



SLOVENSKI STANDARD
oSIST prEN 1116:2016

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Pohištvo - Kuhinjsko pohištvo - Koordinacijske mere za kuhinjsko pohištvo in kuhinjske aparate

Furniture - Kitchen furniture - Coordinating sizes for kitchen furniture and kitchen appliances

Möbel - Küchenmöbel - Koordinationsmaße für Küchenmöbel und Küchengeräte

Ameublement - Meubles de cuisine - Dimensions de coordination pour meubles de cuisine et appareils ménagers

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English Version

Furniture - Kitchen furniture - Coordinating sizes for kitchen furniture and kitchen appliances

Möbel - Küchenmöbel - Koordinationsmaße für
Küchenmöbel und Küchengeräte

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 207.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (prEN 1116:2016) has been prepared by Technical Committee CEN/TC 207 “Furniture”, the secretariat of which is held by UNI.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 1116:2004.

Compared to EN 1116:2004 the following changes were made:

- a) new terms and definitions and new figures added;
- b) content technically revised.

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prEN 1116:2016 (E)**1 Scope**

This European Standard specifies co-ordinating sizes for kitchen units, worktops, recess panelling, furniture fronts and decorative panels as well as for kitchen appliances (white goods and ovens) and further installation elements, e.g. sinks (abbreviated as “appliances”).

It specifies dimensions for the height, the width, the depth and the space to integrate appliances in kitchen units.

This European Standard does not apply to kitchens used commercially (e.g. in hotels, restaurants).

2 Normative references

Not applicable.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1 Worktop**3.1.1****height of worktop**

vertical distance from the floor to the top of the worktop

Note 1 to entry: See Figure 1, h_1 .

3.1.2**depth of worktop**

horizontal distance from the front edge to the rear edge of the worktop

Note 1 to entry: See Figure 2, l_1 .

3.1.3**depth of working area**

horizontal distance from the front edge of the worktop to the wall attachment

Note 1 to entry: A wall attachment is typically recess panelling or wall end profiles. See Figure 2, l_5 .

3.1.4**overhang of the worktop**

horizontal distance from the front edge of the worktop to the face of the front of the kitchen unit or the front of the appliance, measured at right angles to the front of the kitchen unit

Note 1 to entry: See Figure 2, l_2 .

3.1.5**distance between cooking plate and extractor hood**

vertical distance from the upper surface of the pan base to the lower edge of the extractor hood

Note 1 to entry: See Figure 1, h_{10} .

3.2 Kitchen unit

3.2.1

unit

piece of storage furniture

[SOURCE: EN 14749:2016, 3.1]

3.2.2

free standing kitchen unit

unit not intended to be attached to a load bearing structure

3.2.3

floor standing kitchen unit

unit intended to be supported by the floor

3.2.4

wall hanging kitchen unit

unit intended to be entirely supported by a vertical structure

3.2.5

installation height of the floor standing kitchen unit

vertical clear distance from the floor to the bottom of the worktop

Note 1 to entry: See Figure 1, h_2 .

3.2.6

height of the kitchen unit

distance from the top surface of the kitchen unit to the underside of the kitchen unit

Note 1 to entry: See Figure 1, h_3 .

3.2.7

total depth of the kitchen unit

horizontal distance from the front face to the rear edge of the kitchen unit excluding protruding parts

Note 1 to entry: Protruding parts are e.g. handles, knobs or operating elements.

Note 2 to entry: See Figure 2, l_3 .

3.2.8

depth of the kitchen unit

horizontal distance from the front edge of the kitchen unit to the rear edge of the kitchen unit

Note 1 to entry: See Figure 2, l_4 .

3.2.9

height of the feet/plinth

vertical distance from the surface of the floor to the underside of the kitchen unit

Note 1 to entry: The base height is not identical to the base panelling height (see Figure 1, h_8).

Note 2 to entry: See Figure 1, h_4 .

prEN 1116:2016 (E)**3.2.10****feet recess**

horizontal distance from the kitchen unit front edge to the front of the feet

Note 1 to entry: See Figure 2, l_6 .

