

PRE-RELEASE VERSION (FDIS)



**Household electric direct-acting room heaters – Methods for measuring performance –
Part 2: Additional provisions for the measurement of the radiant factor**

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

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59C/256/FDIS

FINAL DRAFT INTERNATIONAL STANDARD (FDIS)

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SECRETARIAT:

Germany

SECRETARY:

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OF INTEREST TO THE FOLLOWING COMMITTEES:

HORIZONTAL STANDARD:

FUNCTIONS CONCERNED:

EMC

ENVIRONMENT

QUALITY ASSURANCE

SAFETY

SUBMITTED FOR CENELEC PARALLEL VOTING

NOT SUBMITTED FOR CENELEC PARALLEL VOTING

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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.

TITLE:

Household electric direct-acting room heaters - Methods for measuring performance - Part 2: Additional provisions for the measurement of the radiant factor

PROPOSED STABILITY DATE: 2022

NOTE FROM TC/SC OFFICERS:

The French Version is just edited but not altered according to the final WG02 results of rev.03

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

HOUSEHOLD ELECTRIC DIRECT-ACTING ROOM HEATERS – METHODS FOR MEASURING PERFORMANCE –

Part 2: Additional provisions for the measurement of the radiant factor

FOREWORD

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International Standard IEC 60675-2 has been prepared by subcommittee 59C: Heating appliances, of IEC technical committee 59: Performance of household and similar electrical appliances.

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

FDIS	Report on voting
59C/XX/FDIS	59C/XX/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.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

This International Standard is to be used in conjunction with IEC 60675:1994, IEC 60675:1994/AMD1:1998 and IEC 60675:1994/AMD2:2018. This document supplements or modifies the corresponding clauses of IEC 60675:1994. Where the text indicates an "addition" to or a "replacement" of the relevant provision of IEC 60675:1994, these changes are made to the relevant text of IEC 60675:1994. Where no change is necessary, the words "This clause of IEC 60675:1994 is applicable" are used. When a particular subclause of IEC 60675:1994 is not mentioned in this part, that subclause applies as far as is reasonable.

Additional specific provisions to those in Part 1, given as individual clauses or subclauses, are numbered starting from 101.

NOTE 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.

In this document, the following print types are used:

- **terms listed in Clause 3 of this document and of IEC 60675:1994 and IEC 60675-3:2020:**
Arial bold;
- *test specifications: in italic type.*

A list of all parts in the IEC 60675 series, published under the general title *Household electric direct-acting room heaters – Methods for measuring performance*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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HOUSEHOLD ELECTRIC DIRECT-ACTING ROOM HEATERS – METHODS FOR MEASURING PERFORMANCE –

Part 2: Additional provisions for the measurement of the radiant factor

1 Scope

This clause of IEC 60675:1994 is applicable, with the following modification:

Replace the first paragraph with the following content:

This document applies to electric **direct-acting room heaters** .

This document defines performance characteristics related to the radiant effect and specifies methods for measuring the **radiant factor** for the information of users.

This document is used to measure the **radiant factor** of **direct-acting room heaters**.

2 Normative references

Replace Clause 2 of IEC 60675:1994 with the following content:

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 60675:1994, *Household electric direct-acting room heaters – Methods for measuring performance*

IEC 60675:1994/AMD1:1998

IEC 60675:1994/AMD2:2018

IEC 60675-3:2020, *Household electric direct-acting room heaters – Methods for measuring performance – Part 3: Additional provisions for the measurement of radiation efficiency*