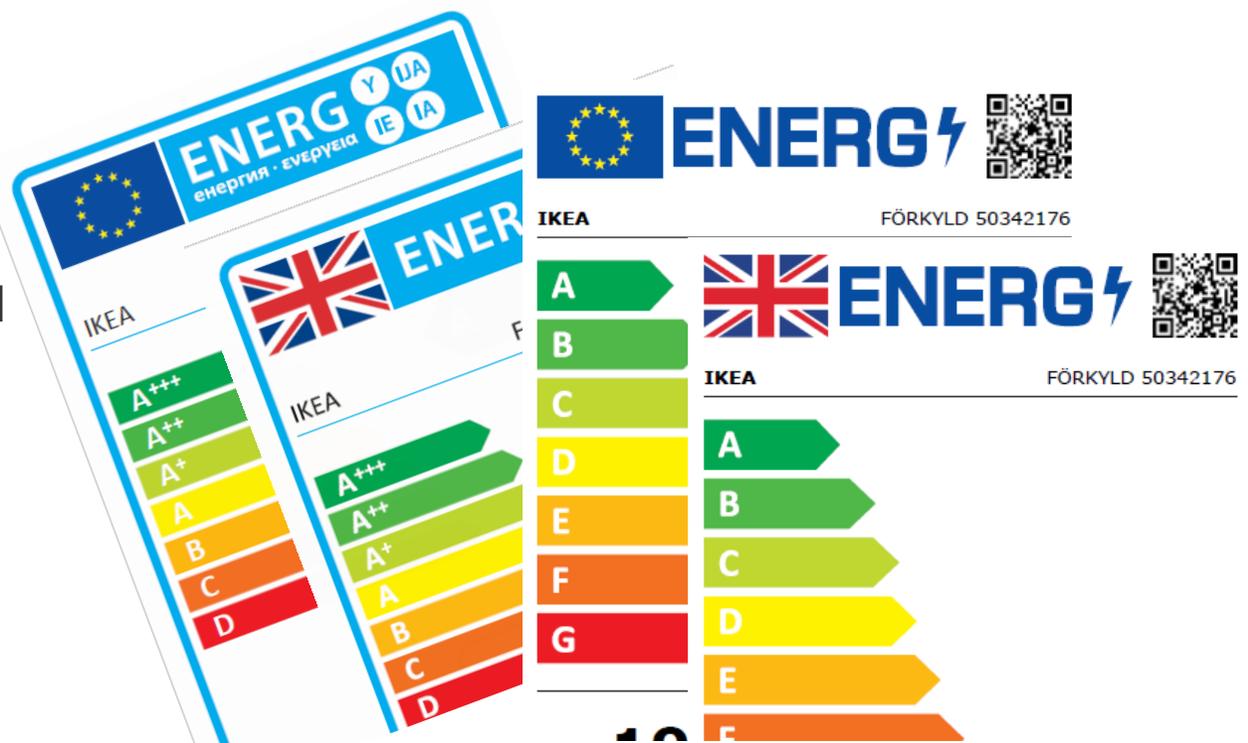
White Goods March 2021

Why are energy labels changing?

First introduced 20 years ago, energy labels awarded a product with an A for high efficiency, or an F for low efficiency and encouraged manufacturers to drive innovation by using more energy efficient technologies. Over time, the scheme evolved and labels of A+, A++ and A+++ were added, adding confusion for consumers.

From 2021 onwards, these A+, A++, A+++ rankings will be phased out for refrigerators, washing machines, washer-dryers and dishwashers and the new grading system will use only the A to G rankings.

The new regulations are for European consumers and will also apply in non-EU countries.



What happens now?

These new labels will be visible in physical stores and online as of March 1st 2021.

A new element in these labels is a QR code which will provide consumers additional, official (non-commercial) information if they scan the code with a smartphone. This data available to any European citizen, is in the EPREL EU database.



