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BSI Standards Publication

Clothes washing machines and washer-dryers for household and similar use — Method for the determination of temperature inside the laundry load

bsi.

National foreword

This Published Document is the UK implementation of CLC/TS 50707:2020.

The UK participation in its preparation was entrusted to Technical Committee CPL/59, Performance of household electrical appliances.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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English Version

Clothes washing machines and washer-dryers for household and similar use - Method for the determination of temperature inside the laundry load

To be completed

Waschmaschinen und Waschtrockner für den Hausgebrauch und ähnlichen Gebrauch - Methode zur Bestimmung der Temperatur in der Wäschebeladung

This Technical Specification was approved by CENELEC on 2020-04-13.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
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European foreword

This document (CLC/TS 50707:2020) has been prepared by CLC/TC 59X, "Performance of household and similar electrical appliances".

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC 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.

Introduction

This document has been prepared by CLC/TC 59X, "Performance of household and similar electrical appliances".

1 Scope

This document provides a measurement and evaluation method for the determination of the representative maximum temperature reached inside the base load during the washing cycle of a washing machine or washer-dryer.

The mean maximum temperature within the base load is measured with three temperature sensors, which are attached to towels and/or pillowcases placed in different, representative locations inside the drum.

This document does not provide a method for measuring a temperature for the evaluation of hygiene performance.

2 Normative References

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 60456:2016/A11:—[1], *Clothes washing machines for household use — Methods for measuring the performance*

EN IEC 62512:—[2], *Electric clothes washer-dryers for household use — Methods for measuring the performance*

3 Terms, definitions and symbols

3.1 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at http://www.electropedia.org/

3.2 Symbols

i	test run
k	data logger number
m	total number of data loggers
$\vartheta_{\max,z}$	total average maximum temperature for each treatment z (z = *full*, ½, ¼)
$\vartheta_{\max,z,i}$	average maximum temperature for the test run i with treatment z (z = *full*, ½, ¼)
$\vartheta_{\max,z,i,k}$	maximum temperature for the data logger k (k = 1, 2, 3) for test run i (i = 1, 2, 3, 4) for the treatment z (z = *full*, ½, ¼)

[1] Under preparation. Stage at the time of publication: EN 60456:2016/prAA:2019.
[2] Under preparation. Stage at the time of publication: prEN IEC 62512:2019.