

Australian/New Zealand Standard™

**Performance of close control  
airconditioners**

**Part 2: Minimum energy performance  
standard (MEPS) requirements**



## **AS/NZS 4965.2:2008**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-015, Quality and Performance of Household Electrical Appliances. It was approved on behalf of the Council of Standards Australia on 15 September 2008 and on behalf of the Council of Standards New Zealand on 24 September 2008.

This Standard was published on 14 November 2008.

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The following are represented on Committee EL-015:

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Australian Electrical and Electronic Manufacturers Association  
Australian Industry Group  
Australian Retailers Association  
Business New Zealand  
Consumer Electronic Suppliers Association  
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Additional Interests:

Air Conditioning and Refrigeration Equipment Manufacturers Association  
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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-015, Quality and Performance of Household Electrical Appliances.

The overall objective of the AS/NZS 4965 series of Standards is to promote high levels of performance and energy efficiency in close control airconditioners.

The AS/NZS 4965 series of Standards consists of the following:

### AS/NZS

4965 Performance of close control airconditioners

4965.1 Part 1: Testing for rating

4965.2 Part 2: Minimum energy performance standard (MEPS) requirements  
(this Standard)

This Standard is published with the approval of the combined state and territory regulatory authorities and is structured to be suitable for reference in legislation calling up minimum energy performance standards and also for reference in energy labelling regulatory legislation.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

Statements expressed in mandatory terms in notes to figures are deemed to be requirements of this Standard.

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## STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

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**Australian/New Zealand Standard**  
**Performance of close control airconditioners**

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**Part 2: Minimum energy performance standard (MEPS) requirements**

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## SECTION 1 SCOPE AND GENERAL

**1.1 SCOPE**

This Standard specifies the minimum energy performance standard (MEPS) requirements for close control airconditioners that fall in the scope of AS/NZS 4965.1.

This Standard does not specify electrical safety requirements.

This Standard specifies the following values for cooling, as applicable:

- (a) Rated power (input).
- (b) Rated capacity (output).
- (c) Energy efficiency ratio (EERS) for cooling.
- (d) Minimum energy performance standard requirements.

**1.2 EXCLUSIONS**

The following equipment is excluded from the scope of this Standard:

- (a) All airconditioners except for close control airconditioners, including—
  - (i) ducted and ductless split systems; and
  - (ii) ducted packaged units.
- (b) Multi-split systems (i.e. those having more than one indoor unit with an independent control for each indoor unit), pending the development of a suitable test method.
- (c) Evaporative coolers or any other cooling systems that are not of the vapour compression type.
- (d) Ground-water-sourced or ground-loop-sourced heat pumps.
- (e) Unbalanced airconditioners and spot coolers (these include many portable types).
- (f) Commercial chillers used in commercial buildings to provide chilled water for space-cooling equipment.

**1.3 APPLICATION**

This Standard shall be read in conjunction with AS/NZS 4965.1:200X.

**1.4 OBJECTIVE**

The objective of this Standard is to—

- (a) provide detailed information on the performance requirements that a close control airconditioner has to meet in order to meet minimum energy performance standard requirements; and