IKEA

IKEA

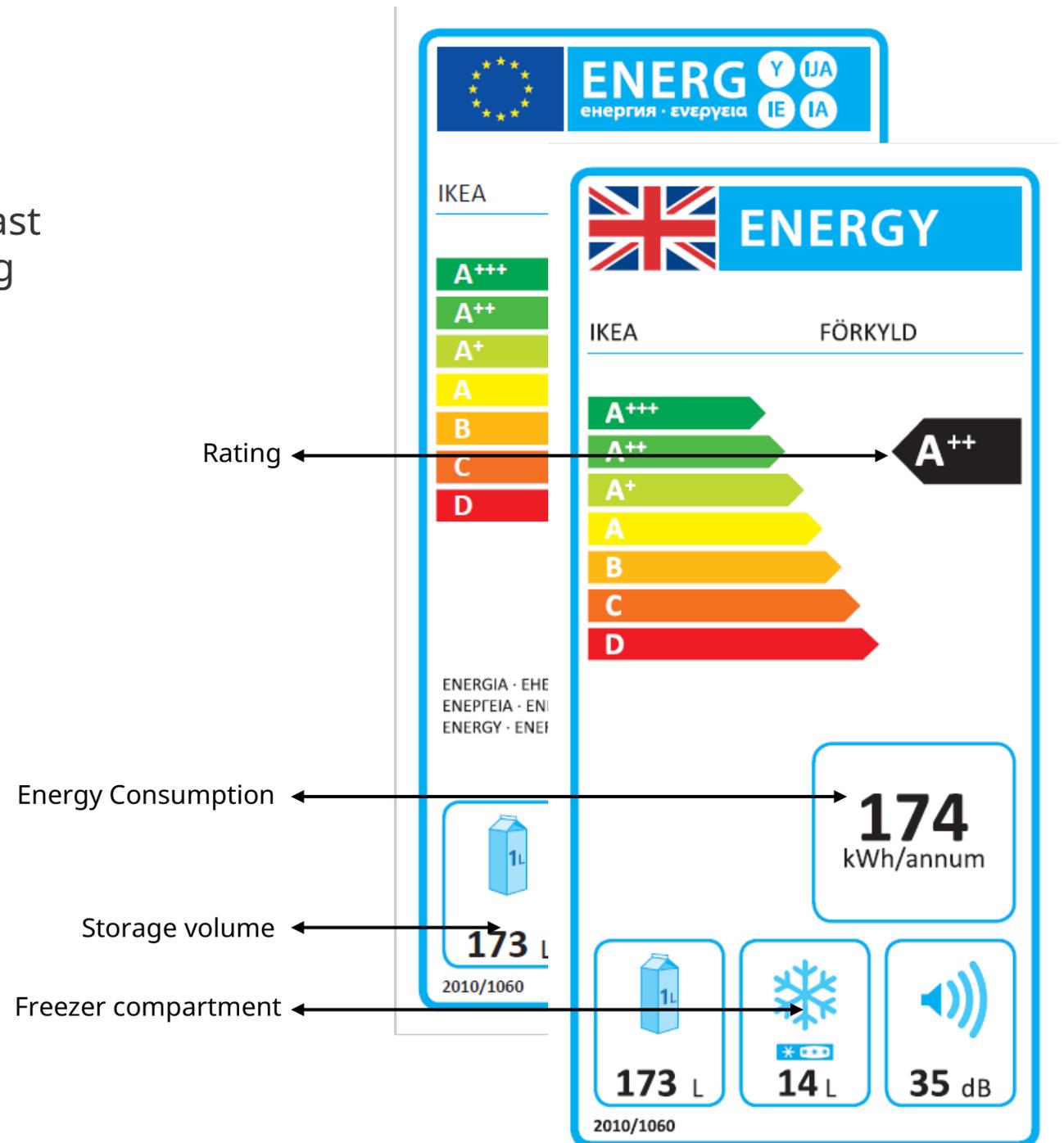
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How the old labels worked

At the moment, the energy efficiency rating scale ranges from A+++ (the most efficient) to D (the least efficient) and only takes into account the following factors:

