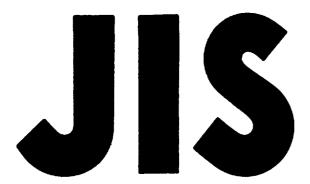
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JAPANESE INDUSTRIAL STANDARD

Electric ovens

JIS C 9206-1994

Translated and Published

by

Japanese Standards Association

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JIS

Electric ovens

C 9206-1994

1. Scope This Japanese Industrial Standard specifies electric ovens for domestic use with a rated power consumption not exceeding 2 kW (hereafter referred to as "ovens"). Fish roasters, oven toasters are excluded.

Remarks: 1. The following standards are cited in this Standard:

JIS A 9505	Thermal insulation material made of glass wool
JIS C 0602	General rules of colour identification for protective conductor and neutral conductor and terminal marking for apparatus
JIS C 2520	Wires and rolled wires for electrical heating
JIS C 3301	Rubber insulated flexible cords

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

JIS C 8304 Small switches for indoor use

JIS C 8358 Appliance couplers for domestic and similar use

JIS K 2240 Liquefied petroleum gases

JIS K 5400 Testing methods for paints

JIS K 7202 Method of Rockwell hardness test for plastics

JIS S 6006 Pencils and coloured pencils

- 2. The units and numerical values in { } in this Standard are based on traditional units and are appended for informative reference.
- 2. <u>Definitions</u> For the purpose of this Standard, the following principal definitions apply:
- (1) <u>electric oven</u> An apparatus which heats and cooks foods by utilizing electric heat in the form of convection heat and radiation heat.
- (2) <u>time switch</u> A switch on which the time is set by the user at use and which cuts off the current to the heating element when the set time is elapsed.
- (3) rack A netting on which food to be cooked is placed.
- (4) tray A pan on which food to be cooked is placed.
- 3. Rated voltage and rated frequency The rated voltage shall be a single-phase a.c. voltage not exceeding 300 V, and the rated frequency shall be 50 Hz, 60 Hz or 50 Hz/60Hz in common.

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4. Performances

- 4.1 Starting When an oven with a motor is tested as specified in 7.2, the motor shall start irrespective of the position of rotor.
- 4.2 <u>Voltage fluctuation</u> When the test of 7.3 is carried out, the voltage fluctuation shall cause no trouble to practical service.
- 4.3 <u>Power consumption</u> When the test of 7.4 is carried out, the power consumption shall fall within the value from the rated power consumption specified in Table 1.

Rated power consumption W	Tolerance %
Up to and incl. 1000	±10
Over 1000 up to and incl. 2000	+ 5 -10

Table 1. Tolerance on power consumption

4.4 Insulation

- 4.4.1 <u>Insulation resistance</u> When the test of 7.5.1 is carried out, the insulation resistance shall be not less than 1 $M\Omega$.
- 4.4.2 <u>Dielectric withstand voltage</u> When the dielectric withstand voltage test is carried out as specified in 7.5.2, the specimen shall withstand the test voltage.
- 4.4.3 <u>Leakage current</u> when the test of 7.5.3 is carried out, the leakage current shall not exceed 1 mA.

4.5 Temperature

4.5.1 Normal temperature When the normal temperature test is carried out as specified in 7.6.1, the temperature at each part shall not exceed the value specified in Table 2.