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Electric vacuum cleaners

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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 Japanese Industrial Standard submitted by the Japan Electrical Manufacturers' Association (JEMA) 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 9108:2007** has been replaced with this Standard.

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Electric vacuum cleaners

1 Scope

This Japanese Industrial Standard specifies electric vacuum cleaners for household with a rated power consumption of 100 W to 1 000 W in which the back pressure of a blower driven by a motor is utilized and other vacuum cleaners of over 1 000 W to and including 1 500 W (hereafter referred to as “vacuum cleaner”). However, this Standard is not applicable to vacuum cleaners which have a rotating brush mechanically connected to the blower motor, vacuum cleaners in which a floor suction fitting is directly fixed to the cleaner body (hereafter referred to as “body”) thus the floor suction fitting or the path is not separable, vacuum cleaners that require piping work and rechargeable vacuum cleaners and industrial-use vacuum cleaners.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS A 5705 *Floorcovering—PVC*

JIS C 3301 *Rubber insulated flexible cords*

JIS C 3306 *Polyvinyl chloride insulated flexible cords*

JIS C 8303 *Plugs and receptacles for domestic and similar general use*

JIS C 60068-2-75 *Environmental testing—Part 2-75: Tests—Test Eh: Hammer tests*

JIS C 61000-3-2 *Electromagnetic compatibility (EMC)—Part 3-2: Limits—Limits for harmonic current emissions (equipment input current ≤ 20 A per phase)*

JIS K 2240 *Liquefied petroleum gases*

JIS K 5600-5-4 *Testing methods for paints—Part 5: Mechanical property of film—Section 4: Scratch hardness (Pencil method)*

JIS K 7202-2 *Plastics—Determination of hardness—Part 2: Rockwell hardness*

JIS S 6006 *Pencil, coloured pencils and leads for them*

JIS Z 8731 *Acoustics—Description and measurement of environmental noise*

3 Terms and definitions

For the purposes of this Standard, the following terms and definitions apply.

3.1 standard condition for measurement

condition in which the vacuum cleaner is fitted with a new dust collecting bag and/or a new dust collecting container and a new filter, the appended hose is connected to the suction port of the cleaner body such that it is in straight and natural state, and an extension tube under standard condition is connected to the front end of the hose with its front opening at least 100 mm apart from any obstacle and fully opened