

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

**Amendment No. 2
to
AS/NZS 60335.2.98:2005
Household and similar electrical appliances – Safety –
Part 2.98: Particular requirements for humidifiers**

REVISED TEXT

The 2005 edition of AS/NZS 60335.2.98 is amended as follows;

SUMMARY: This amendment applies to Committee Representation, Contents, Foreword, Clauses 1, 3, 5 and 11 and Annexes.

Published on 28 November 2014

Approved for publication in Australia on behalf of the Council of Standards Australia on 12 November 2014

Approved for publication in New Zealand by the Standards Council of New Zealand on 10 November 2014

The amendment to the Committee Representation, the title of Clause 3 in Contents, Foreword and Clause 3 take effect from the date of publication. Other parts of this amendment take effect two years from the date of publication.

Committee Representation

Replace the current text by the following.

Australian Industry Group

National Retailers Association (Australia)

Business New Zealand

Consumer Electronic Suppliers Association, Australia

Consumers' Federation of Australia

Electrical Regulatory Authorities, Australia

Electrical consultants

Engineers Australia

JAS-ANZ

Testing Interests New Zealand

WorkSafe, New Zealand

New Zealand Electric Fence Energizer Manufacturers' Standards Group

Contents

Replace the title of Clause 3 by the following:

Terms and definitions

ISBN 978-1-74342-903-7

Add the following Annex

Annex ZAU (normative) Evaporative coolers for installation in Australia

FOREWORD

Replace the text of the second paragraph by the following.

This Standard incorporates Amendment No. 1 (May 2009) and Amendment No. 2 (November 2014). The changes required by the amendments are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected. Where an application date other than immediate is applicable to an amendment the date of application (DOA) and the date of withdrawal (DOW) if relevant, is indicated by the marginal bar against the part affected.

1 Scope

Insert the following variation as a new third paragraph.

Additional requirements for evaporative coolers intended for installation in Australia are given in Annex ZAU.

3 Definitions

Replace the title of Clause 3 but not the clause number, by the following:

Terms and definitions

5 General conditions for the tests

5.7 *Delete the shaded text.*

11 Heating

11.8 *Delete shaded text.*

Annexes

Insert the following new Annex

Annex ZAU (normative)

Evaporative coolers for installation in Australia

The requirements in the main part of this standard along with the following additions to this standard are applicable to Evaporative coolers intended to be installed in Australia

2 Normative references

This clause of Part 1 is applicable except as follows.

Addition:

Methods for fire tests on building materials, components and structures
Part 8.1: Tests on elements of construction for buildings exposed to simulated bushfire attack—Radiant heat and small flaming sources

AS 1530.8.1

Fire dampers Part 1: Specification

AS 1682.1



Documents

Document Sharing Hub

3 Terms and definitions

3.A301

fire damper

movable closure in a duct or opening for the passage of air, which operates automatically to restrict the passage of fire or products of combustion past it

Note 1 to entry The term **fire damper** includes smoke damper.

5 General conditions for the tests

Add the following subclauses.

5.5 Addition:

For evaporative coolers supplied with a **fire damper**, the tests shall be conducted with the **fire damper** in the open position.

5.7 Addition:

For evaporative coolers, the tests of Clauses 10, 11 and 13 are carried out at an ambient temperature of $40\text{ }^{\circ}\text{C} \pm 2\text{ }^{\circ}\text{C}$.

5.9 Addition:

If a **fire damper** is required for the evaporative cooler to comply with this standard the **fire damper** shall be installed in accordance with the evaporative coolers installation instructions.

7 Marking and instructions

7.12.1 Addition:

For **fixed evaporative coolers** the instructions shall include the substance of the following:

WARNING If this evaporative cooler is installed in a BAL-12.5 to 29 area the evaporative cooler dropper duct and flashings shall be adequately sealed at the roof to prevent gaps greater than 3mm. The dropper duct and flashings shall be non-combustible.

If a **fire damper** is required for the evaporative cooler to comply with this standard the instructions shall include:

The substance of the following warning:

WARNING: If this evaporative cooler is installed in a BAL-12.5 to 29 area the evaporative cooler must be installed using XXX model YYY brand fire damper kit;

Details of where to purchase the relevant **fire damper**; and

Details of how to install the required **fire damper**.

11 Heating

11.8 Addition:

The temperature rise limits for evaporative coolers in Table 3 are reduced by 15 K

19 Abnormal operation

19.A301 Fixed evaporative coolers incorporating or being supplied with **fire dampers** are operated under the conditions of Clause 11. The **fire damper** is put in the closed position.

19.A302 Fixed evaporative coolers are tested under the conditions of AS 1530.8.1 with all accessories installed as per the installation instructions. The appliance is tested in the off position and the water tank is empty.

After this test if ignition of the evaporative cooler has occurred no material from the evaporative cooler shall breach the **fire damper** system.