



SLOVENSKI STANDARD

SIST EN 1116:2004

01-december-2004

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SIST EN 1116:1996

Kuhinjsko pohištvo - Koordinacijske mere za kuhinjsko pohištvo in kuhinjske aparate

Kitchen furniture - Co-ordinating sizes for kitchen furniture and kitchen appliances

Küchenmöbel - Koordinationsmaße für Küchenmöbel und Küchengeräte

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

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ICS:

97.040.10 Kuhinjsko pohištvo Kitchen furniture

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 1116

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English version

Kitchen furniture - Co-ordinating sizes for kitchen furniture and kitchen appliances

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This European Standard was approved by CEN on 1 April 2004.

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. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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Contents

	page
Foreword.....	3
1 Scope	4
2 Terms and definitions	4
3 Co-ordinating sizes for kitchen furniture and kitchen appliances	5
3.1 General.....	5
3.2 Height.....	5
3.2.1 Working height.....	5
3.2.2 Floor unit and built-under appliance	5
3.3 Depth.....	6
3.3.1 Worktop	6
3.3.2 Floor unit and built-under appliance	6
3.3.3 Wall unit	6
3.4 Width	7
4 Co-ordinating sizes for appliances openings.....	8
4.1 Opening in a unit.....	8
4.1.1 Height.....	8
4.1.2 Depth.....	8
4.1.3 Width.....	9
4.2 Opening for an appliance or sink in a worktop	9
5 Co-ordinating sizes for decorative panels.....	10
6 Installation of appliances.....	10

Foreword

This document (EN 1116:2004) has been prepared by Technical Committee CEN /TC 207, "Furniture", the secretariat of which is held by UNI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2004, and conflicting national standards shall be withdrawn at the latest by December 2004.

This document supersedes EN 1116:1995.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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EN 1116:2004 (E)**1 Scope**

This European Standard contains co-ordinating sizes for kitchen furniture including worktops as well as for kitchen appliances, sinks and decorative panels. For convenience, in this standard the terms "furniture" and "appliance" are used for "kitchen furniture" and "kitchen appliance".

It defines dimensions for the height, the width, the depth and the space to enable furniture, appliances, sinks and decorative panels to fit together as elements of kitchen equipment.

This European Standard does not apply to catering equipment.

2 Terms and definitions

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

2.1**working height**

vertical distance between the floor and the top of the worktop (see Figure 1, h_1)

2.2**height of floor unit and built-under appliance**

vertical clear distance from the floor to the underside of the worktop (see Figure 1, h_2)

NOTE

The minimum distance between worktop and the underside of the wall hanging cabinet is not specified.

2.3**depth of worktop**

horizontal distance between the front and the rear edge of the worktop (see Figure 2, l_1)

2.4**depth of worktop overhang**

horizontal distance between the front of the unit/appliance and the vertical line from the front edge of the worktop (see Figure 2, l_2)

2.5**depth of floor unit and built-under appliance**

horizontal distance between the front surface, including doors and drawer fronts but excluding any protruding elements such as handles, and the rear of the unit/appliance (see Figure 2, l_3 and Figure 3, l_3 , l_4)

2.6**appliance/furniture space**

open space formed by furniture and/or appliances into which appliances or furniture may be inserted

2.7**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

2.8**decorative panel**

component intended by its size, material and colouring to adapt a built-in or built-under appliance to match the frontal design of the adjacent kitchen furniture

2.9**height of decorative panel**

vertical dimension of the decorative panel including the clamping frame; see Figure 5 if used

2.10**width of decorative panel**

horizontal dimension of the decorative panel including the clamping frame; see Figure 5 if used

2.11**thickness of decorative panel**

horizontal dimension of the decorative panel when it is measured at right angles to the front face of the appliance. Where clamping frames are used, a distinction is made between the clamping thickness, t_1 , and the overall thickness, t_2 (see Figure 5).

3 Co-ordinating sizes for kitchen furniture and kitchen appliances**3.1 General**

Only plus deviations are admissible for the width and the height of an appliance/furniture opening or space.

Only minus deviations are admissible for the external width and the height of accessories and appliances.

3.2 Height**3.2.1 Working height**

The working height, (see Figure 1, h_1) shall be one of the following reference heights in millimetres:

$$800 \begin{smallmatrix} + 50 \\ 0 \end{smallmatrix}; 850 \begin{smallmatrix} + 50 \\ 0 \end{smallmatrix}; 900 \begin{smallmatrix} + 50 \\ 0 \end{smallmatrix}; 950 \begin{smallmatrix} + 50 \\ 0 \end{smallmatrix}$$

For a built-in hob/platform in a worktop, the clear height measured vertically downwards from the top surface of the worktop, shall be not less than 30 mm.

NOTE 1 The purpose of specifying a series of dimensions for the working height is to allow adaption of the working height to the requirements of the individual user (different body height, different functional heights of appliances).

NOTE 2 A lower working height may be required. This can be achieved by fixing the working height in steps of 50 mm or making it adjustable.

