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Energy Consumption of Vending Machines

Táto norma obsahuje anglickú verziu európskej normy. This standard includes the English version of the European Standard.

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English Version

Energy Consumption of Vending Machines

Consommation d'énergie des distributeurs automatiques

Energieverbrauch von Verkaufsautomaten

This European Standard was approved by CENELEC on 2015-09-07. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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EN 50597:2015 (E)

European foreword

This document (EN 50597:2015) has been prepared by CLC/TC 59X "Performance of household and similar electrical appliances".

The following dates are fixed:

to be implemented at national level by	
 publication of an identical national standard or by endorsement latest date by which the national standards conflicting with this document have to be withdrawn 	2018-09-07

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Introduction

Vending machines are included in the European Commission's eco-design study on ENER Lot 12. It is foreseen that an Ecodesign Regulation implementing Directive 2009/125/EC on the eco-design of energy-related products will be adopted in the future, and a corresponding standardization request will be issued to CEN and CENELEC accordingly. The development of the present European Standard was deemed necessary in a view to anticipate the above-mentioned developments.

EN 50597:2015 (E)

1 Scope

This European Standard defines methods for the measurement of energy consumption of vending machines, whether or not fitted with refrigerating appliances.

The European Standard applies (but is not limited) to the following categories of machine types:

Table 1 — Vending machine categories

CATEGORY	MACHINE TYPE	
1	Refrigerated closed fronted can and bottle machines where the products are held in stacks	
2	Refrigerated glass fronted can and bottle, confectionery & snack machines	
3	Refrigerated glass fronted machines entirely for perishable foodstuffs	
4	Refrigerated multi-temperature glass fronted machines	
5	Confectionery and snack machines that are not refrigerated	

For verification purposes all the tests specified need to be applied to a single unit. The tests may also be made individually for the study of a particular characteristic.

This European Standard does not deal with any characteristics of machine design other than energy consumption.

2 Normative references

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

EN 50564, Electrical and electronic household and office equipment — Measurement of low power consumption

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