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AS 4032.1-2005 Water supply - Valves for the control of heated water supply temperatures - Part 1: Thermostatic mixing valves - Materials design and performance requirements

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Abbreviation

AS 4032.1-2005

Valid from

28/01/2005

Information provider

SAI Global

Author

Standards Australia

Information type

Australian Standard

Format

PDF

Cited By

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Description

This Standard specifies requirements for the design, construction, testing performance and means of compliance for metallic-bodied thermostatic mixing valves.

Scope

This Standard specifies requirements for the design, construction, testing performance and means of compliance for metallic-bodied thermostatic mixing valves -

- (a) of nominal sizes not larger than DN50;
- (b) for use with hot water at a supply temperature not exceeding 90C; and
- (c) for use with hot and cold water with working pressures not exceeding 1400kPa.

When used for ablutionary purposes, thermostatic mixing valves complying with this Standard provide the user with reasonable protection against scalding or excessive temperature fluctuations due to variations of pressures and temperatures of the hot and cold water supplies, including shut-off of either the cold or hot water supply.

Notes:

- 1) Diagrams in this Standard are typical and chosen without prejudice.

- 2) Thermostatic mixing valves require routine maintenance and performance testing in accordance with AS4032.3.

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