

<b>STN</b>	<b>Skúšanie vplyvu prostredia Časť 2-30: Skúšky Skúška Db: Vlhké teplo, cyklické (cyklus 12 h + 12 h)</b>	<b>STN EN IEC 60068-2-30</b>  34 5791
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Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/25

Obsahuje: EN IEC 60068-2-30:2025, IEC 60068-2-30:2025

Oznámením tejto normy sa od 31.10.2028 ruší  
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EUROPEAN STANDARD

**EN IEC 60068-2-30**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 60068-2-30:2005

English Version

**Environmental testing - Part 2-30: Tests - Test Db: Damp heat,  
cyclic (12 h + 12 h cycle)  
(IEC 60068-2-30:2025)**

Essais d'environnement - Partie 2-30: Essais - Essai Db:  
Essai cyclique chaleur de humide (cycle de 12 h + 12 h)  
(IEC 60068-2-30:2025)

Umgebungseinflüsse - Teil 2-30: Prüfverfahren - Prüfung  
Db: Feuchte Wärme, zyklisch (12 + 12 Stunden)  
(IEC 60068-2-30:2025)

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN IEC 60068-2-30:2025 (E)****European foreword**

The text of document 104/1111/FDIS, future edition 4 of IEC 60068-2-30, prepared by TC 104 "Environmental conditions, classification and methods of test" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60068-2-30:2025.

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In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60068-2-38	NOTE	Approved as EN IEC 60068-2-38
IEC 60068-3-4	NOTE	Approved as EN IEC 60068-3-4
IEC 60068-3-6	NOTE	Approved as EN IEC 60068-3-6
IEC 60068-3-7	NOTE	Approved as EN IEC 60068-3-7

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

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NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cencenelec.eu](http://www.cencenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-1	-	Environmental testing - Part 1: General and guidance	EN 60068-1	-
IEC 60068-2-67	-	Environmental testing - Part 2-67: Tests - Test Cy: Damp heat, steady state, accelerated test primarily intended for components	EN 60068-2-67	-



IEC 60068-2-30

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# INTERNATIONAL STANDARD

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**Environmental testing -  
Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)**



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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**Environmental testing -  
Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)**

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IEC 60068-2-30 has been prepared by IEC technical committee 104: Environmental conditions, classification and methods of test. It is an International Standard.

This fourth edition cancels and replaces the third edition published in 2005. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) revision of the requirements for the test chamber;
- b) change of the temperature tolerances of the test to limits;
- c) updating of the figures for clarification purposes;
- d) revision of the limits of the temperature and relative humidity during conditioning;
- e) revision of the intermediate measurements;
- f) revision of standardized requirements for the test report.

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The text of this International Standard is based on the following documents:

Draft	Report on voting
104/1111/FDIS	104/1125/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

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- reconfirmed,
- withdrawn, or
- revised.

## IEC 60068-2-30:2025 © IEC 2025

## 1 Scope

This part of IEC 60068 specifies a test procedure to determine the suitability of components, equipment, or other articles for use, transportation, and storage under conditions of high humidity combined with cyclic temperature changes and, in general, producing condensation on the surface of the specimen. This test method can also be used to validate the packaging of specimen for transportation and storage.

This document does only in exceptional cases apply to specimens that are energized throughout the test.

## 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.

IEC 60068-1, *Environmental testing - Part 1: General and guidance*

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