

STANDARDS AUSTRALIA

Amendment No. 1
to
AS 1731.14—2003
Refrigerated display cabinets
Part 14: Minimum energy performance Standard (MEPS) requirements

REVISED TEXT

The 2003 edition of AS 1731.14 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This Amendment applies to the Clauses 1.3, 2.1, 2.2, 3.1, 3.2, Section 5, Tables 2.1, 2.2, 3.1, 3.2, and Tables A1 and A2, Appendices C, F and G.

Published on 30 December 2005.

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Page 4 Clause 1.3

- 1 Item (c) *Delete* ‘; and’ at the end of the phrase and replace with a full stop ‘.’
- 2 Item (d) *Delete*.

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Page 6 Clause 2.1

In the first paragraph *delete* the third sentence and *replace* with the following:

‘Where night-covers are supplied as a permanent fixture of the cabinet, the test shall be conducted as described in AS 1731.9, Clause 4.3(b).’

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Page 6 Table 2.1

- 1 *Delete* line 29 of table body and *replace* with the following:

RS 15—Glass door	19.29
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- 2 *Insert* the following Note under Table 2.1:

NOTE: Where a cabinet is designed to operate at more than one M package temperature, the cabinet shall be tested to the lowest M package temperature range.

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Page 7 Clause 2.2

In the first paragraph, *delete* the third sentence and *replace* with the following:

‘Where night-covers are supplied as a permanent fixture of the cabinet, the test shall be conducted as described in AS 1731.9, Clause 4.3(b).’

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Page 8 Table 2.2

Delete existing table and *replace* with the following new table:

TABLE 2.2
MAXIMUM ENERGY CONSUMPTION SELF-CONTAINED CABINETS

Maximum energy consumption TEC/TDA (kWh/day/m ²)							
Type		M-package temperature classes (See AS 1731.6 Clause 5)		Type		M-package temperature classes (See AS 1731.6 Clause 5)	
		M1	M2			L1	L2
HC1		11.50	11.50	HF1		No value	No value
HC2		No value	No value	HF2		No value	No value
HC3		No value	No value	HF3		No value	No value
HC4		15.50	15.50	HF4		26.50	26.50
HC5		No value	No value	HF5		No value	No value
HC6		No value	No value	HF6		8.00	8.00
VC1		37.50	28.00	VF1		No value	No value
VC2		27.00	25.50	VF2		No value	No value
VC3		No value	No value	VF3		No value	No value
VC4	Solid door	17.00	17.50	VF4	Solid door	44.0	39.00
	Glass door	17.00	17.50		Glass door	44.0	39.00
YC1		No value	No value	YF1		No value	No value
YC2		No value	No value	YF2		No value	No value
YC3		No value	No value	YF3		No value	No value
YC4		No value	No value	YF4		No value	No value

NOTE: Where a cabinet is designed to operate at more than one M package temperature, the cabinet shall be tested to the lowest M package temperature range.

Page 9 Clause 3.1, first paragraph

Delete the third sentence and *replace* with the following:

‘Where night-covers are supplied as a permanent fixture of the cabinet, the test shall be conducted as described in AS 1731.9, Clause 4.3(b).’

Page 9 Table 3.1

Insert the following Note to Table 3.1:

NOTE: Where a cabinet is designed to operate at more than one M package temperature, the cabinet shall be tested to the lowest M package temperature range.

Page 10 Clause 3.2, first paragraph

Delete the third sentence and *replace* with the following:

‘Where night-covers are supplied as a permanent fixture of the cabinet, the test shall be conducted as described in AS 1731.9, Clause 4.3(b).’

Page 11 Table 3.2

Delete existing table and *replace* with the following new table:

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TABLE 3.2

**MAXIMUM ENERGY CONSUMPTION FOR 'HIGH EFFICIENCY'
SELF-CONTAINED DISPLAY CABINETS**

Maximum energy consumption TEC/TDA (kWh/day/m²)

Type		M-package temperature classes		Type		M-package temperature classes	
		M1	M2			L1	L2
HC1		8.50	8.50	HF1		No value	No value
HC2		No value	No value	HF2		No value	No value
HC3		No value	No value	HF3		No value	No value
HC4		11.40	11.40	HF4		19.50	19.50
HC5		No value	No value	HF5		No value	No value
HC6		No value	No value	HF6		5.90	5.90
VC1		27.60	20.60	VF1		No value	No value
VC2		19.90	18.80	VF2		No value	No value
VC3		No value	No value	VF3		No value	No value
VC4	Solid door	7.30	7.30	VF4	Solid door	32.40	28.70
	Glass door	10.70	10.70		Glass door	32.40	28.70
YC1		No value	No value	YF1		No value	No value
YC2		No value	No value	YF2		No value	No value
YC3		No value	No value	YF3		No value	No value

NOTE: Where a cabinet is designed to operate at more than one M package temperature, the cabinet shall be tested to the lowest M package temperature range.

Page 13 Section 5

Delete Section 5.

Page 15 Appendix A, Table A1

Insert the following Note to Table A1:

NOTE: The definition of Types of Refrigerated Cabinets is under review and may be subject to change to accommodate new models entering the market.

