AS 1357.2:2023

Australian STANDARD®

STANDARDS Australia

Valves primarily for use in heated water systems

Part 2: Control valves

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This Australian Standard ® was prepared by WS-026, Valves primarily for use in Warm and Hot Water Systems. It was approved on behalf of the Council of Standards Australia on 20 November 2023.

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The following are represented on Committee WS-026:

Australian Building Codes Board
Australian Chamber of Commerce and Industry
Australian Industry Group
enHealth
Gas Appliance Manufacturers Association of Australia
Institute of Healthcare Engineering Australia
Master Plumbers Association of NSW
Master Plumbers Australia and New Zealand
Plumbing Products Industry Group

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Originated as part of AS B271—1968.
Revised and redesignated as AS 1357—1972.
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Fifth edition 2023.

Preface

This Standard was prepared by the Australian members of Joint Standards Australia/Standards New Zealand Committee WS-026, Valves Primarily for Use in Warm and Hot Water Systems, to supersede AS 1357.2:2005.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this document is to provide manufacturers with design, material and performance requirements for control valves that give reasonable protection to users against exposure to high or excessive fluctuations in water temperature.

The range of control valves in this document includes types to limit maximum water inlet pressures, provide vacuum relief, prevent excessive water storage temperature (in solar water heaters) and reduce the risk of scalding temperatures at delivery points.

The major changes in this edition are as follows:

(a) The requirements for thermal switching valves have been updated to be consistent with WMTS-481, including the addition of sampling and frequency plans for these products.

(b) Section 10 and the relevant appendices have been added to cover air eliminators.

The terms “normative” and “informative” are used in Standards to define the application of the appendices to which they apply. A “normative” appendix is an integral part of a Standard, whereas an “informative” appendix is only for information and guidance.

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