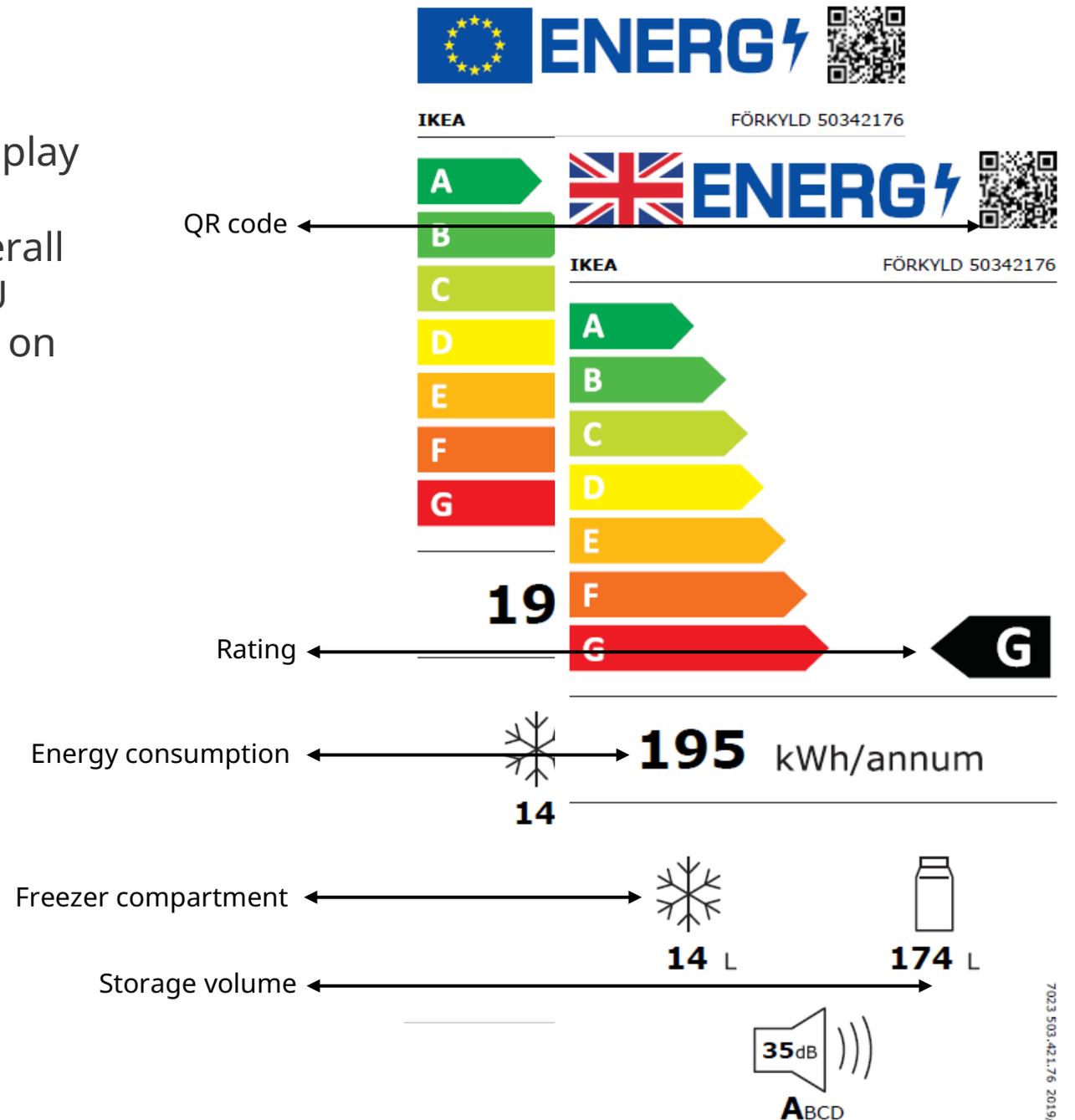
- Energy consumption
- Storage volume
- Whether or not the appliance has a freezer compartment



