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MÕÕTEMEETODID**

**Electric clothes washer-dryers for household use -  
Methods of measuring the performance**

**EESTI STANDARDI EESSÕNA****NATIONAL FOREWORD**

See Eesti standard EVS-EN 50229:2015 sisaldab Euroopa standardi EN 50229:2015 ingliskeelset teksti.	This Estonian standard EVS-EN 50229:2015 consists of the English text of the European standard EN 50229:2015.
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Supersedes EN 50229:2007

English Version

## Electric clothes washer-dryers for household use - Methods of measuring the performance

Lavantes-séchantes électriques à usage domestique -  
Méthodes de mesure de l'aptitude à la fonction

Elektrische Wasch-Trockner für den Hausgebrauch -  
Prüfverfahren zur Bestimmung der  
Gebrauchseigenschaften

This European Standard was approved by CENELEC on 2015-06-30. CENELEC 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.

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Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

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## European foreword

This document (EN 50229:2015) has been prepared by CLC/TC 59X "Performance of household and similar electrical appliances".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2016-06-30
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2018-06-30

This document supersedes EN 50229:2007.

The major technical modifications compared to EN 50229:2007 are:

- a) The structure has been revised to assure a better readability.
- b) All references concerning EN 60456:2011 and EN 61121:2013 have been updated.
- c) Precise instruction to determine the load capacity for drying.
- d) Precise instruction of composition of partial loads – Splitting the base load.
- e) Revision of 'Test report – data to be reported' tables.

Introduction of method for additional drying. Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association.

## 1 Scope

This European Standard specifies the test methods that has to be applied in accordance with the Commission Directive 96/60/EC of 19 September 1996 implementing Council Directive 92/75/EEC with regard to energy labelling of household combined washer-driers.

It deals with

- performance criteria for the **complete operation cycle** of a 60 °C cotton wash programme as specified in EN 60456:2011 and a **drying cycle** based on the “Dry cotton programme” as specified in EN 61121:2013,
- tolerances for the verification procedure.

This European Standard is concerned neither with safety nor with performance requirements.

NOTE **Washer-dryers** for communal use in blocks of flats or in launderettes are within the scope of this standard, but machines for commercial laundries are not included.

## 2 Normative references

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

EN 60335-2-7		<i>Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines (IEC 60335-2-7)</i>
EN 60335-2-11	2010	<i>Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers (IEC 60335-2-11:2008)</i>
EN 60456	2011	<i>Clothes washing machines for household use – Methods for measuring the performance (IEC 60456:2010)</i>
EN 60704-3		<i>Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 3: Procedure for determining and verifying declared noise emission values (IEC 60704-3)</i>
EN 60734		<i>Household electrical appliances - Performance - Water for testing (IEC 60734)</i>
EN 61121	2013	<i>Tumble dryers for household use – Methods for measuring the performance (IEC 61121:2012, modified)</i>
EN ISO 80000-1	2013	<i>Quantities and units - Part 1: General (ISO 80000-1:2009 + Cor 1:2011)</i>