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

GB/T 23118-2024

Replacing GB/T 23118-2008

Household and similar tumble dryers and washer-dryers

家用和类似用途滚筒式干衣机和洗干一体机

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting. This document replaces GB/T 23118-2008 "Technical requirements for drum washing and drying machines for household and similar purposes" and is compatible with GB/T 23118- Compared with.2008, in addition to structural adjustments and editorial changes, the main technical changes are as follows:

- a) The scope of application has been changed (see Chapter 1, Chapter 1 of the.2008 edition);
- b) Deleted the words "tumble dryer", "direct exhaust tumble dryer", "condensing tumble dryer", "automatic tumble dryer", "non-automatic tumble dryer", The terms and definitions of "drum dryer", "base load", "complete operating cycle" and "washing cycle" (see 3.7 of the.2008 edition, 3.9, 3.10); change "drum-type washing and drying machine" to "drum-type washing and drying machine", and change "drying cycle" to "drying cycle". "Period" and changed the corresponding definitions (see 3.1, 3.6, 3.1, 3.11 of the.2008 edition); added "pulsator-type washer-dryer" and "heat Pump dryer" "Rated drying capacity" "Standard drying program" "Washing and drying cycle" "Off mode" "Standby mode" "Puff ratio" "Pleats The term and definition of "wrinkle grade difference" (see 3.2~3.5, 3.7~3.11);
- c) The classification has been changed (see 4.1,

4.1 of the.2008 edition);

d) Changed the requirements for "drying performance", "washing and drying performance", "allowable deviation of indicated value" and "grading" (see 5.4, 5.5, 5.9, 5.11, 2008 edition 5.3~5.9);

e) Added "General requirements", "Trial run", "Washing program related performance", "Program time", "Water content", "Power off/standby power", "Fluffy Performance", "wrinkle removal performance", "materials and appearance" technical requirements (see 5.1~5.3, 5.4.3, 5.4.7, 5.5.4, 5.5.6, 5.6~5.8, 5.10);

f) The requirements for "Test preparation" have been changed (see 6.1, 6.2 of the.2008 edition);

g) The test methods for "power consumption", "water consumption", "condensation efficiency", "drying uniformity", "noise" and "water content" have been changed (see 6.3.2, 6.3.3, 6.4, 6.4.1,

6.4.2 of the.2008 edition);

1 Scope

GB/T 23118-2024 is the Chinese performance standard for household tumble dryers and washer-dryers. Dryers were a marginal appliance in China until recently and are now one of the fastest growing categories, which is why the standard has been rewritten. It covers both the vented and condenser types and the heat pump dryers that have taken most of the growth, and it sets the requirements and the test methods for the things a buyer compares: the drying performance and the final moisture content achieved on the standard load, the energy consumption per cycle and the efficiency class it corresponds to, the cycle time, the water consumption of a condenser or washer-dryer, the condensation efficiency, the noise, the fabric care performance and the temperature the load reaches, the requirements on the programmes and on the controls, and the durability. It also sets the marking and the declared values and the tolerances against which a declaration is checked. The 2024 edition replaces GB/T 23118-2008. For an appliance maker or an importer selling into China, this is the performance text.

This document gives the product classification of tumble dryers and washer-dryers for household and similar purposes and specifies the Drying performance of all-in-one dryers, washing program-related performance and washing and drying performance of all-in-one washer-dryers, shutdown/standby power, fluffing performance, and wrinkle removal It describes the requirements for energy, classification, inspection rules, marking, packaging, transportation and storage, and describes the corresponding test methods. This document applies to tumble dryers and washing machines with a rated drying capacity greater than 1 kg, used by non-professionals in households and similar places. Production, grading,

inspection and sales of dry all-in-one machines, etc. This document does not apply to electric warm air dryers specified in QB/T 4504 and clothing care machines specified in QB/T 5661.

2 Normative references

The contents of the following documents constitute essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 1019 General rules for packaging of household and similar electrical appliances

GB/T 2828.1 Sampling procedures for inspection by attributes Part

3 Terms and definitions

The terms and definitions defined in GB/T 4288, GB/T 20292-2019, GB/T 38610-2020 and the following apply to this document.

3.1 Tumble washer-dryer A drum washing machine with a dehydration function that dries clothes by heating and turning over the fabrics.

20 Particular requirements for tumble dryers

GB/T 4706.24 Safety of household and similar electrical appliances Part

24.Particular requirements for washing machines

GB/T 5296.2 Instructions for use of consumer products Part