



Corrigendum to EN 60335-2-27:2013

English version

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*Add the following Common Modifications*

## **1 Modification to introduction**

*Add the following:*

This Corrigendum supplements or modifies the corresponding clauses of the standards below:

- EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019+A15:2021 (Part 1)
- EN 60335-2-27:2013+A1:2020+A2:2020 (Part 2)

## **2 Modification to the clause "1 Scope"**

*Replace the second and third paragraphs with the following:*

This European Standard deals with the safety of **electric appliances for skin exposure to ultraviolet and infrared radiation**, their maximum **rated voltages** being not more than 250 V for single phase and 480 V for all others.

NOTE Z101 Examples of appliance for household environment are appliances for typical housekeeping functions used in the household environment and appliances for typical housekeeping functions used by non-expert users:

- in shops, offices and other similar working environments;
- in farm houses;
- by clients in hotels, motels and other residential type environments;
- in bed and breakfast type environments.

NOTE Z102 Household environment includes the dwelling and its associated buildings, the garden, etc.

Appliances and machines intended to be used in household, commercial applications, in shops, in light industry and on farms, are within the scope of this standard.

Additional requirements for appliances and machines with motorised parts intended for commercial use are given in Annex ZE.

### 3 Modification to the clause "32 Radiation, toxicity and similar hazards"

#### 32.101

*Replace the first paragraph by :*

**UV appliances** shall not emit radiation having a total **effective irradiance** exceeding 0,3 W/m<sup>2</sup> weighted according to the erythema action spectrum of Figure 103.

Appliances shall comply with the values specified in Table BB.1.

*Delete the paragraph between Note 4 and Note 5.*

### 4 Modification to the Annexes:

#### **Annex BB** (normative)

#### **Detailed classification of UV appliances**

#### **BB.3 Effective irradiance**

*Replace Table BB.1 and Note 101 by :*

**Table BB.1 – Limits of effective irradiance**

<b>UV type appliance</b>	<b>Effective irradiance</b>	
	<b>W/m<sup>2</sup></b>	
	<b>250 nm &lt; <math>\lambda</math> ≤ 320 nm</b>	<b>320 nm &lt; <math>\lambda</math> ≤ 400 nm</b>
1	< 0,000 1	≥ 0,15
2	0,000 1 to 0,15	≥ 0,15
3	< 0,15	< 0,15
4	≥ 0,15	< 0,15
$\lambda$ is the wavelength of the radiation.		

NOTE Z101: The total effective irradiance should not exceed 0,3W/m<sup>2</sup> (cf. Subclause 32.101)

**Annex ZE**  
(normative)

**Specific additional requirements for appliances with motorized parts**

*Annex ZE of Part 1 is applicable with the following modifications:*

**1 Scope**

*Add the following after the last paragraph:*

Annex ZE deals with additional requirements concerning appliances and machines with motorized parts.

Products covered by this standard do not create a noise hazard; therefore no specific provisions concerning noise are given.

**2 Normative references**

This clause of Annex ZE of Part 1 is applicable.

**3 Terms and definitions**

This clause of Annex ZE of Part 1 is applicable.

**4 General requirement**

This clause of Annex ZE of Part 1 is applicable.

**7 Marking and instructions**

**7.12**

This clause of Annex ZE of Part 1 is applicable except as follows:

**7.12.ZE1**

*Replace the sixth dashed item by the following:*

- that the A-weighted sound pressure level is below 70 dB(A).

**19 Abnormal operation**

This clause of Annex ZE of Part 1 is applicable.

**20 Stability and mechanical hazards**

This clause of Annex ZE of Part 1 is applicable.

**21 Mechanical strength**

This clause of Annex ZE of Part 1 is applicable.

**22 Construction**

This clause of Annex ZE of Part 1 is applicable except as follows.

**22.ZE.6**

*Replace the second paragraph of the compliance clause by:  
The guard is opened at the extent needed to cause the interlocking to operate and is then closed.  
This operation is carried out for 5 000 cycles at a rate of 5 cycles per min.*

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