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AS 1357.1-1992 Water supply - Valves for use with unvented water heaters - Part 1: Protection valves

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Abbreviation

AS 1357.1-1992

Valid from

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Information provider

SAI Global

Author

Standards Australia

Information type

Australian Standard

Format

PDF, Hard copy

Cited By

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Description

This Standard specifies requirements for the design, construction, testing and performance of temperature/pressure relief valves, expansion control valves and non-return valves specifically intended for use with unvented storage water heaters.

Scope

This Standard sets out requirements for the design, construction, testing and performance of the following types of water valves of DN 15 minimum size:

- (a) Temperature/pressure relief valves.
- (b) Expansion control valves.
- (c) Non-return valves.

The valves specified above (referred to in this Standard as valves) are specifically intended for use with unvented storage water heaters which are required to operate at temperatures-

- (i) not normally exceeding 85° C; and
- (ii) under emergency conditions, not exceeding 99° C.

NOTES:

- 1 For valves used with water heaters which are intended to operate at temperatures above 99° C (e.g. hot water boilers),

see AS 1271.

- 2 The methods of test detailed in the Appendices determine the ability of the water valves specified herein to perform within specified limits of water temperature, pressure and non-return conditions for the protection of unvented storage water heaters.
- 3 Instrumentation requirements are given in Appendix A.

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