

Australian/New Zealand Standard™

**Safety of household and similar  
electrical appliances**

**Part 2.30: Particular requirements for  
Room heaters  
(IEC 60335-2-30:1996, MOD)**



#### **AS/NZS 3350.2.30:1997**

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 24 December 1994 and on behalf of the Council of Standards New Zealand on 20 December 1996.

This Standard was published on 5 March 1997.

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The following are represented on Committee EL-002:

Association of Certification Bodies  
Australian Chamber of Commerce and Industry  
Australian Electrical and Electronic Manufacturers Association  
Canterbury Manufacturers Association New Zealand  
Consumer Electronic Suppliers Association, Australia  
Electrical regulatory authorities, Australia  
Electrical test laboratories  
Electrical consultants  
Electricity Supply Association of Australia  
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Metal Trades Industries Association of Australia  
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*This Standard was issued in draft form for comment as DR 96179.*

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## Australian/New Zealand Standard™

### Safety of household and similar electrical appliances

### Part 2.30: Particular requirements for Room heaters (IEC 60335-2-30:1996, MOD)

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-002, Electrical Approvals Standards, to supersede AS/NZS 3103:1993, *Approval and test specification—Electric room heaters*, 2 years from publication. During this period it is anticipated that regulatory authorities will approve appliances to either Standard.

A5 | This Standard incorporates Amendment No. 1 (January 1999), Amendment No. 2 (March 2001), Amendment No. 3 (June 2001), Amendment No. 4 (November 2003) and Amendment No. 5 (November 2005). All parts of Amendment No. 5 take effect two years from date of publication. 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.

The objective of this Standard is to provide manufacturers and regulatory bodies with minimum safety requirements, designed to give 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 supply in Australia and New Zealand.

A2 | This Standard forms the first edition of AS/NZS 3350.2.30, *Safety of household and similar electrical appliances*, Part 2.30: *Particular requirements—Room heaters*.

This Standard is technically equivalent to and reproduced from the third edition of IEC 335-2-30:1996, *Safety of household and similar electrical appliances*, Part 2.30: *Particular requirements for room heaters*, including its Amendment 1, and has been varied to take account of Australian/New Zealand condition. It is to be used in conjunction with the latest edition of AS/NZS 3350.1, *Safety of household and similar electrical appliances*, Part 1: *General requirements* and its Amendments. It was established on the basis of AS/NZS 3350.1:1994.

This Standard (Part 2) supplements or modifies the corresponding clauses in AS/NZS 3350.1 (referred to as Part 1 in this Part 2) so as to convert it into the Joint Australian/New Zealand Standard for the safety of room heaters.

Where a particular clause of Part 1 is not mentioned in this Part 2, that clause applies as far as is reasonable. Where this Standard states 'addition' or 'modification' or 'replacement', the relevant text of Part 1 is to be adapted accordingly.

In this Standard, the following print types are used:

- requirements proper: in arial type;
- *test specifications: in italic type;*
- explanatory matter: in smaller arial type.

Words in **bold** are defined in Clause 2. Where a definition of Part 1 contains an adjective, the adjective and associated noun are **bold** in this Part 2.

Clauses, subclauses, notes, tables and figures which are additional to those in Part 1 are numbered starting from 101. Annexes which are additional to those in Part 1 are lettered AA, BB and so on.

A number of variations have been made in this Standard to the requirements of IEC 335-2-30:1996. These variations are necessary to take into account specific national circumstances such as climate and supply characteristics that affect the safety of electrical appliances used in both Australia and New Zealand. These variations are indicated throughout this Standard by a marginal bar located adjacent to the varied text or figure. Descriptions of these variations are to be found in Annex ZZ of this Standard.

These variations also form the Australian and New Zealand national variations for purposes of the IECCE scheme for recognition of testing to Standards for safety of electrical equipment (the CB Scheme).