

Australian/New Zealand Standard™

Lifts, escalators, and moving walks

Part 18: Passenger lifts for private residence—Automatically controlled

AS/NZS 1735.18:2002

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Australian Elevator Association
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME-004, Lift Installations, to supersede (in part) AS 1735.16—1993, *Lifts, escalators and moving walks, Part 16: Lifts for persons with limited mobility—Restricted use—Automatically controlled*.

The objective of this Standard is to provide requirements for small-sized, low-speed passenger lifts, for installation in private residences.

The term ‘informative’ has been used in this Standard to define the application of the appendix to which it applies. An ‘informative’ appendix is only for information and guidance.

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for automatically controlled small-sized low-speed passenger lifts that are installed in private residence, as defined in AS 1735.1.

This Standard is complementary to AS 1735.1, but the requirements of this Standard take precedence over corresponding requirements of that Standard.

NOTES:

- 1 Guidance on care and responsibility is given in Appendix A.
- 2 Guidance on the selection of the preferred type of lift is given in Appendix B.

1.2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard.

AS

1023 Low voltage switchgear and control gear—Protection of electric motors

1023.1 Part 1: Built-in thermal detectors and associated control units

1023.3 Part 3: Inherent overheat protectors

1532 Short pitch transmission precision roller chains and chain wheels

1735 Lifts, escalators, and moving walks

1735.1 Part 1: General requirements

1735.2 Part 2: Passenger and goods lifts—Electric

1735.3 Part 3: Passenger and goods lifts—Electrohydraulic

1735.10(Int) Part 10: Tests

1831 Iron castings—Spheroidal or nodular graphite cast iron

1979 Electrical cables—Lifts—Flexible travelling

3569 Steel wire ropes

AS/NZS

3000 Electrical installations (known as the Australian/New Zealand Wiring Rules)

3013 Electrical installations—Classifications of the fire and mechanical performance of wiring systems

ISO

4347 Leaf chains, clevises and sheaves

BS

3790 Specification for endless wedge belt drives and endless V-belt

NZS

4332 Non-domestic passenger and goods lifts