Page 16 Appendix A, Table A2

1 In column headed 'Type', last row, delete 'RS' and replace with 'RS 20'.

2 Insert the following Note after Table A2:

NOTE: The definition of Types of Refrigerated Cabinets is under review and may be subject to change to accommodate new models entering the market.

Page 17 Appendix A, Table A3

In 2nd and 4th columns, (line 10 table body) *delete* the words 'Chilled, glass door' and *replace* with 'Chilled, glass and solid door' and *delete* 'Frozen, glass door' and *replace* with 'Frozen, glass and solid door'.

Page 21 Appendix C

Delete existing Appendix C and *replace* with the following:

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APPENDIX C

FORMAT OF APPLICATION FOR REGISTRATION OF A REFRIGERATED DISPLAY CABINET FOR MEPS

(Normative in Australia)

C1 SCOPE

This Appendix sets out the required format for submitting an application for registration.

NOTE: The contact details supplied by applicants in this form or online may be used by other Government agencies to keep applicants informed of forthcoming regulatory changes that may affect the product registered under this standard. Otherwise, contact details are treated as private and confidential.

C2 GUIDANCE ON THE USE OF THIS APPLICATION FORM

The preferred method of making an application for energy labelling and/or MEPS is via the online registration system. To use this system, you need to apply for a user name and password. Once a user name has been issued, you will have full access to the online system. Details on how to apply for a user name and password and how to log on to the online system can be found at www.energyrating.gov.au/forms.

C3 SUBMISSIONS TO THE NEW ZEALAND REGULATOR

Applicants who have listed their product with the New Zealand regulator and intend to rely on the goods access provisions of Trans Tasman Mutual Recognition Arrangement to sell that product in Australia without registering it with an Australian regulator shall comply with the following conditions:

- (a) The company responsible for the manufacture or importation of this product shall have its registered offices in New Zealand.
- (b) In respect of the product imported or manufactured by the applicant, this product shall be either imported into New Zealand (but not directly into Australia) or manufactured in New Zealand (not in Australia).
- (c) If this product is imported into Australia, then it shall be imported through New Zealand.

C4 APPLICATION FORM

APPLICATION FOR REGISTRATION OF A REFRIGERATED DISPLAY CABINET FOR MEPS

(Please type or print)

SECTION 1 APPLICATION DETAILS

Name of applicant:		
Company name of applicant:		
Company address of applicant:		
Contact person:	Name:	
(A name, address and contact details for a person in Australia or New Zealand shall be provided)	Address:	
	Position / Title:	
	Telephone:	
	Facsimile:	
	E-mail:	
What is this application for?		MEPS
Standard to which this Energy labelling application is being made: (where applicable indicate correct answer)		AS 1731.14—2003
Is the application for a single model or a family of models? (Indicate correct answer)	Single	Family

SECTION 2 DESCRIPTION OF REFRIGERATED DISPLAY CABINET

Brand name:		
Model name (if available):		
Model number or family number:		
Other model numbers that will rely on this registration:		
Country of manufacture:	Australia Australia or New Zealand New Zealand Other—Please specify	
In what countries are these models to be sold? (Indicate correct answer) NOTE: The response will determine how the model will be displayed on Government energy rating websites in Australia and/or New Zealand. If 'Neither Australia nor New Zealand' is selected, the model will not appear on those websites.	Australia but not New Zealand New Zealand but not Australia Both Australia and New Zealand Neither Australia nor New Zealand	
Year and month in which model was first available in Australia / New Zealand:	Month:	Year:

Date of manufacture:

The date of manufacture of each appliance shall be able to be determined from information legibly and durably marked on the appliance. Applicants must complete one of the three questions below:

If the date of manufacture is marked in a non encrypted format, provide a description of the date format clearly identifying which components indicate the day (if included), month and year of manufacture.

If the date of manufacture is marked in an encrypted format, provide details of how the date of manufacture can be determined so that the decoded information clearly identifies which components indicate the day (if included), month and year of manufacture.

NOTE: The date of manufacture encryption method information provided in answer to this question is not intended to be made public.

Alternatively, provide details of how to determine (from the serial number or other markings for this model) whether the date of manufacture was either—

- (a) in a five year period prior to the introduction of the MEPS (designation date); or
- (b) in a five year period subsequent to the introduction of the MEPS (designation date).

NOTES:

- 1 Only one of options (a) or (b) is required.
- 2 The method of determining the date of manufacture information provided in answer to this question is not intended to be made public.

Does this model or family replace or supplement another with the same TEC/TDA?
(Indicate correct answer)

Yes

No

If yes, indicate relevant details:

Model name

Model number

Registration no.

SECTION 3 TESTING AND TEST REPORT

Is a test report attached?
(Indicate correct answer)

Yes

No

If 'No' and a report was previously attached to a registration upon which this application relies please note the source registration number of the appliance upon which this application relies for its test report:

Test laboratory type:
(Indicate correct answer)

Own 'in-house' laboratory

Independent laboratory

N/A—No test undertaken