



Fire, smoke and air dampers

Part 2: Installation



This Australian Standard® was prepared by Committee ME-062, Ventilation and Airconditioning. It was approved on behalf of the Council of Standards Australia on 25 November 2015.

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The following are represented on Committee ME-062:

- Air Conditioning and Mechanical Contractors Association
 - Australasian Fire and Emergency Service Authorities Council
 - Australian Building Codes Board
 - Australian Industry Group
 - Australian Institute of Refrigeration, Air Conditioning and Heating
 - Chartered Institution of Building Services Engineers
 - Consumer Electronics Suppliers Association
 - Department of Health and Human Services, Tas.
 - Engineers Australia
 - Facility Management Association of Australia
 - NATSPEC
 - The Insulation Contractors Association of Australia, NSW
 - Victorian Building Authority
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This Standard was issued in draft form for comment as DR AS 1682.2:2015.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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Australian Standard[®]

Fire, smoke and air dampers

Part 2: Installation

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PREFACE

This Standard was prepared by the Standards Australia Committee ME-062, Ventilation and Airconditioning, to supersede AS 1682.2—1990, *Fire dampers, Part 2: Installation*.

The objective of this Standard is to provide requirements on the selection, installation and commissioning of fire, smoke and air dampers for use in air handling systems. Design, manufacturing, and testing requirements for fire dampers are specified in AS 1682.1, *Fire and smoke dampers, Part 1: Specification*.

It should be noted that fire collars, typically used for stormwater and waste water drainage systems, are *not* fire dampers and their use in air handling systems is strictly prohibited.

This edition incorporates the following changes from AS 1682.2—1990:

- (a) Priority given to installation instructions as the basis of all installations.
- (b) Installation requirements for smoke dampers and air dampers added.
- (c) Performance requirements for fire damper and smoke damper installations as normative appendices.
- (d) Guidance given for regulatory periodic inspections.
- (e) Breakaway jointing amended.
- (f) Typical commissioning check sheet included.
- (g) Baseline data introduced.

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 includes a commentary on some of the clauses. The commentary directly follows the relevant clause, is designated by ‘C’ preceding the clause number and is printed in italics in a box. The commentary is for information and guidance and does not form part of the Standard.

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