

AS 2712—1993

Australian Standard[®]

**Solar water heaters—Design and
construction**

This Australian Standard was prepared by Committee CS/28, Solar Water Heaters. It was approved on behalf of the Council of Standards Australia on 22 March 1993 and published on 14 June 1993.

The following interests are represented on Committee CS/28:

Australian and New Zealand Solar Energy Society
Australian Gas Association
CSIRO, Division of Building, Construction and Engineering
Department of Administrative Services, Australian Construction Services
Department of Business and Consumer Affairs, N.S.W.
Department of Energy, N.S.W.
Department of Industrial Relations and Employment, N.S.W.
Department of Mines and Energy, N.T.
Department of Primary Industries and Energy
Electricity Supply Association of Australia
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construction**

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PREFACE

This Standard was prepared by the Standards Australia Committee on Solar Water Heaters to supersede AS 2712—1984, *Solar water heaters—Design and construction*.

This Standard is technically equivalent to the previous edition and it incorporates Amendments 1, 2 and 3 to the previous edition.

The structural strength test has been confined to glazed collectors that are supplied as a fully assembled unit and not assembled on site.

Other modifications to the previous edition include the introduction of accuracy of measurement related to the protection against the ingress of water and designed drain holes to prevent the pressurization of the collector under possible fault conditions.

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 3500.4, *National Plumbing and Drainage Code*, Part 4: *Hot water supply systems*, may be employed.

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