

AS/NZS 2712:2002
(Incorporating Amendment No. 1)

AS/NZS 2712:2002

Australian/New Zealand Standard™

**Solar and heat pump water heaters—
Design and construction**



AS/NZS 2712:2002

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CS-028, Solar Water Heaters. It was approved on behalf of the Council of Standards Australia on 26 June 2002 and on behalf of the Council of Standards New Zealand on 20 June 2002.

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The following are represented on Committee CS-028:

Australian Chamber of Commerce and Industry
Australian Gas Association
Australian Industry Group
Australian and New Zealand Solar Energy Society
Energy Efficiency and Conservation Authority of New Zealand
Energy Management Association of New Zealand
James Cook University
Ministry of Energy and Utilities NSW
Plastics and Chemicals Industries Association
Solar Industries Association New Zealand
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PREFACE

This Standard was prepared by the Standards Australia Committee CS-028, Solar Water Heaters, to supersede AS 2712—1993, Solar water heaters—Design and construction.

This Standard incorporates Amendment No. 1 (September 2005). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

Although this Standard indicates compatibility with the requirements of AS 1056, *Storage water heaters* and Australian Gas Code AG 102, *Approval requirements for gas water heaters*, with respect to systems with gas supplementary heating, other supplementary heating systems admissible within the requirements of AS/NZS 3500.4, *National Plumbing and Drainage Code*, Part 4: *Hot water supply systems*, may be employed.

The objective of this Standard is to provide designers, manufacturers, installers and interested parties with the design and construction requirements of solar and heat pump hot water supply systems.

Given new developments in solar water heaters, in particular the use of plastics, it is the intention of the committee to review this standard and make revisions when appropriate. In particular, the issues of stagnation testing related to new materials is being reviewed and the incorporation of information on pump circulation systems commonly used in New Zealand when available.

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