



A WORLD OF FRESH IDEAS



A NEW EUROPEAN ECO-LABEL: WHY ?

As additional questions will pop up regarding the new European ECO-label effective as from March 1st 2021, we hereby would like to share some extra info. The UK will introduce parallel Regulations imminently for the Great Britain (GB) market.

This new energy label brings changes for refrigerated displays, which will see the least efficient cooling units banned from being sold and requiring all new coolers to display an official energy label when sold. For the first time, cooling units as COOLIO will have an official energy rating – similar to those already displayed on household TVs and washing machines – and be required to display this for customers.

The new official energy label (based on a A-G rating) will not permit any refrigerated machine to be better than a Class C at its introduction and has been designed so that most machines cannot be a Class A until at least 10 years from now. Due to the inherent design differences between e.g. an open front versus a closed front cooler, different types of coolers will typically have different benchmark results.

Good to know: In addition, the criteria will also become stricter in the near future. A refrigerator that has an A+++ rating today, may get a label B or C from 1 March 2021. Initially, no appliance will receive the A label. This category is meant for appliances that are more energy efficient than those already on the market today. Because of this tightening, it seems as if an appliance is suddenly less energy-efficient, which is just an illusion.

Modifications that have been done on the new e-Coolio version 2021:

- standard fans have been replaced by electronic fans: The capacity/power remained identical to the previous unit (*).
- an integrated visible thermometer has been added on the front grill.

Updated modifications e-Coolio D - produced after 01/06/2022:

- resulted in a better performance combined with the Check-Out Freshboard™ and has now Class M2.

The new e-coolio has been tested according EN23953(**), in a climat room under following conditions (3= 25°C, 60%RH * Temp. H1 (-1°C +10°C) and has a

- D label (when combined with the Freshboard Traditional, 3 trays) -- vs. Consumption 5,72Kwh/24h
- D label (when combined with the Freshboard Check-Out, 2 trays) -- vs. Consumption 4,77Kwh/24h
- D label (when combined with the Freshboard Check-Out, 2 trays) M2 class (-1° +7°C) -- vs. Consumption 5,68 Kwh/24h
- D label (when combined with the NOMAD) -- vs. Consumption 3,23Kwh/24h
- F label (when combined with the Freshboard Open-Top) -- vs. Consumption 3,49Kwh/24h
- G label (when combined with the Freshboard Dumpbin) -- vs. Consumption 4,57Kwh/24h
- D label (when combined with the Freshboard Traditional with windows, 3 trays) -- vs. Consumption 5,69Kwh/24h
- D label (when combined with the Fresh-Frame 2.0 with 3 trays) -- vs. Consumption 5,72Kwh/24h

The important difference in letters relates to the TDA(***), the measured surface in m² of the product visibility which is much higher on the NOMAD because of its four transparent sides, while the other Freshboards – especially the Dumpbin, products are only visible from the upper side. Hence - because of regulation parameters - the letters F and G.

The Coolio® & Freshboard™ concept is a promotional tool and therefor it's important to keep following in mind:

- Mounting of the Freshboard & trays need to be done upon the manual guidelines
- Make sure the filling products do not block the air ventilation holes (back side of the Freshboard & front grill)
- Optimal filling condition per tray is 70% - this is the most effective sales impact and at the same time most ideal filling capacity to maintain a steady temperature.
- Good to know: cardboard or plastic product packaging will need more time to get chilled
- The time of being on the shop-floor is temporary (promotional) so Coolio cannot be compared to a permanent cooler
- EU measurement was done under 25°C, were normal retail temperatures are +/- 20°C (product temp. +1°C +7°C)
- The temperature indicated on the thermometer on the front grill, does not reflect the temperature inside the Freshboard, but measures the airflow inside the cooler, which fluctuates depending the compressor modus. (Defrost or not)

* Comparing to the e-Coolio 2020, tested under these new conditions, the consumption of the previous unit would be 6,58 Kwh/24h for a label E.

** more info can be found on [the website](#) of European Commission

*** TDA = Total Display Area (EN-ISO 23953) (m. 2.) For a Refrigerated Display cabinet, the value TEC / TDA represents the **energy** use/unit of display area.

COOLIO INTERNATIONAL
Dendermondestraat 44
2018 Antwerpen - Belgium
Tel. +32 472 22 13 47
info@coolio-international.com

THE DISPLAY COOLING COMPANY NV
www.coolio-international.com
IBAN: BE32 0689 0622 9702
BIC: GKCCBEBB
TVA: BE0816.942.215

PART OF THE IOC GROUP

