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GB 4706.20-2004 / IEC 60335-2-11:2002

Replacing GB 4706.20-2000

Household and Similar Electrical Appliances
– Safety - Particular Requirements for Tumble Dryers
(IEC 60335-2-11:2002, IDT)

家用和类似用途电器的安全 滚筒式干衣机的特殊要求

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Table of Contents

Foreword.....	4
IEC Foreword.....	6
1 Scope.....	9
2 Normative References	10
3 Definitions	10
4 General Requirement.....	11
5 General Conditions for the Tests.....	11
6 Classification.....	11
7 Marking and Instructions.....	11
8 Protection against Access to Live Parts	13
9 Starting of Motor-Operated Appliances	13
10 Power Input and Current.....	13
11 Heating.....	13
12 Void.....	14
13 Leakage Current and Electric Strength at Operating Temperature	15
14 Transient Over-Voltages	15
15 Moisture Resistance	15
16 Leakage Current and Electric Strength	16
17 Overload Protection of Transformers and Associated Circuits	16
18 Endurance	16
19 Abnormal Operation.....	16
20 Stability and Mechanical Hazards.....	17

21 Mechanical Strength	18
22 Construction.....	19
23 Internal Wiring.....	19
24 Components	20
25 Supply Connection and External Flexible Cords	20
26 Terminals for External Conductors	20
27 Provision for Earthing.....	20
28 Screws and Connections	20
29 Clearances, Creepage Distances and Solid Insulation	20
30 Resistance to Heat and Fire	21
31 Resistance to Rusting	21
32 Radiation, Toxicity and Similar Hazards	21
Annexes	22
Bibliography	23

Foreword

All the technical contents of this Part of GB 4706 are mandatory.

This Part revised GB 4706.20-2000 *Safety of Household and Similar Electrical Appliances - Particular Requirements for Tumbler Dryers*.

This Part equivalently adopted IEC 60335-2-11:2002 *Household and Similar Electrical Appliances - Safety – Part 2: Particular Requirements for Tumble Dryers*. This Part is used in conjunction with GB 4706.1-2005 (equivalently adopts IEC 60335-1:2001, Amendment 1, namely, Edition 4.1). If the version difference may cause problems in the use of this Part, the corresponding version of the IEC original text standard shall be referred to.

The “applicable” part of this Part indicates that the corresponding clauses in GB 4706.1 is applicable to this Part. The part that says “replacement” or “modification” in this Part shall be subject to this Part. The part that says “addition” means that in addition to complying with the corresponding clauses of GB 4706.1, it shall also comply with the clauses added in this Part.

This Part replaced GB 4706.20-2000. The major differences between this Part and GB 4706.20-2000 are as follows:

1. Change Clause 2 “Definition” into Clause 2 “Normative References”; change Clause 3 “General Requirements” into Clause 3 “Definition”; change Clause 4 “General Conditions of Tests” into Clause 4 “General Requirements”; change Clause 5 “Void” into Clause 5 “General Conditions of Tests”.
2. In Clause 3, add the definition of tumble dryer; and the definition of exhaust type tumble dryer is limited to condensing tumble dryer.
3. In Clause 7, add the content of 7.6; and add the requirement for the description of 7.6 symbols in 7.12; add the requirements of “it is not allowed to emit gas to the flue of the burning gas or appliances of other materials” in 7.12.1; add the content of 7.102.
4. Add Clause 14 “Transient Overvoltage”.
5. In Clause 19, add the requirements of “it is a more unfavourable working condition for the appliance connected to the water source, if it works without water. The test is carried out with the water inlet valve closed. This Water inlet valve shall not be closed after the appliance starts to operate” in 19.1. Add the requirements of “for the condensing tumble dryer, repeat the test; but 75% of the condenser air outlet are shall be blocked, then carry out the blocking test of all air outlet” in 19.4. Change the content of 19.102 into “The Test C in IEC 61032 refers to the

Household and Similar Electrical Appliances

– Safety - Particular Requirements for Tumble Dryers

1 Scope

This clause of GB 4706.1 is replaced by the following.

This International Standard deals with the safety of electric tumble dryers intended for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

NOTE 101: This Part applies to the drying function of washing machines having a drying cycle.

Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms are within the scope of this Part.

NOTE 102: Examples of such appliances are tumble dryers for communal use in blocks of flats or in laundrettes.

As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home.

However, in general, it does not take into account

- the use of appliances by young children or infirm persons without supervision;
- playing with the appliance by young children.

NOTE 103: Attention is drawn to the fact that

- for appliances intended to be used in vehicles or on-board ships or aircraft, additional requirements may be necessary;
- in many countries additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour, the national water supply authorities and similar authorities.

NOTE 104: This standard does not apply to

- appliances intended exclusively for industrial purposes;
- appliances intended to be used in locations where special conditions prevail, such as the

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