

MAURITIAN **MS 205:2022**  
STANDARD

Third edition  
2022-05-14

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**Energy efficiency – Energy  
labelling of household  
dishwashers - Requirements**

ICS: 97.040.30



**Mauritius Standards Bureau**  
**Moka**



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## **Foreword**

This Mauritian Standard was drawn by the **Electrical Engineering Standards Committee** through its Subcommittee on Energy Efficiency. It was approved by the Standards Council on 31 March 2022 and notified in the Government Gazette on **14 May 2022\***.

This third edition cancels and replaces the second edition (MS 205:2021) which has been technically revised.

The main changes compared to the previous edition are as follows:

- The energy classes have been re-scaled from A to G;
- The calculations as detailed in Annex C, has been updated.

In preparing this standard, assistance has been derived from the following documents and gratefully acknowledged:

- (i) EU 2017/1369, European Commission Regulation on Setting a framework for energy labelling;
- (ii) EU 2019/2017, European Commission Supplement Regulation with regard to energy labelling of household dishwashers;
- (iii) EU 2021/340, European Commission Amending Delegated Regulations (EU) 2019/2013, (EU) 2019/2014, (EU) 2019/2015, (EU) 2019/2016, (EU) 2019/2017 and (EU) 2019/2018 with regard to energy labelling requirements for electronic displays, household washing machines and household washer-dryers, light sources, refrigerating appliances, household dishwashers, and refrigerating appliances with a direct sales function

**\* General Notice No. 738 of 2022**

## Introduction

Energy labels are informative labels affixed to manufactured products indicating products' energy performance and efficiency in a way that allows for comparison between similar products or endorses the products' use.

Energy labelling enables customers to make informed choices based on the energy consumption of energy-related products. Information on efficient and sustainable energy-related products makes a significant contribution to energy savings. This makes it easier for consumers to save money on their household energy bills, while reducing greenhouse gas emissions. It also contributes to innovation and investment in energy efficiency, and enables industries which develop and produce the most energy efficient products to gain a competitive advantage. Manufacturers are keen to see their energy-labelled products in the highest available category when compared to competitors.

In addition to information about the product's energy consumption, the labels can also provide specific data about other relevant features of usage such as the product's noise emissions or water consumption.

First introduced for a number of household appliances in 1994 and subsequently expanded in 2004 – with a comparative scale from A (most efficient) to G (least efficient).

### New generation labels

As a result of the development of more and more energy efficient products, and because the difference between A++ and A+++ is less obvious to the consumer, the energy labels categories have been adjusted to reintroduce the simpler 5 products group A to G scale.

A product showing an A+++ energy efficiency class could for example become a class B after rescaling, without any change in its energy consumption. The class A will initially be empty to leave room for more energy efficient models. This will enable consumers to distinguish more clearly between the most energy efficient products. At the same time, it is likely to encourage manufacturers to continue research and innovation into more energy efficient technologies.

PREVIEW

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# Energy efficiency - Energy labelling of household dishwashers – Requirements

## 1 Scope

This Mauritian Standard specifies requirements for the labelling of, and the provision of supplementary product information on, electric mains-operated household dishwashers, including built-in household dishwashers and electric mains-operated household dishwashers that can also be powered by batteries.

This standard is not applicable to non-household dishwashers as they have distinct characteristics and uses.

This standard does not specify the safety requirements for household dishwashers which are covered in MS IEC 60335-2-5.

## 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

|           |   |
|-----------|---|
| IEC 60436 | <i>Electric dishwashers for household use – Methods for measuring the performance</i> |
| EN 60436  | <i>Electric dishwashers for household use – Methods for measuring the performance</i> |

## 3 Terms and definitions

For the purpose of this standard the following terms and definitions apply:

### 3.1

#### **built-in household dishwasher**

household dishwasher that is designed, tested and marketed exclusively:

- to be installed in cabinetry or encased (top, bottom and sides) by panels;
- to be securely fastened to the sides, top or floor of the cabinetry or panels; and
- to be equipped with an integral factory-finished face or to be fitted with a custom

### 3.2

#### **cleaning performance index**

ratio of the cleaning performance of a household dishwasher to the cleaning performance of the reference household dishwasher