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JJF

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

JJF 1261.8-2017

Replacing JJF 1261.8-2014

**Rules of Metrology Testing for Energy Efficiency of Electric
Washing Machines
(English Translation)**

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Introduction

In order to standardize the energy efficiency measurement and testing of electric washing machines that implement energy efficiency label management, JJF 1261.1-2017 The requirements of the Energy Efficiency Measurement and Measurement Rules for Energy Products are formulated.

This specification replaces JJF 1261.8-2014, compared with JJF 1261.8-2014, except for editorial changes, the main to change as follows.

---The name of the specification is changed from "Electric washing machine energy efficiency labeling measurement and testing rules" to "electric washing machine energy" Efficiency measurement detection rules";

--- "5.1 Energy Efficiency Labeling" to increase "energy efficiency information code" and "energy efficiency 'leader' information", etc.

Claim;

--- The original record format and test report format are modified accordingly (Appendix H, Appendix I).

The previous versions of this specification were released as follows.

---JJF 1261.8-2013;

---JJF 1261.8-2014.

Electric washing machine energy efficiency Metrology inspection rules

1 Scope

This specification specifies the energy efficiency labeling measurement requirements for household electric washing machines (hereinafter referred to as "washing machines").

Measurement and testing procedures, measurement and detection methods, measurement results evaluation criteria and test reports.

This specification is applicable to washing machines with a rated washing capacity of more than 1.0kg and less than or equal to 13.0kg.

Mixing washer and single-tub washing machine without dehydration. The washer-dryer only evaluates its washing function.

This specification is applicable to the supervision and inspection of energy efficiency measurement of washing machines. The commissioned inspection can be carried out with reference to this specification. Production and Units that sell washing machines can also be tested with reference to this specification.

The washing machine to be tested shall be the product that the producer has passed the self-test or the goods that the seller imports or sells.

2 reference files

This specification refers to the following documents.

JJF 1261.1-2017 energy efficiency measurement and testing rules for energy products
GB/T 2829-2002 Periodic inspection count sampling procedures and tables (applicable to the inspection of process stability) GB/T 4288-2008 Household and similar electric washing machines GB 12021.4-2013 Electric washing machine energy efficiency water limit value and grade for dated references, only dated versions apply to this specification; undated quotations the latest version (including all amendments) applies to this specification.

3 terms and units of measure the following terms and units of measurement apply to this specification.

3.1 Washing ratio rate of washing ability the ratio of the washing rate of the measured washing machine to the washing rate of the reference washing machine is 1 in size.

3.2 washing machine duty cycle washing cycle Complete the function according to the functions of the tested washing machine (such as washing, rinsing, dehydrating, water ingress, drainage, etc.) the whole process of common (standard) laundry procedures.

3.3 Washing machine work cycle power consumption electric energy consumption the average electric energy consumed by the washing machine under the working condition to complete the rated capacity and the half-load capacity the amount includes the electric energy consumed for heating the washing water, and the unit of measurement is kW·h.

3.4 washing machine duty cycle water consumption the average water consumed by the washing machine under the working condition, the rated capacity and the half-load capacity Quantity, the unit of measurement is L.

3.5 rated capacity the maximum mass of the standard laundry in the dry state can be processed at one time, and the unit of measurement is kg.