

**Household and similar electrical appliances – Safety –  
Part 2-40: Particular requirements for electrical heat pumps,  
air-conditioners and dehumidifiers**

**CORRIGENDUM 1**

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**7 Marking and instructions**

**7.1**

*In the third paragraph, instead of:*

If a flammable refrigerant is used, the symbols for reading the user manual, the repair manual and the installation manual (symbols 3084, 3038 and 1785 of ISO 7000) shall be placed on the appliance in a location visible to the persons required to know the information. The perpendicular height shall be at least 10 mm.

*read:*

If a flammable refrigerant is used, the symbols for “read operator’s manual”, “operator’s manual; operating instructions” and “service indicator, read technical manual” (symbols 0790, 1641 and 1659 of ISO 7000) shall be placed on the appliance in a location visible to the persons required to know the information. The perpendicular height shall be at least 10 mm.

**7.6**

*In the second paragraph, instead of:*

When a **flammable refrigerant** is employed, a symbol requiring reference to the manual [B.3.2 of ISO 3864], including colour and format, shall be permanently placed on the appliance.

*read:*

When a **flammable refrigerant** is employed, a symbol requiring reference to the manual [0790 of ISO 7000], including colour and format, shall be permanently placed on the appliance.

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### DD.3.2

*In the note, instead of:*

NOTE The manufacturer shall specify other potential continuously operating sources known to cause ignition of the refrigerant used.

*read:*

NOTE The manufacturer should specify other potential continuously operating sources known to cause ignition of the refrigerant used.

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### FF.2.3

*In the note, instead of:*

NOTE If a zeotropic blend is used, the test shall be conducted maintaining the composition within a reasonable range. Liquid phase of the blend may be extracted from the bottle then evaporated. Gas phase release with the pressure regulator from a large mixed gas tank is the best method.

*read:*

NOTE If a zeotropic blend is used, the test is conducted maintaining the composition within a reasonable range. Liquid phase of the blend may be extracted from the bottle then evaporated. Gas phase release with the pressure regulator from a large mixed gas tank is the best method.

### FF.2.4

*In Notes 3 and 4, instead of:*

NOTE 3 The instrument used for monitoring the refrigerant gas concentration should have a fast response to the gas concentration, typically 2 s to 3 s and shall be located so as to not unduly influence the results of the test.

NOTE 4 If gas chromatography is used to measure the refrigerant gas concentrations the gas sampling in confined areas shall occur at a rate not exceeding 2 ml in every 30 s.

*read:*

NOTE 3 The instrument used for monitoring the refrigerant gas concentration should have a fast response to the gas concentration, typically 2 s to 3 s and should be located so as to not unduly influence the results of the test.

NOTE 4 If gas chromatography is used to measure the refrigerant gas concentrations the gas sampling in confined areas should not exceed 2 ml in every 30 s.

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### G.1.2

*In Note 2, instead of:*

NOTE 2 The method to determine the LFL of a blend refrigerant is under consideration by ASHRAE 34 [ISO 817]. The LFL of a refrigerant not included in ANNEX BB shall be referred to ASHRAE 34 [ISO 817].

*read:*

NOTE 2 The method to determine the LFL of a blend refrigerant is under consideration by ASHRAE 34 [ISO 817]. For the LFL of a refrigerant not included in ANNEX BB, it must be referred to ASHRAE 34 [ISO 817].

**GG.2 Requirements for charge limits in unventilated areas**

*In the third line, instead of:*

$$-m_1 < M \leq m_2:$$

*read:*

$$m_1 < M \leq m_2:$$

*In Note 1, instead of:*

42 kg/mol

*read:*

42 kg/kmol

**GG.6 Requirements for refrigeration systems employing secondary heat exchangers**

*In the note, instead of:*

NOTE Warnings shall be given concerning procedures that could lead to freeze damage, for example adding or removing the refrigerant in liquid phase from a heat exchanger containing standing water.

*read:*

NOTE Warnings should be given concerning procedures that could lead to freeze damage, for example adding or removing the refrigerant in liquid phase from a heat exchanger containing standing water.