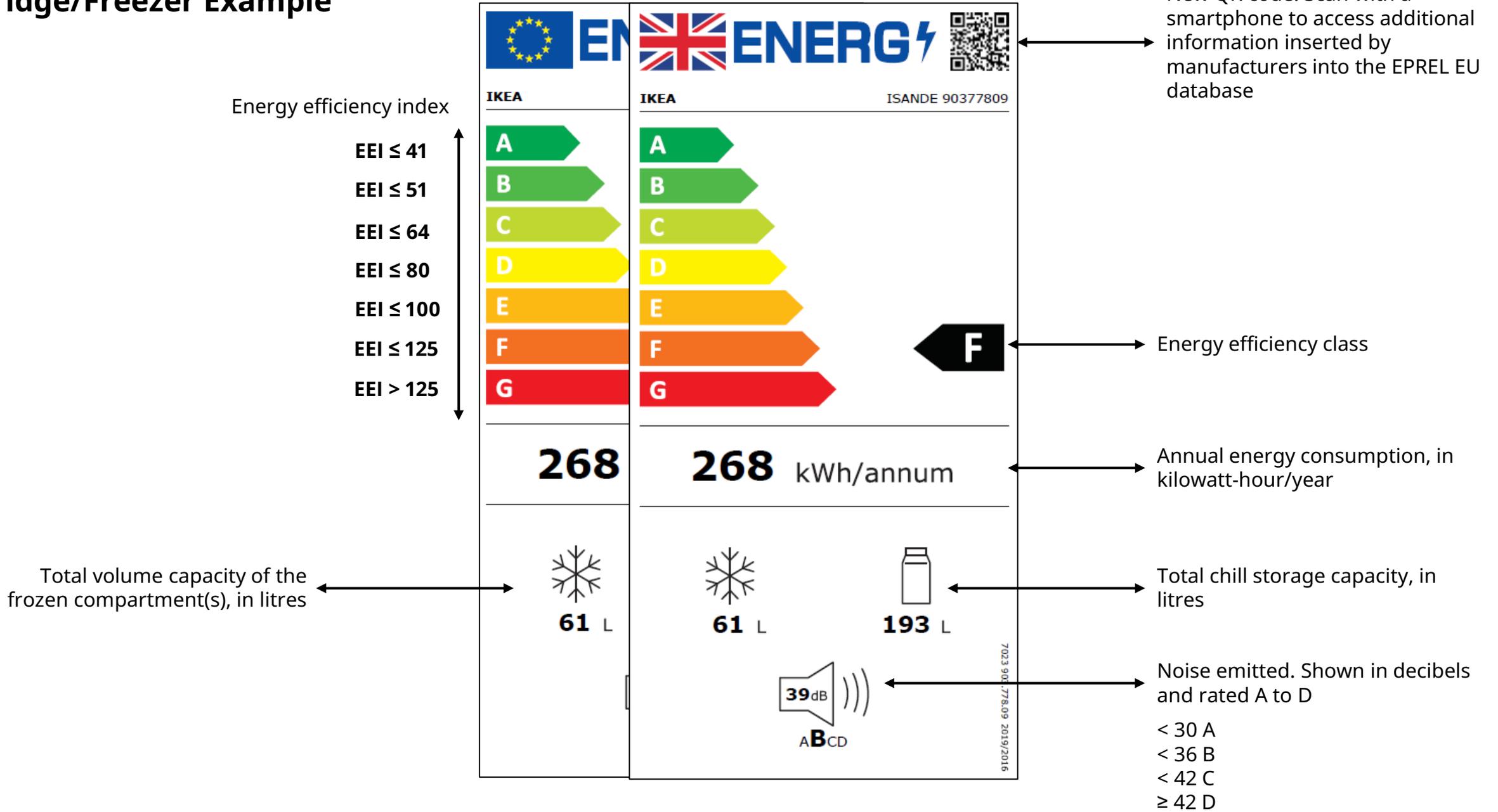
How the new labels will work

For the first time, these new energy labels will display not only energy efficiency consumption, but also include other elements in line with improving overall sustainability. Depending on the products, the EU legislation on eco-design will include information on factors such as:

- Reparability
- Recyclability
- Maintenance
- Re-usability
- Upgrades
- Waste handling of appliances



Fridge/Freezer Example



New QR code: Scan with a smartphone to access additional information inserted by manufacturers into the EPREL EU database

