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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3195.2-2012

Test methods for household and similar electrical appliances for import and export. Part 2: Measurement of energy consumption of absorption-type refrigerating appliances

进出口家用和类似用途电器检测方法 第2部分：吸收式制冷设备 耗电量的测量

(English Translation)

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3.1 Terms and Definitions

Foreword

SN/T 3195 "Importers of household and similar electrical appliances detection method" consists of several parts, the expected structure.

--- Part 1. Oven energy measurement;

--- Part 2. Absorption refrigeration equipment measuring power consumption;

--- Part 3. household electric washing machine energy efficiency measurements.

This section SN/T Section 23195 of.

This section drafted in accordance with GB/T 1.1-2009 given rules.

Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

This section proposed and managed by the National Certification and Accreditation Administration Committee.

1 Scope

SN/T 3195 This section specifies the test methods for the import and export domestic absorption refrigeration device power consumption measurements.

This section applies to single-phase appliances rated voltage not exceeding 250V, other appliances rated voltage not exceeding 480V household and similar purposes Transit refrigeration equipment.

This section does not apply to household and similar equipment containing refrigerant compressors.

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2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

Part 1 GB 4706.1-2005 Safety of household and similar electrical appliances. General requirements Particular requirements GB 4706.13-2008 household and similar electrical appliances - Safety refrigerating appliances, ice-cream machines and ice machines

3.1 Terms and Definitions

GB 4706.1-2005, GB 4706.13-2008 define the following terms and definitions apply to this document.

3.1.1

Domestic refrigeration householdrefrigeratingappliance Assembled in the factory, by one or more chambers formed with a suitable home volume and structure, the use of natural convection or a frost-free system (Forced convection), one or more of the energy consumption for cold insulation box.

Note: From the installation point of view, refrigerating appliances for household and similar use with a variety of types (for example. in vertical, wall-mounted, embedded, etc.).

3.1.2

Absorption appliance absorption-typeappliance by liquid refrigerant in the heat exchanger (evaporator) low pressure evaporator, the resulting vapor absorbed by the absorbing medium, followed by the addition of Heat, higher steam partial pressure in the refrigerant is discharged, in a further heat exchanger (condenser) cooled into liquid refrigerant recovery system to achieve Cold appliance.

3.1.3

Freezer refrigerator Refrigerating appliances for preserving food, which has at least one compartment suitable for the storage of fresh food.

3.1.4

Semiconductor freezer semiconductorrefrigerator Use of PN-type semiconductor through the DC, produce Peltier effect at node principle to achieve refrigeration freezer.

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