

<sup>DUP</sup>  
Superseded by AS/NZS 3350.2.5:1995

Amendment 1 - Aug '95

~~STILL CURRENT~~

under Revision see DR 94369

AS 3184—1990

Amendment 2 - APR. 1997

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WITHDRAWN: 19971101

SUPERSEDED BY: AS/NZS 3350.2.5:1997

AmD 1 see DR 96473.

Australian Standard®

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**Approval and test specification—  
Electric dishwashing machines for  
household use**

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**STANDARDS AUSTRALIA** 

This Australian Standard was prepared by Committee EL/2, Electrical Approvals Standards. It was approved on behalf of the Council of Standards Australia on 19 July 1990 and published on 15 October 1990.

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The following interests are represented on Committee EL/2:

Australian Consumers Association  
Australian Electrical and Electronic Manufacturers Association  
Confederation of Australian Industry  
Consumer Electronics Suppliers Association  
Electrical Testing Laboratories  
Electricity Supply Association of Australia  
Institution of Engineers Australia

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DUP

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Amendment No. 2  
to  
AS 3184—1990  
Approval and test specification—Electric dishwashing machines for household use

REVISED TEXT

The 1990 edition of AS 3184 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This Amendment applies to Table 1 and Clause 21.8.

Published on 5 April 1997.

AMDT  
No. 2  
APR.  
1997

Page 6 Table 1

Delete Test No. 18 and replace with the following:

18 | Resistance to heat, fire and tracking | 21.8 herein

This Amendment forms part of the Specification on publication.

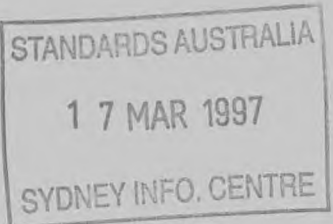
AMDT  
No. 2  
APR.  
1997

Page 8 Clause 21.8

Delete Clause 21.8 and replace with the following:

**21.8 Resistance to heat, fire and tracking** This test shall be carried out in accordance with the provisions of Section 6 of AS 3100. For the purposes of the tests of Clause 6.3, appliances are considered to be unattended.

This Amendment forms part of the Specification on publication.



STANDARDS AUSTRALIA

Amendment No. 1  
to  
AS 3184—1990  
Approval and test specification—  
Electric dishwashing machines for household use

REVISED TEXT

The 1990 edition of AS 3184 is amended as follows; the amendment should be inserted in the appropriate place.

*SUMMARY:* This Amendment applies to Clause 5.

Published on 5 August 1995.

AMDT  
No. 1  
AUG.  
1995

**Page 3 Clause 5**

*Delete* Item (c) and *substitute* the following:

- (c) A power supply cord which shall be assembled with the appliance by one of the following methods:
- (i) Type X attachment.
  - (ii) Type Y attachment.

**This Amendment forms part of the Specification on publication.**

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**Approval and test specification—  
Electric dishwashing machines for  
household use**

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First published 1972 AP.  
Second edition 1981.  
Third edition 1986.  
Fourth edition 1990.

## PREFACE

This Specification was prepared by the Standards Australia Committee on Electrical Approvals Standards to supersede AS 3184, *Electric dishwashing machines for household use*.

It is one of a series of Approval and Test Specifications issued by Standards Australia. These Specifications are accompanied by a general Specification AS 3100, containing definitions and general requirements for electrical equipment. The purpose of these Specifications is to outline conditions which must be met to secure approval for the sale and use of electrical equipment in Australia. Only safety matters and related conditions are covered.

This edition was published to incorporate into the Specification Amendment Nos 1 and 2 to AS 3184 and to effect changes to Clause 19 with regard to new marking requirements.

This Specification supersedes AS 3184—1986 from date of publication.

Standards Australia desires to call attention to the fact that this Specification does not purport to include all the necessary provisions of a contract.

