

Australian/New Zealand Standard™

**Performance of household electrical
appliances—Dishwashers**

**Part 2: Energy efficiency labelling
requirements**



AS/NZS 2007.2:2005

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 29 November 2005 and on behalf of the Council of Standards New Zealand on 9 December 2005. This Standard was published on 22 December 2005.

The following are represented on Committee EL-015:

Australian Consumers' Association
Australian Electrical and Electronic Manufacturers Association
Australian Industry Group
Australian Retailers Association
Business New Zealand
Consumer Electronics Suppliers Association
Consumers Federation of Australia
Department of Energy, Utilities and Sustainability, NSW
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Australian/New Zealand Standard™

Performance of household electrical appliances—Dishwashers

Part 2: Energy efficiency labelling requirements

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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, to supersede AS/NZS 2007.2:2003 on publication.

This Standard incorporates Amendment No. 1 (May 2012). 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.

The AS/NZS 2007 series is comprised of two Parts, as follows:

AS/NZS

2007	Performance of household electrical appliances—Dishwashers
2007.1	Part 1: Methods for measuring performance, energy and water consumption
2007.2	Part 2: Energy efficiency labelling requirements (this Standard)

The overall objective of the AS/NZS 2007 series of Standards is to promote high levels of performance, energy efficiency and water efficiency in electric dishwashers.

The Parts of AS/NZS 2007 are summarized as follows:

- (a) *Part 1* Includes performance test procedures and minimum performance criteria for dishwashers.
- (b) *Part 2* Includes algorithms for the calculation of the energy efficiency star rating and comparative energy consumption, performance requirements, details of the energy efficiency label and requirements for the valid application for registration for energy efficiency labelling. It also includes the application form for registration for water efficiency labelling. It has been structured to be suitable for reference in regulatory legislation and to be used in conjunction with Part 1.

The main changes in this Standard are as follows:

- (i) Introduction of a new application form and procedures for registration for water efficiency labelling.
- (ii) Inclusion of standby power into the energy efficiency label calculations.
- (iii) Introduction of a requirement to enable a regulator to be able to determine the date of manufacture from information marked on the appliance.

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 relevant Australian and New Zealand state regulatory authorities and is structured to be suitable for reference in energy and water efficiency labelling regulatory legislation. It refers to AS/NZS 2007.1:2005 for test procedures. AS/NZS 6400 references this Standard for water efficiency labelling requirements.

From the date of publication of this Standard until 31 March 2007, regulatory authorities have advised that they will accept registration of dishwashers in accordance with either AS/NZS 2007.2:2003 or this Standard.

Regulatory authorities have advised that from 31 March 2007, it is expected that all new registrations or changes to existing registrations submitted in Australia and new records or changes to existing records kept in New Zealand, will need to meet the requirements of this Standard.

Regulatory authorities have advised that registrations which rely on test reports to AS/NZS 2007.1:2003 or where products are registered to the requirements of AS/NZS 2007.2:2003 will expire on 31 March 2007. All products imported or manufactured after 31 March 2007 will require a registration and an energy label in accordance with this Standard.

Administrative arrangements during the transition period may vary so registration holders should contact their regulator to obtain detailed requirements with respect to labelling and registration requirements (refer also to Section 4 of this Standard).

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

CONTENTS

	<i>Page</i>
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE.....	5
1.2 APPLICATION	5
1.3 OBJECTIVE.....	5
1.4 REFERENCED DOCUMENTS.....	5
1.5 DEFINITIONS.....	6
1.6 MEASURED QUANTITIES	7
1.7 ROUNDING	7
SECTION 2 TEST REQUIREMENTS, CALCULATIONS AND ALGORITHMS FOR THE ENERGY EFFICIENCY LABEL	
2.1 GENERAL.....	8
2.2 TEST REQUIREMENTS AND PROCESSING OF DATA.....	8
2.3 PROJECTED ANNUAL ENERGY CONSUMPTION (PAEC).....	9
2.4 COMPARATIVE ENERGY CONSUMPTION (CEC).....	9
2.5 BASE ENERGY CONSUMPTION (BEC).....	10
2.6 STAR RATING INDEX (SRI)	10
2.7 STAR RATING	10
2.8 ENERGY EFFICIENCY LABEL VALIDITY.....	11
SECTION 3 PERFORMANCE CRITERIA	
3.1 GENERAL.....	12
3.2 RATED CAPACITY	12
3.3 WASHING INDEX	12
3.4 WATER CONSUMPTION	12
3.5 DRYING INDEX.....	12
SECTION 4 APPLICATION AND TEST REPORT FORMATS	
4.1 APPLICATION FOR REGISTRATION.....	13
4.2 HOLDING OF RECORDS	14
4.3 DATE OF MANUFACTURE.....	14
SECTION 5 PRINTING AND PLACEMENT OF ENERGY EFFICIENCY LABELS	
5.1 PLACEMENT	15
5.2 MATERIAL AND SHAPE	15
5.3 COLOURS.....	15
5.4 ALTERNATIVE WATER CONNECTION MODE DETAILS	15
5.5 LABEL REQUIREMENTS	15
5.6 SAMPLE LABEL	18
APPENDICES	
A EXAMPLE OF ENERGY EFFICIENCY CALCULATIONS.....	19
B ENERGY EFFICIENCY LABEL DIMENSIONS	22
C FORMAT OF APPLICATION FOR REGISTRATION OF A DISHWASHER FOR ENERGY EFFICIENCY LABELLING AND WATER EFFICIENCY LABELLING	23

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Australian/New Zealand Standard
Performance of household electrical appliances—Dishwashers

Part 2: Energy efficiency labelling requirements

S E C T I O N 1 S C O P E A N D G E N E R A L

1.1 SCOPE

This Standard specifies the energy efficiency labelling requirements for electric **dishwashers** intended for household and similar use. This Standard does not specify safety requirements.

In particular, this Standard specifies the following:

- (a) **Program for energy efficiency labelling** and water efficiency labelling.
- (b) Water connection mode.
- (c) **Comparative energy consumption (CEC)**.
- (d) **Star rating** for energy efficiency labelling.
- (e) Requirements for energy efficiency label validity.
- (f) Performance criteria for energy efficiency labelling.
- (g) Printing requirements for **dishwasher** energy efficiency labels.
- (h) Format for the application for registration for energy efficiency labelling and water efficiency labelling.

1.2 APPLICATION

This Standard **shall** be read in conjunction with AS/NZS 2007.1:2005.

1.3 OBJECTIVE

The objective of this Standard is to define performance and energy efficiency labelling requirements that a **dishwasher** has to meet in order to 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 limiting values
AS/NZS	
2007	Performance of household electrical appliances—Dishwashers
2007.1:2005	Part 1: Methods for measuring the performance, energy and water consumption
2007.2:2003	Part 2: Energy labelling requirements
6400	Water efficient products—Rating and labelling
62301	Household electrical appliances—Measurement of standby power