

INTERNATIONAL STANDARD

IEC 60335-2-71

2002

AMENDMENT 1
2007-03

Amendment 1

Household and similar electrical appliances – Safety –

Part 2-71: Particular requirements for electrical heating appliances for breeding and rearing animals

*This **English-language** version is derived from the original **bilingual** publication by leaving out all French-language pages. Missing page numbers correspond to the French-language pages.*

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FOREWORD

This amendment has been prepared by sub-committee 61H: Safety of electrically-operated farm appliances, of IEC technical committee 61: Safety of household and similar electrical appliances.

The text of this amendment is based on the following documents:

CDV	Report on voting
61H/235/CDV	61H/240/RVC

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

INTRODUCTION

Replace the second sentence of the second paragraph by the following:

It also covers abnormal situations that can be expected in practice and takes into account the way in which electromagnetic phenomena can affect the safe operation of appliances.

Replace the fifth paragraph by the following:

When a part 2 standard does not include additional requirements to cover hazards dealt with in Part 1, Part 1 applies.

NOTE 1 This means that the technical committees responsible for the part 2 standards have determined that it is not necessary to specify particular requirements for the appliance in question over and above the general requirements.

This standard is a product family standard dealing with the safety of appliances and takes precedence over horizontal and generic standards covering the same subject.

NOTE 2 Horizontal and generic standards covering a hazard are not applicable since they have been taken into consideration when developing the general and particular requirements for the IEC 60335 series of standards. For example, in the case of temperature requirements for surfaces on many appliances, generic standards, such as ISO 13732-1 for hot surfaces, are not applicable in addition to Part 1 or part 2 standards.

2 Normative references

Add the following:

ISO 3864-1, *Graphical symbols – Safety colours and safety signs – Part 1: Design principles for safety signs in workplaces and public areas*

6 Classification

6.2 Addition:

Replace the first paragraph of the addition, by the following:

Heating appliances, other than **heat-radiating appliances**, that are operated at floor level in normal use or are intended to be operated less than 500 mm above the floor shall be IPX7.

7 Marking and instructions

7.1 Addition:

Replace the first dash item of the first paragraph, by the following:

- WARNING: Fire risk or with the “Caution, risk of fire” symbol;

Replace the third dash item of the second paragraph, by the following:

- “Do not cover” or with symbol IEC 60417-5641 (2002-10) combined with the prohibition sign of ISO 3864-1, except for colours.

In the last dash item of the second paragraph, replace “1641 of ISO 7000” by “ISO 7000-0790”.

Replace the third paragraph, by the following:

Chicken breeding units and **electrical sitting-hens** shall be marked “Do not cover” or with symbol IEC 60417-5641 (2002-10) combined with the prohibition sign of ISO 3864-1, except for colours.

In the last dash item of the last paragraph, replace “1641 of ISO 7000” by “ISO 7000-0790”.

7.6 Addition:

Replace the existing text by the following:

Add the following symbols:



Do not cover

NOTE This symbol incorporates symbol IEC 60417-5641(2002-10) combined with the prohibition sign of ISO 3864-1, except for colours.



Caution, risk of fire

7.12 Addition:

Replace the first paragraph by the following:

If symbol ISO 7000-0790 or the “Do not cover” symbol or the “Caution, risk of fire” symbol are marked on the appliance, its meaning shall be explained in the instructions.

Add the following:

Modification:

The instructions concerning persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge and children playing with the appliance are not required.

7.15 Replace this subclause by the following:

7.14 Addition:

Markings required by the addition to 7.1 shall have a height not less than:

- 5 mm for headlines,
- 3 mm for other lettering.

The height of the “Do not cover” symbol shall be at least 15 mm.

The perpendicular height of the triangle of the symbol indicating “Caution, risk of fire” shall be at least 15 mm.

7.15 Addition:

The markings concerning covering and risk of fire shall be visible after the heater has been installed.

21 Mechanical strength

Replace the “Modification:” by the following:

21.1 Modification:

The impact energy is increased to 1 J.