

# INTERNATIONAL STANDARD

# IEC 60335-2-66

1993

AMENDMENT 1  
2000-08

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Amendment 1

**Safety of household and similar electrical  
appliances –**

**Part 2-66:  
Particular requirements for electrical water-bed  
heaters**

*Amendement 1*

*Sécurité des appareils électrodomestiques et analogues –*

*Partie 2-66:  
Règles particulières pour les dispositifs de chauffage  
pour matelas à eau*

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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

PRICE CODE

**C**

*For price, see current catalogue*

## FOREWORD

This amendment has been prepared by IEC technical committee 61: Safety of household and similar electrical appliances.

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

|              |                  |
|--------------|------------------|
| FDIS         | Report on voting |
| 61/1877/FDIS | 61/1896/RVD      |

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

A bilingual version of this amendment may be issued at a later date.

## FOREWORD

*Add the following to the list of differences existing in some countries:*

- 2.2.9: The conditions for normal operation are different (USA).

## 2 Definitions

**2.2.9** *Replace the text by:*

### **normal operation**

operation of the appliance after the heater has been installed under a water mattress, taking into account the instructions for installation.

The appliance is supported by an appropriately sized wooden base. The top of the base consists of plywood approximately 13 mm thick and is supported 150 mm above the floor by pinewood boards approximately 20 mm thick. The boards are assembled to form a rectangular framework which includes a longitudinal and two transverse members to produce six approximately equal sections.

The wooden base is completely covered by a sheet of open-cell polyether approximately 25 mm thick. The polyether has the following specifications:

- cell count:  $18 \begin{smallmatrix} +2 \\ 0 \end{smallmatrix}$  per cm;
- specific mass:  $30 \text{ kg/m}^3 \begin{smallmatrix} +10 \\ 0 \end{smallmatrix}$  %;
- hardness: 120 N to 170 N at 40 % impression, measured according to ISO 2439.

NOTE 1 This polyether sheet is omitted if the instructions for installation state that the heater is unsuitable for use on a soft support.

NOTE 2 Additional material is placed on the polyether sheet if this is stated in the instructions for installation.