

INTERNATIONAL STANDARD

IEC
60335-2-21

1997

AMENDMENT 1
1999-11

Amendment 1

Safety of household and similar electrical appliances –

Part 2-21: Particular requirements for storage water heaters

Amendement 1

Sécurité des appareils électrodomestiques et analogues –

Partie 2-21: Règles particulières pour les chauffe-eau à accumulation

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Commission Electrotechnique Internationale
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Международная Электротехническая Комиссия

PRICE CODE

D

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	Rapport de vote
61/1648/FDIS	61/1744/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.

2 Definitions

Add the following:

2.107

low pressure water heater

storage water heater which is vented to the atmosphere and intended to be connected to the water mains through a pressure reducing valve, the flow of water being controlled by one or more valves in the outlet system

7 Marking and instructions

7.1 In the fourth paragraph, after "0,6 MPa", add:

and **low pressure water heaters**

7.12.1 In the fourth paragraph, after "cistern-fed water heaters", add:

and **low pressure water heaters**

19 Abnormal operation

19.1 In the second paragraph, replace the types of water heaters specified by:

For **closed water heaters**, **low pressure water heaters** and **open-outlet water heaters**,

19.102 Delete this subclause.

22 Construction

22.101 *In the second paragraph, after "**closed water heaters**", add:*

*and **low pressure water heaters***

22.102 *In the second dashed item, after "**cistern-fed water heaters**", add:*

*and **low pressure water heaters**;*

22.104 *Delete the compliance sentence after the first paragraph.*

Add the following:

The vent pipe of **low pressure water heaters** shall have an internal diameter of at least 20 mm.

24 Components

Add the following:

24.1.1 *Addition:*

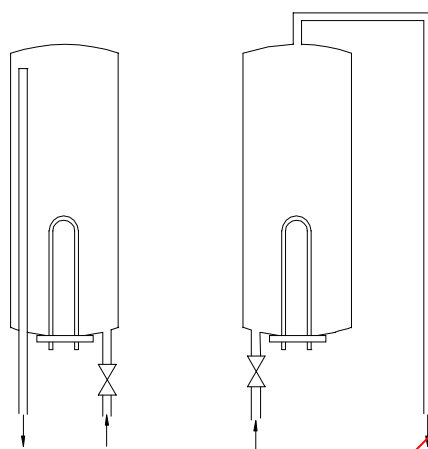
***Thermal cut-outs** incorporated in **closed water heaters** shall comply with the requirements of IEC 60730-1 for type 2B controls, unless they are tested with the appliance.*

24.1.2 *Addition:*

*For **thermal cut-outs** incorporated in **closed water heaters**, clauses 13, 15, 16, 17 and 20 of IEC 60730-1 apply as specified for type 2B controls.*

Figure 101

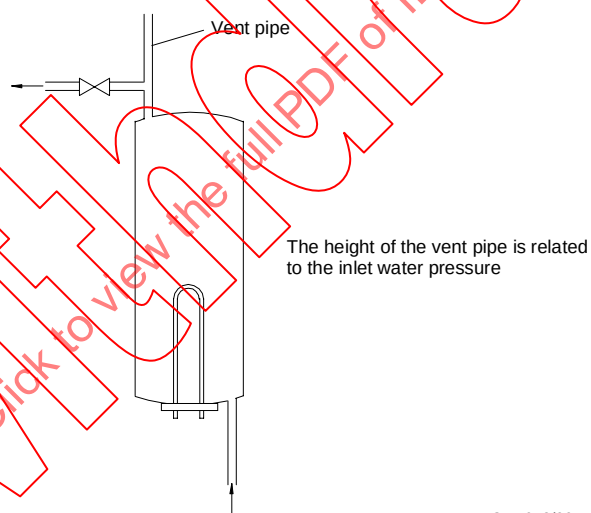
Replace figure d) by:



IEC 1652/99

d) Open-outlet water heater

Add the following as figure e):



IEC 1653/99

e) Low pressure water heater