



## **Water supply—Valves for the control of heated water supply temperatures**

### **Part 4: Thermostatically controlled taps for the control of heated water supply temperatures**



This Australian Standard® was prepared by Committee WS-026, Valves Primarily for Use in Warm and Hot Water Systems. It was approved on behalf of the Council of Standards Australia on 9 May 2014.

This Standard was published on 11 June 2014.

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The following are represented on Committee WS-026:

- Australian Chamber of Commerce and Industry
  - Australian Industry Group
  - Building Officials Institute of New Zealand
  - Department of Health, South Australia
  - Employers and Manufacturers Association
  - Gas Appliance Manufacturers Association of Australia
  - Institute of Hospital Engineering Australia
  - Master Plumbers and Mechanical Services Association of Australia
  - Master Plumbers Association of NSW
  - Master Plumbers, Gasfitters and Drainlayers, New Zealand
  - NSW Ministry of Health
  - Plumbing Products Industry Group
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This Standard was issued in draft form for comment as DR AS 4032.4.

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<sup>®</sup>

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heated water supply temperatures**

**Part 4: Thermostatically controlled taps  
for the control of heated water supply  
temperatures**

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee WS-026, Valves Primarily for Use in Warm and Hot Water Systems.

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

This Standard includes provision for electronically controlled valves and requirements for heated water shut-off performance.

This is a new Standard which forms Part 4 of a suite of Standards that cover products for the control of heated water temperatures, as follows:

AS

- 4032 Water supply—Valves for the control of heated water supply temperatures
- 4032.1 Part 1: Thermostatic mixing valves—Materials design and performance requirements
- 4032.2 Part 2: Tempering valves and end-of-line temperature-actuated devices
- 4032.3 Part 3: Requirements for field testing, maintenance or replacement of thermostatic mixing valves, tempering valves and end-of-line temperature control devices
- 4032.4 Part 4: Thermostatically controlled taps for the control of heated water supply temperatures

The objective of this Standard is to provide manufacturers, system designers, relevant authorities and others with performance requirements for thermostatic mixing taps, which provide a level of protection to users against exposure to high or excessive fluctuations in mixed water temperatures caused by variations, including shut-off, in the cold or heated water supply.

The term ‘normative’ has been used in this Standard to define the application of the appendix to which it applies. A ‘normative’ appendix is an integral part of a Standard.

Statements expressed in mandatory terms in notes to tables and figures are deemed to be requirements of this Standard.

This Standard necessarily deals with existing conditions, but is not intended to discourage innovation or to exclude material, equipment and methods that may be developed in the future. Revisions will be made from time to time in view of such developments, and amendments to this edition will be made only when absolutely necessary.

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