

Australian Standard™

Refrigerated display cabinets

Part 1: Terms and definitions



This Australian Standard was prepared by Committee ME-008, Refrigerated Display Cabinets. It was approved on behalf of the Council of Standards Australia on 26 September 2003.

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The following are represented on Committee ME-008:

Australian Greenhouse Office
Australian Retailers Association
Commercial Refrigeration Manufacturers Association of Australia
Food Science Australia
Institution of Engineers Australia
Refrigeration Air Conditioning Companies Association

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Part 1: Terms and definitions

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PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee ME-008, Refrigerated Display Cabinets, to supersede AS 1731—2000, *Refrigerated display cabinets, Part 1: Terms and definitions*. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian, rather than an Australian/New Zealand Standard.

This Standard incorporates Amendment No. 1 (December 2005). 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.

This Standard is based on International Standard prEN ISO 23953-1:2003, *Refrigerated display cabinets, Part 1: Terms and definitions*.

This Standard is Part 1 of a series of Standards for refrigerated display cabinets, as follows:

AS

- 1731 Refrigerated display cabinets
- 1731.1 Part 1: Terms and definitions (this Standard)
- 1731.2 Part 2: General mechanical and physical requirements
- 1731.3 Part 3: Linear dimensions, areas and volumes
- 1731.4 Part 4: General test conditions
- 1731.5 Part 5: Temperature test
- 1731.6 Part 6: Classification according to temperatures
- 1731.7 Part 7: Defrosting test
- 1731.8 Part 8: Water vapour condensation test
- 1731.9 Part 9: Electrical energy consumption test
- 1731.10 Part 10: Test for absence of odour and taste
- 1731.11 Part 11: Installation maintenance and user guide
- 1731.12 Part 12: Measurement of the heat extraction rate of the cabinets when the condensing unit is remote from the cabinet
- 1731.13 Part 13: Test reports
- 1731.14 Part 14: Minimum energy performance standard (MEPS) requirements

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STANDARDS AUSTRALIA

Australian Standard
Refrigerated display cabinets

Part 1: Terms and definitions

1 SCOPE

1.1 Scope of Standard

A1

This Standard specifies terminology, general mechanical and physical requirements, test conditions as well as installation and maintenance, for commercial refrigerators and freezers used for the sale or display of food products including beverages.

This Standard does not cover refrigerated vending machines, ice-makers, cabinets intended for use in catering and similar non-retail applications.

1.2 Scope of Part 1

This Part of the AS 1731 series of Standards specifies terms and definitions for refrigerated display cabinets for the sale and display of foodstuffs.

2 OBJECTIVE

The objective of this Standard is to provide unified terminology for refrigerated display cabinets, for use by manufacturers, suppliers, purchasers, operators and regulators of these systems.

3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

1731 Refrigerated display cabinets

1731.4 Part 4: General test conditions

1731.6 Part 6: Classification according to temperatures

1731.14 Part 14: Minimum energy performance standard (MEPS) requirements

4 DEFINITIONS

For the purposes of this Standard, the definitions below apply.

4.1 Cabinet designations

4.1.1 *Cabinet types*

A classification of the refrigerated display cabinet families is given in AS 1731.6.

4.1.1.1 *Assisted service refrigerated display cabinet/serve-over counter*

A refrigerated display cabinet which requires that a person serves the consumer with fresh cut or packed foodstuffs.

4.1.1.2 *Closed refrigerated display cabinet*

A refrigerated display cabinet where access to the foodstuffs is gained by opening a door or lid.