



CSA C22.2 No. 60335-2-55:15

Household and similar electrical appliances — Safety — Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds

(IEC 60335-2-55:2002+A1:2008, MOD)

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Appareils électrodomestiques et analogues — Sécurité — Partie 2-55 : Règles particulières pour les appareils électriques à utiliser avec les aquariums et les bassins de jardin

(IEC 60335-2-55:2002+A1:2008, MOD)



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Household and similar electrical appliances —
Safety — Part 2-55: Particular requirements for
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CSA Preface

This is the first edition of CAN/CSA-C22.2 No. 60335-2-55, *Household and similar electrical appliances — Safety — Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds*, which is an adoption, with Canadian deviations, of the identically titled IEC (International Electrotechnical Commission) Standard 60335-2-55 (edition 2:2002 consolidated with Amendment 1:2008). It replaces the previous edition published in 2005 as CAN/CSA-E60335-2-55 (adopted IEC 60335-2-55:2002). It is one in a series of Standards issued by CSA Group under Part II of the *Canadian Electrical Code*.

For brevity, this Standard will be referred to as “CAN/CSA-C22.2 No. 60335-2-55” throughout.

This Standard is intended to be used in conjunction with CAN/CSA-C22.2 No. 60335-1-11, *Safety of household and similar appliances — Part 1: General requirements* (adopted IEC 60335-1:2001+A1:2004+A2:2006, with Canadian deviations).

This Standard is considered suitable for use for conformity assessment within the stated scope of the Standard.

This Standard was reviewed for Canadian adoption by the CSA Technical Committee on Consumer and Commercial Products, under the jurisdiction of the CSA Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the Technical Committee.

This Standard has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

Interpretations: The Strategic Steering Committee on Requirements for Electrical Safety has provided the following direction for the interpretation of standards under its jurisdiction: “The literal text shall be used in judging compliance of products with the safety requirements of this Standard. When the literal text cannot be applied to the product, such as for new materials or construction, and when a relevant committee interpretation has not already been published, CSA Group’s procedures for interpretation shall be followed to determine the intended safety principle.”

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- a) Standard designation (number);
- b) relevant clause, table, and/or figure number;
- c) wording of the proposed change; and
- d) rationale for the change.

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**Household and similar electrical appliances – Safety
Part 2-55: Particular requirements for electrical appliances for use with
aquariums and garden ponds**

**Appareils électrodomestiques et analogues – Sécurité –
Partie 2-55: Règles particulières pour les appareils électriques à utiliser avec les
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HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – SAFETY –

Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds

1 Scope

This clause of Part 1 is replaced by the following.

This International Standard deals with the safety of electric appliances for use with aquariums and garden ponds for household and similar purposes, their **rated voltage** being not more than 250 V.

NOTE 101 Examples of appliances within the scope of this standard are

- aerators;
- aquarium heaters;
- automatic food dispensers;
- sludge-suction appliances.

Appliances not intended for normal household use but that nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops and in light industry and farms, are within the scope of this standard.

As far as is practicable, this standard deals with the common hazards presented by appliances that are encountered by all persons in and around the home. However, in general, it does not take into account

- persons (including children) whose
 - physical, sensory or mental capabilities; or
 - lack of experience and knowledge
 prevents them from using the appliance safely without supervision or instruction;
- children playing with the appliance.

NOTE 102 Attention is drawn to the fact that

- for appliances intended to be used in vehicles or on board ships or aircraft, additional requirements may be necessary;
- in many countries additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour and similar authorities.

NOTE 103 This standard does not apply to

- pumps (IEC 60335-2-41);
- other portable immersion heaters (IEC 60335-2-74);
- luminaires for aquariums and garden ponds (IEC 60598-2-18);
- appliances intended for outdoor use having a **rated power input** exceeding 100 W;
- appliances intended exclusively for professional use;
- appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas).

2 Normative references

This clause of Part 1 is applicable.