3.2.11**plinth recess**

horizontal distance from the front edge of the kitchen unit front to the front edge of the plinth

Note 1 to entry: See Figure 2, l_7 .

3.2.12**decorative panel**

component intended to adapt a built-in or built-under appliance to match the frontal design of the adjacent kitchen furniture

Note 1 to entry: See Figure 1, h_5 .

3.2.13**front height for dishwashers**

vertical distance from the underside of the worktop to the lower edge of the decorative panel

Note 1 to entry: See Figure 1, h_6 .

3.3 Recess for appliances**3.3.1****appliance/furniture space**

open space formed by furniture and/or appliance into which appliance or furniture are intended to be inserted

3.3.2**opening for appliance**

opening or cut-out in a unit or a worktop which is intended for the installation of a built-in appliance or sink

3.3.3**protective wall panelling**

decorative design element for the rear delimitation of the wall, generally between the top of the worktop and the bottom of the upper cabinet

Note 1 to entry: See Figure 1, h_9 .

3.3.4**installation opening**

cut-out in furniture for installation elements

Note 1 to entry: A cut-out in furniture is e.g. a cut-out in a worktop.

Note 2 to entry: Installation elements are e.g. fitted sink, cooking hob, waste separating systems.

3.3.5**adjusting area depth**

horizontal distance from the body front edge to the rear edge of the rear appliance adjusting feet

Note 1 to entry: See Figure 2, l_8 .

3.4 Decorative panel**3.4.1****decorative panel**

front element enclosed by a decorative frame, which is suitable for the adaptation of appliances to the design of the surrounding or adjoining furniture fronts in terms of size, material and colour

3.4.2**dimensions of decorative panel**

height and depth of the decorative panel excluding the decorative frame

Note 1 to entry: See Figure 4.

3.4.3**thickness of decorative panel**

horizontal dimension of the decorative panel, measured at right angles to the front of the appliance

Note 1 to entry: Where decorative frames (clamping frames) are used, a distinction is made between the clamping thickness t_1 and the overall thickness t_2 (see Figure 4, t_1 and t_2).

3.5 Appliance definitions**3.5.1****built-in appliance**

appliance with width, depth and height correspond to the nominal cabinet inner dimension

Note 1 to entry: See Figure 3, w_1 . See Table 1.

3.5.2**built-under appliance**

appliance with width, depth and height correspond to the nominal cabinet outer dimension

Note 1 to entry: See Figure 3, w_1 and w_3 . See Table 1.

3.5.3**installation element**

functional components of a kitchen, which require an installation opening

EXAMPLE Fitted sink, cooking hood, waste separating systems.

4 Co-ordinating sizes for furniture and appliances**4.1 General**

Only such height, depth and width dimensions are specified, which are necessary for coordination between the furniture and appliance, otherwise other dimensions can also be selected.

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Furniture: The widths, heights and depths of installation openings and recesses indicated in 4.2, 4.3 and 4.4 shall have only plus deviations.

Appliances: The external widths, heights and depths as specified in Table 1 and Table 2 for the recess/installation opening shall have only minus deviations relative to the nominal dimensions. The location and dimensions of the installation openings for an installation element (e.g. a fitted sink in a worktop), the necessary space and the required safety distances shall be according to the installation instructions of the appliance manufacturers.

4.2 Height

4.2.1 Height of the worktop

The height of the worktop shall be 850^{+50}_0 mm or 900^{+50}_0 mm or 950^{+50}_0 mm (see Figure 1, h_1).

It does not apply to height adjustable worktops.

Consider the intended user population when selecting the height of the worktop.

NOTE People with special needs could require different heights of the worktop.

4.2.2 Height of the recess for built-under appliances

The height of the recess for a built-under appliance shall be min. 820 mm or min. 870 mm or min. 920 mm or adjustable (see Figure 1, h_2).

It does not apply to height adjustable worktops.