3.2.2 Floor unit and built-under appliance

The co-ordinating dimension for the height of a floor unit or a built-under appliance, (see Figure 1, h_2) shall be at least one of the following heights in millimetres or adjustable (see also Note 2, clause 3.2.1):

$$770; 820; 870; 920.$$

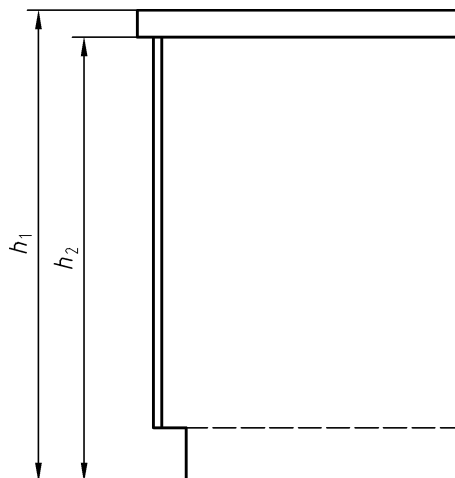


Figure 1 — Heights of furniture/appliance (side view)

3.3 Depth

3.3.1 Worktop

The depth of a worktop, l_1 , including edging and wall attachment, shall be not less than 600 mm (see Figure 2).

NOTE The depth of the worktop overhang, l_2 , should not exceed 30 mm (see Figure 2).

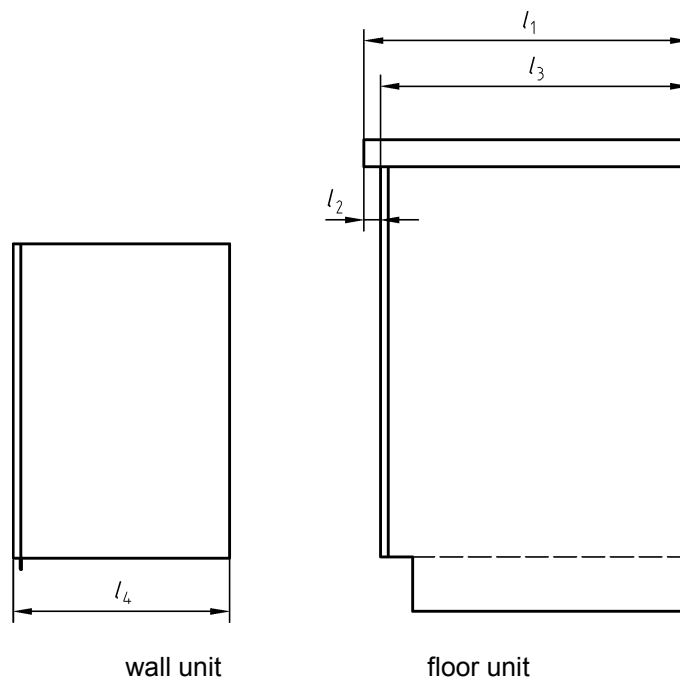
3.3.2 Floor unit and built-under appliance

The depth of a floor unit or a built-under appliance, l_3 , shall not exceed the depth of the worktop (see Figures 2 and Figure 3).

NOTE In 3.3.1 and 3.3.2 only those depths are specified which are necessary for relating sizes of units and worktops to sizes of appliances. In situations where co-ordination between appliances and furniture is not needed, other depths may be used.

3.3.3 Wall unit

The depth of a wall unit, l_4 , shall not exceed 400 mm (see Figures 2 and Figure 3).



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Figure 2 — Depths of furniture/appliances (side view)

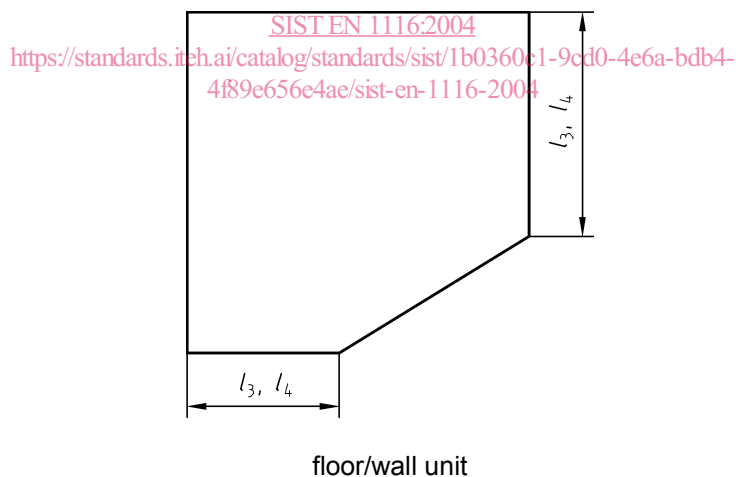


Figure 3 — Measurement of the depth of a corner unit (top view)

3.4 Width

With the exception of 450 mm the width shall be in increments of 100 mm, starting from zero.

NOTE In practice, the size 450 mm is also used.