

AS/NZS 1677.2:1998  
(Incorporating Amendment Nos 1 and 2)

AS/NZS 1677.2

Australian/New Zealand Standard™

## Refrigerating systems

### Part 2: Safety requirements for fixed applications



## **AS/NZS 1677.2:1998**

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee ME/6, Refrigeration. It was approved on behalf of the Council of Standards Australia on 14 November 1997 and on behalf of the Council of Standards New Zealand on 3 November 1997. It was published on 5 January 1998.

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The following interests are represented on Committee ME/6:

Air Conditioning and Refrigeration Wholesalers Association, Australia  
Air-conditioning and Refrigeration Equipment Manufacturers Association of Australia  
Association of Fluorocarbons Consumers and Manufacturers, Australia  
Australasian Railway Association  
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## Refrigerating systems

### Part 2: Safety requirements for fixed applications

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME/6, Refrigeration. This Standard supersedes (in part) AS 1677—1986, Refrigerating systems and NZS 5235, Code of practice for safety in mechanical refrigeration (Refrigeration code), Part 1:1991, Refrigerating systems with a total refrigeration effect in excess of 30 kW and Part 2:1988, Refrigerating systems with a total refrigeration effect less than 30 kW.

*This Standard incorporates Amendment No. 1, (June 1999) and Amendment No. 2, (December 2000). 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 objective of this document is to provide standardized minimum requirements to address the fundamental safety aspects of refrigerating systems for use by designers, installers, manufacturers, operators and regulators of these systems.

This Standard forms Part 2 of a three-part series of Standards to address refrigerating systems. Part 1 of the series covers refrigerant classification and Part 3 addresses safety requirements for mobile applications. This Standard is based on BS 4434:1995, Safety and environmental aspects in the design, construction and installation of refrigerating appliances and systems, ANSI/ASHRAE 15:1992, Safety code for mechanical refrigeration and ISO 5149:1993, Mechanical refrigerating systems used for cooling and heating—Safety requirements.

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.

This Standard has undergone a considerable number of changes and revisions. Details of the publishing history can be obtained from Standards Australia or Standards New Zealand Information Centre.

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