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**Methods of calculation and representa-
tion of energy efficiency standard
achievement percentage of electrical and
electronic appliances**

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry, through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of The Japan Electrical Manufacturers' Association (JEMA)/The Japan Refrigeration and Air Conditioning Industry Association (JRAIA)/Japan Lighting Manufacturers Association (JLMA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently, **JIS C 9901:2010** is replaced with this Standard.

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Methods of calculation and representation of energy efficiency standard achievement percentage of electrical and electronic appliances

Introduction

This Japanese Industrial Standard was established in 2000 for the purpose of standardizing the methods of calculation and representation of energy efficiency standard achievement percentage of electrical and electronic appliances, making it easier for general consumers to understand, and promoting the popularization of energy efficient appliances. Afterwards, this Standard has gone through four revisions, the last of which was carried out in 2010. At this time, the revision is to correspond to the revision of the Act on the Rational Use of Energy (Act No. 49 of 1979) (hereafter referred to as the “Energy Conservation Act”).

No International Standard corresponding to this Standard has been established at this point.

1 Scope

This Standard specifies the methods of calculation and representation of energy efficiency standard achievement percentage of electrical and electronic appliances.

In this Standard, electrical and electronic appliances are, in accordance with the Energy Conservation Act, mainly for general household use out of the following specific appliances for which the standard coefficient of performance is specified. In **d)**, **e)** and **h)**, however, electrical and electronic appliances for business use are included.

In addition, requirements for A.C. motor and LED lamp in **o)** and **p)**, **a)** of clause **4** and **5.5** are applicable from the date when “standards of judgment” for manufacturers etc. concerning A.C. motor and LED lamp are determined by the Minister of Economy, Trade and Industry based on the provision of paragraph 1 of Article 78 of the Energy Conservation Act.

- a) Air conditioner
- b) Luminaire whose main light source is fluorescent lamp only
- c) Television receiver
- d) Refrigerator
- e) Freezer
- f) Electronic computer
- g) Magnetic disc appliance
- h) Transformer