

Australian/New Zealand Standard

Household and similar electrical appliances – Safety –

**Part 2.30: Particular requirements for
room heaters**

Includes IEC 60335-2-30 Ed 5.1

AS/NZS 60335.2.30:2015

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL 002 - Safety of household and similar electrical appliances and small power transformers. It was approved on behalf of the Council of Standards Australia on 27 April 2015 and by the Council of Standards New Zealand on 18 June 2015. It was published on 30 June 2015.

The following interests are represented on Committee EL/2

A3 | Association of Accredited Certification Bodies

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Business New Zealand

Consumer Electronic Suppliers Association, Australia

Consumers' Federation of Australia

Electrical Regulatory Authorities, Australia

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This standard was issued in draft form for comment as DR 14910

AS/NZS 60335.2.30:2015
(Incorporating Amendments 1, 2 and 3)
(IEC 60335-2-30 Ed 5.1, MOD)

Australian/New Zealand Standard™

Household and similar electrical
appliances – Safety –

Part 2.30: Particular requirements for
room heaters

(IEC 60335-2-30 Ed 5.1, MOD)

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AS/NZS 60335.2.30:2015

HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES –
SAFETY –

Part 2.30: Particular requirements for room heaters

Foreword

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-002- Safety of Household and Similar Electrical Appliances and Small Power Transformers to supersede AS/NZS 60335.2.30:2009 three years from the date of publication.

A2

The objective of this Standard is to provide manufacturers, designers, regulatory authorities, testing laboratories and similar organizations with safety requirements designed to give the user protection against hazards that might occur during normal operation and abnormal operation of the appliance and which may be used as the basis for approval for sale or for connection to the electricity supply mains in Australia and New Zealand

A1
A2

The text of IEC 60335-2-30 Ed 5, prepared by IEC Technical Committee TC 61, was submitted to the Standards Australia/Standards New Zealand Combined Procedure (dual public comment and committee vote) for adoption of the IEC standard as a Standards Australia/Standards New Zealand joint standard.

The principal changes in this edition as compared with the 2009 edition of AS/NZS 60335.2.30 and its amendments are as follows (minor changes are not listed).

- some additional instructions are introduced for heaters without a built-in thermostat, or those installed in the floor or in a bathroom (7.12 and 7.12.1);
- a spillage test is introduced for appliances having a grille and that are built into the floor (15.2).

This Standard incorporates Amendment No. 1 (November 2015). The changes required by the amendments are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected. Where an application date other than immediate is applicable to an amendment the date of application (DOA) and the date of withdrawal (DOW) if relevant, is indicated by the marginal bar against the part affected.

A2
DOW
30/11/19

Unless otherwise indicated, the application date of AS/NZS 60335.2.30:2015 is 30 June 2018 and the application date of the changes introduced by Amendment No. 1 is 30 November 2016. Up until these dates it is anticipated that regulatory authorities will approve room heaters as follows:

- Up until 30 November 2016: AS/NZS 60335.2.30:2009 and its amendments or AS/NZS 60335.2.30:2015, or AS/NZS 60335.2.30:2015 + A1:2015;
- After 30 November 2016 and up until 30 June 2018: AS/NZS 60335.2.30:2009 and its amendments or AS/NZS 60335.2.30:2015 + A1:2015;
- After 30 June 2018: AS/NZS 60335.2.30:2015 + A1:2015.

A2
DOA
30/11/19

The text of IEC 60335-2-30 Ed 5 amendment 1, prepared by IEC Technical Committee TC 61, was submitted to the Standards Australia/Standards New Zealand Combined Procedure (dual public comment and committee vote) for adoption as an amendment to the Standards Australia/Standards New Zealand joint standard AS/NZS 60335.2.30:2015.

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A2
DOA
30/11/19
and
A3
DOA in
NZ only
29/11/19

This Standard incorporates Amendment No. 1 (November 2015) and Amendment No. 2 (November 2017) and Amendment No. 3 in New Zealand only (November 2019). The changes required by the amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected. Where an application date other than immediate is applicable to an amendment the date of application (DOA) and the date of withdrawal (DOW) if relevant, is indicated by the marginal bar against the part affected. Unless otherwise indicated, the application dates of the changes introduced by Amendment No. 2 is (30 November 2019).

This standard is an adoption with national modifications of the fifth edition of IEC 60335-2-30, *Household and similar electrical appliances – Safety – Part 2-30: Particular requirements for room heaters* including its amendment 1 (2016). It has been varied as indicated to take account of Australian and New Zealand conditions.

A2
DOW
30/11/19

This Standard is an adoption with national modifications of the fifth edition of IEC 60335-2-30, *Household and similar electrical appliances – Safety – Part 2-30: Particular requirements for room heaters*. It has been varied as indicated to take account of Australian and New Zealand conditions.

This part 2 has to be used in conjunction with the latest edition of AS/NZS 60335.1 Household and similar electrical appliances – Safety – Part 1: General requirements and its Amendments. It was established on the basis of AS/NZS 60335.1:2011.

This part 2 supplements or modifies the corresponding clauses of AS/NZS 60335.1 so as to convert it into the Australian/New Zealand Standard: Safety requirements for appliances for room heaters.

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 of Part 1 is to be adapted accordingly.

NOTE 1 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.;
- subclauses, notes and annexes that are additional to those in the IEC standard are prefixed with the letters AZ.

NOTE 2 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.

p NOTE 3 In this document, p is used in the margin to indicate instructions for preparing a consolidated version.

The essential safety requirements in AS/NZS 3820¹ that could be applicable to requirements for room heaters are covered by this standard.

A2
DOW
30/11/19

The national variations to IEC 60335-2-30 Ed 5 form the Australian and New Zealand national variations for purposes of the IECEE scheme for recognition of results of testing to standards for safety of electrical equipment (the CB scheme).

A2
DOA
30/11/19

The national variations to IEC 60335-2-30 Ed 5.1 form the Australian and New Zealand national variations for purposes of the IECEE scheme for recognition of results of testing to standards for safety of electrical equipment (the CB scheme).

¹ AS/NZS 3820 *Essential safety requirements for electrical equipment*