

Australian/New Zealand Standard™

Space heaters—Secondary guards



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NEW ZEALAND
Parenga Aotearoa

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Australian Gas Association
Australian Home Heating Association
Department of Human Service, Vic.
Gas Appliance Manufacturers Association of Australia
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CS/7, Guards for Heating Appliances, to supersede AS 2286—1989, *Space heating appliances—Secondary guards*.

Requirements for primary guards are not dealt with in this Standard. These requirements are given in AS/NZS 3350.2.30, *Safety of household and similar electrical appliances*, Part 2.30: *Particular requirements—Room heaters*.

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.

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

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Space heaters—Secondary guards

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for secondary guards for use with domestic heating appliances intended for comfort space heating.

1.2 OBJECTIVE

The objective of this Standard is to provide manufacturers and users with minimum requirements for the design and positioning of secondary guards intended to minimize thermal damage (burning) to body tissue as a result of heat transfer from the heated surface of the appliance or the secondary guard.

1.3 APPLICATION

Secondary guards are intended for use with domestic comfort heating appliances in the following circumstances:

- (a) Where the young and infirm may be at risk of an accidental burn injury by contact with hot surfaces of the heating appliance.
- (b) Where the heating appliance is in use in a public place and the public is at risk of an accidental burn injury.

1.4 REFERENCED DOCUMENT

The following document is referred to in this Standard:

AS/NZS
3350 Safety of household and similar electrical appliance
3350.2.30 Part 2.30: Particular requirements—Room heaters

1.5 DEFINITIONS

For the purpose of this Standard, the definitions below apply.

1.5.1 Appliance

A fixed, mobile, or portable space-heating device including any exposed flue or similar attachment, designed for the purpose of heating a room or space by the emission of heat by conduction, radiation, convection, forced air circulation, or any combination thereof, operating on electricity, gas, liquid, solid fuel, or heat transfer medium.

1.5.2 Primary guard

A guard supplied integral with an appliance and intended to prevent direct contact with, or close approach to heat source(s).

NOTE: A primary guard is principally intended to reduce the risk of accidental ignition of flammable materials; however, if personal contact occurs, it does not necessarily prevent accidental burning.