

Australian/New Zealand Standard™

**Performance of household electrical
appliances—Rotary clothes dryers**

Part 2: Energy labelling requirements



AS/NZS 2442.2:2000

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 March 2000 and on behalf of the Council of Standards New Zealand on 8 March 2000. This Standard was published on 31 March 2000.

The following are represented on Committee EL-015:

Australian Association of Certification Bodies
Australian Consumers Association
Australian Electrical and Electronic Manufacturers Association
Australian Industry Group
Australian Retailers Association
Consumer Electronics Suppliers Association, Australia
Consumer Federation of Australia
Department of Mines and Energy, Qld
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Australian/New Zealand Standard™

Performance of household electrical appliances—Rotary clothes dryers

Part 2: Energy labelling requirements

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL/15, Quality and Performance of Household Electrical Appliances.

This Standard incorporates Amendment No. 1 (September 2006) and Amendment No. 2 (April 2007). 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 AS/NZS 2442 series is comprised of two Parts as follows:

AS/NZS

- 2442 Performance of household electrical appliances—Rotary clothes dryers
- 2442.1 Part 1: Energy consumption and performance
- 2442.2 Part 2: Energy labelling requirements (this Standard)

The overall objective of the AS/NZS 2442 series of Standards is to promote high levels of quality, performance and energy efficiency in rotary clothes dryers.

The Parts of AS/NZS 2442 are summarized as follows:

- (a) *Part 1* Includes performance test procedures and minimum performance criteria for rotary clothes dryers.
- (b) *Part 2* Includes algorithms for the calculation of the energy efficiency star rating and projected energy usage, performance requirements, details of the energy label and requirements for the valid application thereof. It has been structured to be suitable for reference in regulatory legislation and to be used in conjunction with Part 1.

This edition contains the new star rating algorithms developed during 1999 which will be introduced together with the new energy label for clothes dryers during mid to late 2000. Part 1 of this Standard remains largely unchanged, except for some amendments which have been passed subsequent to its original publication (including a change in the ambient temperature from 23°C to 20°C to align with clothes washers and dishwashers and changes to the test procedure for the maximum temperature test for autosensing dryers).

The main changes in this Part 2 Standard are as follows:

- (i) Introduction of new energy labelling algorithms to regrade star ratings.
- (ii) Introduction of redesigned more consumer friendly energy label.

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 tables and figures are deemed to be requirements of this Standard.

This Standard is published with the approval of the combined state regulatory authorities and is structured to be suitable for reference in energy labelling regulatory legislation. It refers to Part 1 for test procedures.

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All registrations submitted and records kept from 1 October 2000 will require test reports in accordance with AS/NZS 2442.1.

Check testing, where applicable, will be undertaken to the version of the test standard which has been used to support the current energy label for that model.

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Australian/New Zealand Standard**Performance of household electrical appliances—Rotary clothes dryers****Part 2: Energy labelling requirements**

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies the energy labelling requirements for electric rotary clothes dryers intended for household and similar use. This Standard does not specify safety requirements. Examples of appliances covered by this Standard include vented dryers, condenser dryers and the drying function of combination washer/dryer units.

In particular, this Standard specifies the following:

- (a) Program to be used for energy labelling
- (b) Projected annual energy consumption.
- (c) Tested energy performance.
- (d) Comparative energy consumption.
- (e) Star rating index.
- (f) Star rating.
- (g) Some of the requirements for energy label validity.
- (h) Performance criteria for energy labelling.
- (i) Test reports format and printing requirements for clothes dryer energy labels.

1.2 APPLICATION

This Standard shall be read in conjunction with AS/NZS 2442.1.

1.3 OBJECTIVE

The objective of this Standard is to define performance and energy labelling requirements which shall be met such that a clothes dryer can carry a valid energy efficiency label.

1.4 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS	
2706	Numerical values—Rounding and interpretation of numerical values
2442—1981	Performance of household electrical appliances—Rotary clothes dryers (withdrawn April 1996, see Clause 4.1.4)
AS/NZS	
2442	Performance of household electrical appliances—Rotary clothes dryers
2442.1	Part 1: Energy consumption and performance