Energy efficiency class

Annual energy consumption, in kilowatt-hour/year

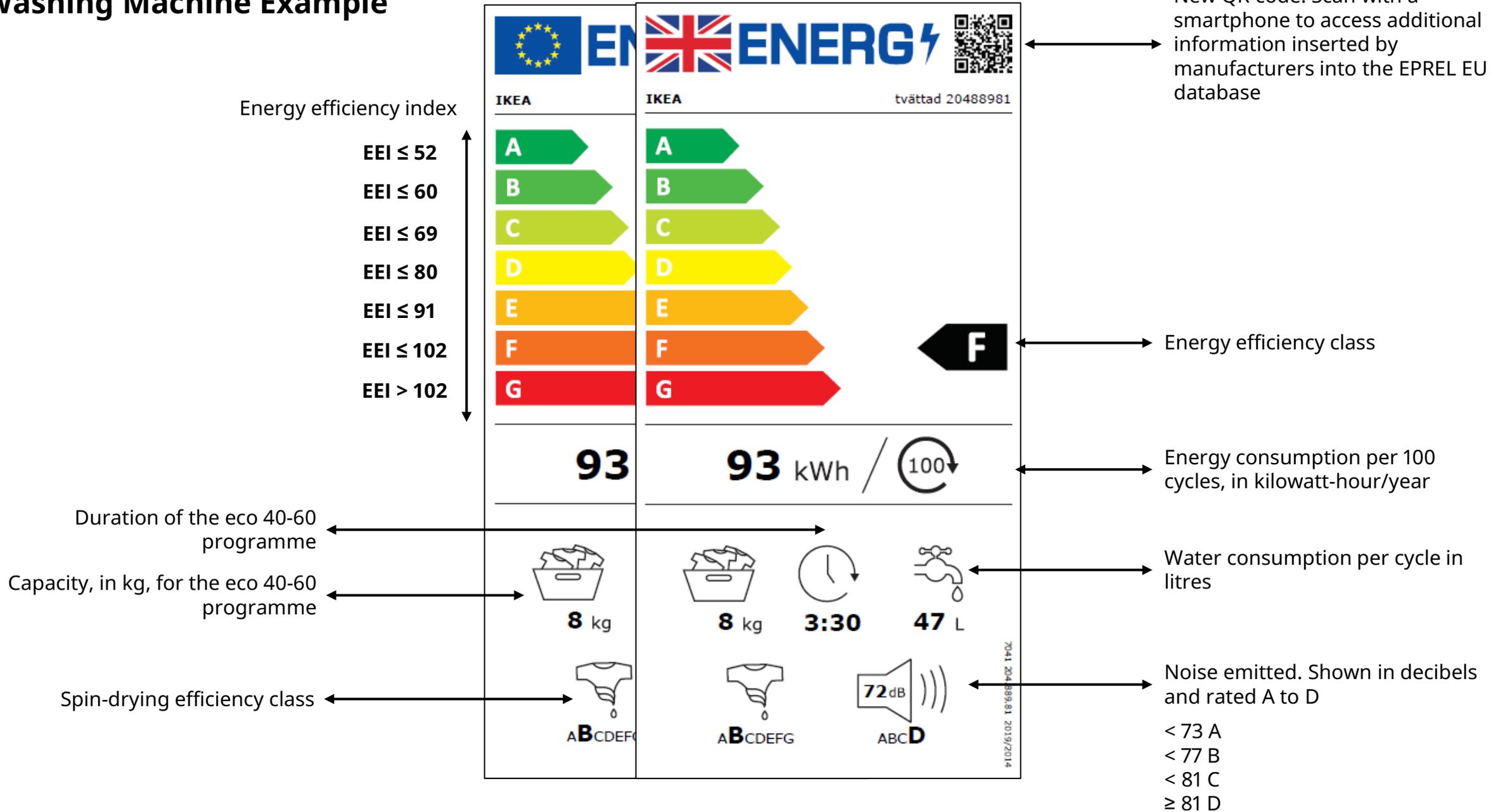
Total chill storage capacity, in litres

Noise emitted. Shown in decibels and rated A to D

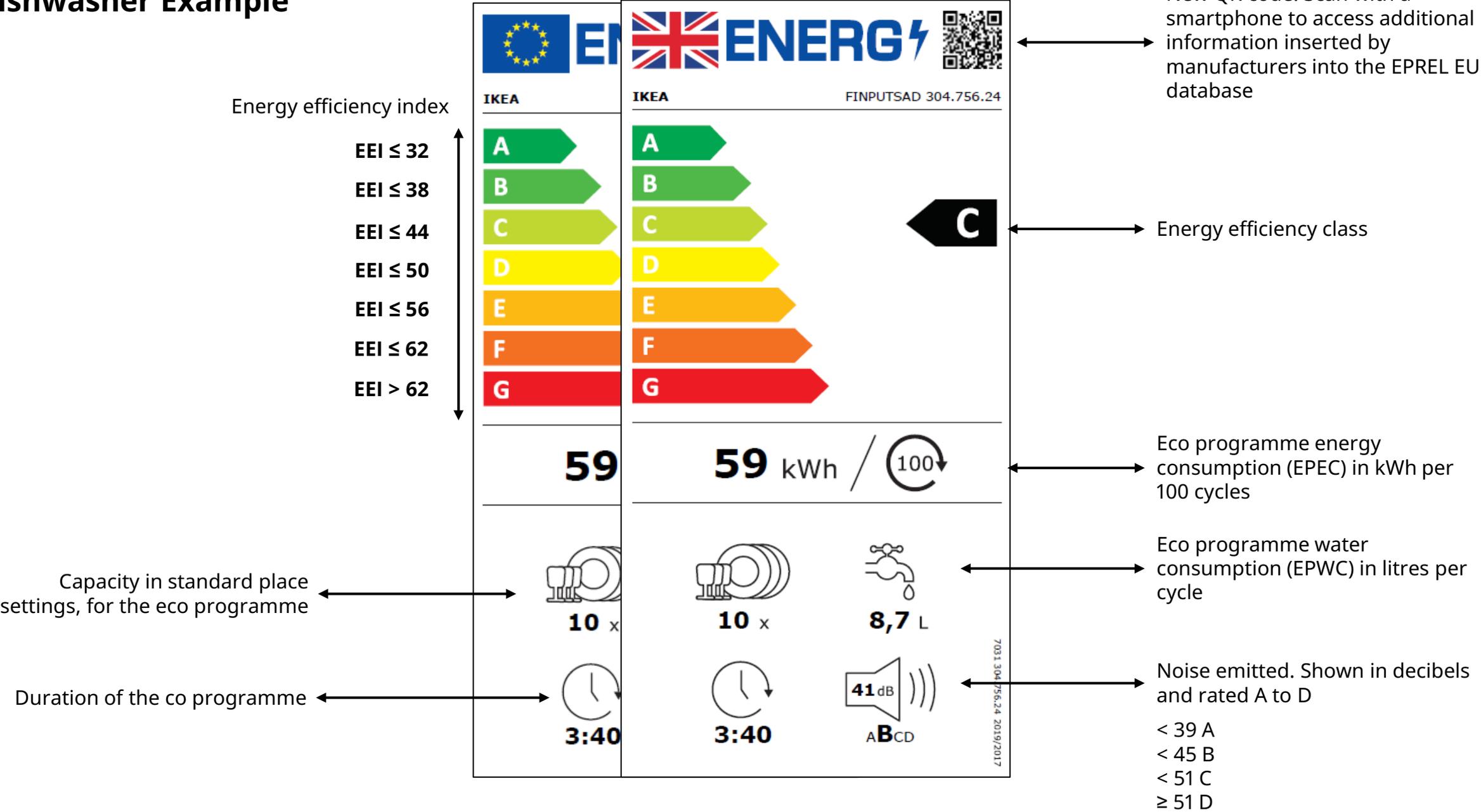
- < 30 A
- < 36 B
- < 42 C
- ≥ 42 D

Total volume capacity of the frozen compartment(s), in litres

Washing Machine Example



Dishwasher Example



Energy efficiency index

- EEI ≤ 32
- EEI ≤ 38
- EEI ≤ 44
- EEI ≤ 50
- EEI ≤ 56
- EEI ≤ 62
- EEI > 62

New QR code: Scan with a smartphone to access additional information inserted by manufacturers into the EPREL EU database

Energy efficiency class

Eco programme energy consumption (EPEC) in kWh per 100 cycles

Eco programme water consumption (EPWC) in litres per cycle

Noise emitted. Shown in decibels and rated A to D

- < 39 A
- < 45 B
- < 51 C
- ≥ 51 D

Capacity in standard place settings, for the eco programme

Duration of the eco programme

7031 304 756 24 2019/2017