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Date: 10 February 2023

Origin: International

Latest date for receipt of comments: 15 March 2023

Project No. 2021/02163

Responsible committee: CPL/61/7 Safety of electrical appliances - Heated appliance group

Interested committees:

Title: Draft BS EN 60335-2-60 Ed.5.0 Household and similar electrical appliances - Safety. Part 2-60: Particular requirements for whirlpool baths and whirlpool spas.

Please notify the secretary if you are aware of any keywords that might assist in classifying or identifying the standard or if the content of this standard

- i) has any issues related to 3rd party IPR, patent or copyright
- ii) affects other national standard(s)
- iii) requires additional national guidance or information

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This draft is issued to allow comments from interested parties; all comments will be given consideration prior to publication. No acknowledgement will normally be sent. **See overleaf for information on the submission of comments.**

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Information on the co-operating organizations represented on the committees referenced above may be obtained from <https://standardsdevelopment.bsigroup.com/>.

Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

- **Annotated drafts are not acceptable and will be rejected.**
- All comments should be submitted online at <https://standardsdevelopment.bsigroup.com/>. You will need to register in order to comment.

Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/ Figure/Table/Note	Type of comment	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



61/6779/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER:
IEC 60335-2-60 ED5

DATE OF CIRCULATION:
2023-01-20

CLOSING DATE FOR VOTING:
2023-04-14

SUPERSEDES DOCUMENTS:
61/6352/RR

IEC TC 61 : SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES	
SECRETARIAT: United States of America	SECRETARY: Ms Randi Myers
OF INTEREST TO THE FOLLOWING COMMITTEES:	PROPOSED HORIZONTAL STANDARD: ☐ Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary.
FUNCTIONS CONCERNED: ☐ EMC ☐ ENVIRONMENT ☐ QUALITY ASSURANCE ☒ SAFETY	
☐ SUBMITTED FOR CENELEC PARALLEL VOTING	☒ NOT SUBMITTED FOR CENELEC PARALLEL VOTING

This document is still under study and subject to change. It should not be used for reference purposes.

Recipients of this document are invited to submit, with their comments, notification of

- any relevant patent rights of which they are aware and to provide supporting documentation,
- any relevant "in some countries" clauses to be included should this proposal proceed. Recipients are reminded that the enquiry stage is the final stage for submitting "in some countries" clauses. See AC/22/2007.

TITLE:

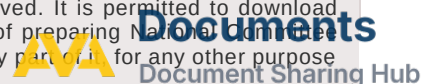
Household and similar electrical appliances - Safety - Part 2-60: Particular requirements for whirlpool baths and whirlpool spas

PROPOSED STABILITY DATE: 2026

NOTE FROM TC/SC OFFICERS:

This document is circulated according to the decisions taken at the TC 61 meetings in Busan – see 61/5737/RM and 2020/Web – see 61/6183/RM

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History refer to:

61/5702/DC and 61/5717A/INF in 61/5737/RM, item 26

61/6073/DC and 61/6112/INF in 61/6183/RM, item 27b

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Figure 101 – Installation zone dimensions for transportable whirlpool spas

Figure 102 – Probe for measuring surface temperatures

Table 101 – Maximum temperature rises for specified external accessible surfaces
under normal operating conditions

Note of the Secretary: In order to facilitate review and due to the number of DCs for this Part 2 standard, this CDV was drafted using a colour code to identify the source of the revisions as shown below:

Black means: IEC 60335-2-60 ED4.0 2017

Yellow means: 61/5702/DC + 61/5717A/INF

Red text means: 61/6073/DC + 61/6112A/INF

Green text means: 61/6502/DC + 61/6593A/INF

Turquoise means: guidance document for updating Part 2 standards and EG1 updates

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES –
SAFETY –****Part 2-60: Particular requirements for whirlpool baths
and whirlpool spas**

FOREWORD

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1 IEC 60335-2-60 has been prepared by IEC technical committee 61: Safety of household and
2 similar electrical appliances. It is an International Standard.

3 This fifth edition cancels and replaces the fourth edition published in 2017. This edition
4 constitutes a technical revision.

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

7 – alignment with IEC 60335-1: 2020;

8 – conversion of some notes to normative text (1, 7.12.1);

9 – addition of hyperthermia instructions and installation instructions related to the wiring rules (7.12,
10 7.12.1);

- modifications related to IEC 60364-7-702 and transportable whirlpool spas (Clause 1, 5.101, 6.1, 6.2, 7.12.1, 7.15, 13.1, 13.2, 16.1, 16.2, 22.33, 22.107, 25.1);
- introduction of surface temperature limits (Clause 11);
- addition of water temperature limit at the suction/return openings (11.8, 11.101);
- modification to the tests of 19.2 and 19.3 specifying the types of devices that are rendered inoperative.
- addition of requirement for thermal cut-outs to be trip free (24.101).

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

FDIS	Report on voting
61/5552/FDIS	61/5588/RVD

Full information on the voting for the approval of this International Standard 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 has been drafted in accordance with the 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. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

A list of all parts of the IEC 60335 series, under the general title, *Household and similar electrical appliances – Safety*, can be found on the IEC website.

This part 2 is to be used in conjunction with the latest edition of IEC 60335-1 and its amendments unless that edition precludes it; in that case, the latest edition that does not preclude it is used. It was established on the basis of the sixth edition (2020) of that standard.

NOTE 1 When “Part 1” is mentioned in this standard, it refers to IEC 60335-1.

This part 2 supplements or modifies the corresponding clauses in IEC 60335-1, so as to convert that publication into the IEC standard: Safety requirements for whirlpool baths and whirlpool spas.

When a particular subclause of Part 1 is not mentioned in this part 2, that subclause applies as far as is reasonable. When this standard states “addition”, “modification” or “replacement”, the relevant text in Part 1 is to be adapted accordingly.

NOTE 2 The following numbering system is used:

- subclauses, tables and figures that are numbered starting from 101 are additional to those in Part 1;
- unless notes are in a new subclause or involve notes in Part 1, they are numbered starting from 101, including those in a replaced clause or subclause;
- additional annexes are lettered AA, BB, etc.

NOTE 3 The following print types are used:

- requirements: in roman type;
- test specifications: in italic type;
- notes: in small roman type.

Words in **bold** in the text are defined in Clause 3. When a definition concerns an adjective, the adjective and the associated noun are also in bold.

The committee has decided that the contents of the base publication and its amendments will remain unchanged until the maintenance result date indicated on the IEC web site (www.iec.ch).