

JIS

JAPANESE INDUSTRIAL STANDARD

Electrically heated area rugs

JIS C 9216^{—1992}

Translated and Published

by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

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1. Scope

This Japanese Industrial Standard specifies electrically heated area rugs by single phase a.c. supply with a rated voltage 100 V and a rated power consumption exceeding 100 W, having a front area of 1.5 m² or more, employing a heat sensitive wire or heat sensitive area for temperature detection (hereafter referred to as "area rugs").

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

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 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 L 0801-General Principles of Testing Method for Colour
Fastness

JIS L 0842-Testing Methods for Colour Fastness to Carbon Arc
Lamp Light

JIS L 0849-Testing Method for Colour Fastness to Rubbing

JIS L 1021-Testing Methods for Textile Floorcoverings

JIS L 1023-Testing Methods for Several Characteristics of Textile
Floor Coverings

JIS L 2001-Cotton Wadding

JIS L 4405-Tufted Carpets

JIS S 6006-Pencils and Coloured Pencils

2. The units and numerical values given in { } in this Standard are based on the traditional unit system and are appended for informative reference.

2. Definitions

For the purpose of this Standard, the following principal definitions apply:

- (1) main body The part of area rug which is fundamentally flat, contains the heating elements inside and is used for providing warmth. In general, the integrated type has surface cloth with piles portion, and the separate type has surface cloth without piles portion.
- (2) controller A device which carries out the on-off of the power supply and/or controls or changes the temperature. There are two types i.e. the one attached to the cord and the one attached to the main body.
- (3) functional body The generic name of main body and controller.
- (4) heating element The heating wire or heating area covered with insulating materials.
- (5) heat sensitive wire The wire arranged continuously inside the main body to detect the temperature, to convert the detected temperature characteristic to the electric characteristic and to transmit it to the control device.
- (6) heat sensitive area The sheet arranged inside the main body to detect the temperature, to convert the detected temperature characteristic to the electric characteristic and to transmit it to the control device.
- (7) set temperature The temperature at the temperature guarantee point assigned by the manufacturer.
- (8) warming surface cloth This is the cloth which comes in contact with the user at warming and which has generally a piled portion. It means the upper surface of main body in the integrated type one, and the exclusive cover in the separate type one.
- (9) starting current The power consumption at the start of passing current divided by the rated voltage.
- (10) clean water City water of waterworks.
- (11) type permitting joint use with KOTATSU (Japanese type framed foot warmer) An area rug which permits joint use (simultaneous current passing) of table type KOTATSU on its main body.
- (12) exclusive cover The cover which is used for separate type ones, assigned by the manufacturer and has piled portion in general.
- (13) dirt preventive cover The cover used for integrated type ones having no piled portion in general.
- (14) rated current The rated power consumption divided by the rated voltage.
- (15) connector Plug and receptacle, and appliance coupler for domestic and similar use which are engaged and disengaged by the user.