



**SLOVENSKI STANDARD**  
**kSIST FprEN 1458-2:2011**  
**01-junij-2011**

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**Gospodinjski bobnasti sušilniki s plinskim ogrevanjem tipov B22D in B23D z imensko močjo do vključno 6 kW - 2. del: Smotrna raba energije**

Domestic direct gas-fired tumble dryers of types B22D and B23D, of nominal heat input not exceeding 6 kW - Part 2: Rational use of energy

Direkt gasbeheizte Haushalts-Trommeltrockner der Typen B22D und B23D mit Nennwärmebelastungen nicht über 6 kW - Teil 2: Rationelle Energieverwendung

Sèche-linge domestiques à tambour rotatif à chauffage direct utilisant les combustibles gazeux, de type B22D et B23D, de débit calorifique nominal ne dépassant pas 6 kW - Partie 2: Utilisation rationnelle de l'énergie

**Ta slovenski standard je istoveten z: FprEN 1458-2**

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**ICS:**

97.060      Aparati za nego perila      Laundry appliances

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
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**FINAL DRAFT**  
**FprEN 1458-2**

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ICS 97.060

Will supersede EN 1458-2:1999

English Version

**Domestic direct gas-fired tumble dryers of types B22D and  
B23D, of nominal heat input not exceeding 6 kW - Part 2:  
Rational use of energy**

Sèche-linge domestiques à tambour rotatif à chauffage  
direct utilisant les combustibles gazeux, de type B22D et  
B23D, de débit calorifique nominal ne dépassant pas 6 kW  
- Partie 2: Utilisation rationnelle de l'énergie

Direkt gasbeheizte Haushalts-Trommeltrockner der Typen  
B22D und B23D mit Nennwärmebelastungen nicht über 6  
kW - Teil 2: Rationelle Energieverwendung

This draft European Standard is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 299.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

This draft European Standard was established by CEN in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
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## Foreword

This document (FprEN 1458-2:2011) has been prepared by Technical Committee CEN/TC 299 “Gas-fired sorption appliances, indirect fired sorption appliances, gas-fired endothermic engine heat pumps and domestic gas-fired washing and drying appliances”, the secretariat of which is held by UNI.

This document is currently submitted to the Unique Acceptance Procedure.

This document will supersede EN 1458-2:1999.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

The main purpose of this edition is to align the method of test more closely with that given in the equivalent electrical appliance standard, EN 61121.

The Directive makes no specification in respect of the maximum rating of appliances falling within its scope. However, the scope of this standard has been limited to appliances having heat inputs not greater than 6 kW.

The test gases, test pressures and appliance categories given in this European Standard are in accordance with those specified in EN 437:2003.

For Gas-fired type B tumble dryers of nominal heat input not exceeding 20 kW, see EN 12752-1 and EN 12752-2.

The first part of the standard specifies the requirements and test methods for the construction, safety, marking and testing of the appliances. The second part of the standard specifies the requirements for rational use of energy and a method of measuring the gas and electrical energy consumptions which enables comparison of gas and electrical Tumble dryers.

This standard covers type testing only.

**FprEN 1458-2:2011 (E)****1 Scope**

This European Standard specifies the requirements and test methods for rational use of energy, including measurement of both gas and electrical energy consumption, of domestic direct gas-fired tumble dryers, of types B<sub>22D</sub> and B<sub>23D</sub>, of nominal heat input not exceeding 6 kW, hereafter referred to as "appliances".

This European Standard does not apply to:

- a) catalytic combustion appliances;
- b) appliances designed exclusively for industrial purposes;
- c) appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere;
- d) appliances of the condensing type wherein the heated air and products of combustion used for the drying process are dehumidified by cooling with water or air;
- e) appliances intended to be used in vehicles or on board ships or aircraft.

This European Standard covers type testing only.

**2 Normative references**

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1458-1:2011, *Domestic direct gas-fired tumble dryers, of types B22D and B23D, of nominal heat input not exceeding 6 kW — Part 1: Safety*

EN 61121, *Tumble dryers for household use — Methods for measuring the performance (IEC 61121:2002 + Corrigenda 2003, modified)*

**3 Terms and definitions**

For the purposes of this document, the terms and definitions given in EN 1458-1:2011 apply.

**4 Energy consumption****4.1 Requirements**

The gas and electrical energy consumptions of the appliance shall be determined in kW/h in accordance with the method of test given in 4.2.

The gas energy consumption of the appliance shall be recorded separately from the electrical energy consumption.

The appliance shall have a gas energy consumption (based on gross calorific value) not exceeding 1,11 kWh/kg of standard load.