## CONTENTS

	<i>Page</i>
1 SCOPE .....	3
2 APPLICATION .....	3
3 REFERENCED DOCUMENTS .....	3
4 DEFINITIONS .....	3
5 MEANS OF CONNECTION .....	3
6 FLEXIBLE CORD AND CONNECTING PLUG .....	4
7 EARTHING .....	4
8 DOUBLE INSULATION .....	4
9 EQUIPMENT WIRING .....	4
10 INSULATING MATERIAL .....	4
11 SAFEGUARDS AGAINST PERSONAL INJURY .....	4
12 SURFACE TEMPERATURE LIMITATIONS .....	4
13 THERMAL PROTECTION OF MOTORS .....	4
14 RADIO INTERFERENCE SUPPRESSION DEVICES .....	4
15 HEATING UNITS .....	4
16 TEMPERATURE CONTROL DEVICES .....	4
17 OVERHEATING PROTECTIVE DEVICES .....	5
18 SWITCHES .....	5
19 MARKING .....	5
20 RATING .....	5
21 TESTS .....	5

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# STANDARDS AUSTRALIA

## Australian Standard

### Approval and test specification—Electric dishwashing machines for household use

**1 SCOPE** This Specification specifies essential safety requirements for electric dishwashing machines, as defined in Clause 4.1, which are designed for operation at low or medium voltage and are intended primarily for household use.

For the purpose of this Specification an electric dishwashing machine is referred to as a 'dishwasher'.

## 2 APPLICATION

**2.1 General requirements of AS 3100** This Specification shall be read in conjunction with AS 3100, and the appropriate provisions of that Specification shall apply to the construction of the dishwasher and the insulation and safeguarding of parts which normally carry current.

**2.2 Specific requirements of this Specification** A dishwasher shall be deemed to comply with this Specification only if it complies with all the appropriate requirements of this Specification and passes the relevant tests specified herein.

**2.3 Requirements of other Specifications** Equipment and components, the function of which is likely to give rise to a hazard, incorporated in a dishwasher, shall comply with the appropriate Specification unless such requirements are varied herein.

**3 REFERENCED DOCUMENTS** The following documents are referred to in this Specification.

#### APPROVAL AND TEST SPECIFICATIONS

##### AS

- 3100 General requirements for electrical equipment
- 3109 Appliance couplers for household and similar general purposes
- 3109.1 General requirements
- 3121 Insulating mouldings
- 3133 Air break switches
- 3145 Radio interference suppression devices
- 3161 Thermostats and energy regulators
- 3191 Electric flexible cords

**4 DEFINITIONS** For the purpose of this Specification the definitions below apply:

**4.1 Electric dishwashing machine**—an appliance which is designed primarily for washing household dishware, glassware, cutlery or cooking utensils. It may also incorporate facilities for heating the washing water, and for rinsing and drying the wash load.

**4.2 Automatic dishwasher**—a dishwasher in which the sequence and period of the various operations can be pre-set and the whole cycle carried out automatically.

**4.3 Semi-automatic dishwasher**—a dishwasher in which the period or sequence of one or more of the operations can be controlled automatically, but which requires manual operation of a control device to complete the whole cycle of operations.

**4.4 Non-automatic dishwasher**—a dishwasher in which the sequence and period of the various operations are controlled manually.

**5 MEANS OF CONNECTION** The dishwasher shall be provided with one of the following means of connection to the supply:

- (a) A set of terminals for permanent connection to the fixed wiring in accordance with Clauses 4.3 and 4.9 of AS 3100.
- (b) A Group 1 or Group 2 appliance coupler complying with AS 3109.1. The inlet socket shall be located or shielded so as to be protected from any spillage which may occur in the normal use of the dishwasher.
- (c) A power supply cord which shall be assembled with the appliance by one of the following methods:
  - Type X attachment.
  - Type M attachment.
  - Type Y attachment.

Y

SEE AMENDMENT