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International Standard 3055

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Kitchen equipment — Coordinating sizes

Équipement de cuisine — Dimensions de coordination

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 3055 was prepared by Technical Committee ISO/TC 59, *Building construction*.

ISO 3055 was first published in 1974. This second edition cancels and replaces the first edition, to which new annexes have now been added.

Kitchen equipment — Coordinating sizes

0 Introduction

The purpose of standardization of kitchen equipment is to allow components to be combined in arrangements which are harmonious and rational, due account being taken of ergonomic and economic considerations.

To this end, the following aspects have to be considered:

- the sizes of component parts;
- the specific areas of each item of equipment, taking into account the possibility of their complete or partial overlapping;
- the location of pipes (water, gas, drainage, electricity);
- the combinations of components.

This International Standard has been prepared according to the principles of modular coordination in building.

1 Scope

This International Standard defines sizes for components of kitchen equipment in dwellings.

It also specifies, in annex A, the sizes of zones for hot and cold water and waste and gas pipes in kitchen cabinets and certain appliances.

General guidance on the planning of domestic kitchens is given, for information only, in annex B.

2 Field of application

This International Standard applies, according to the principles of modular coordination in building, to all components of kitchen equipment, for example cabinets, work-tops, sink units and appliances.

3 References

ISO 5731, *Kitchen equipment — Limit of size.*

ISO 5732, *Kitchen equipment — Sizes of openings for built-in appliances.*

4 Coordinating sizes (see figure 1)

4.1 Heights

A — Work-top level: 9 **M** or 8,5 **M**¹⁾

B — Plinth

— for work-top level 9 **M**: 1,5 **M**

— for work-top level 8,5 **M**: 1 **M**

C — Clear height from floor to underside of wall unit²⁾: 13 **M** minimum + $n \times \mathbf{M}$

D — Height of tall units and tops of wall units: 19 **M** minimum + $n \times \mathbf{M}$

Preferred height: 21 **M**

4.2 Depths³⁾

E — Work-tops, floor units and tall units: 6 **M**

F — Wall units: 3 **M** or 3,5 **M**

4.3 Widths

Widths of all components shall be multiples of **M**.

Components of different sizes can be combined.

1) **M** is the symbol for the basic module, defined in ISO 1006, *Building construction — Modular coordination — Basic module*, and is equal to 100 mm.

2) Reserved zone for lighting or other attachments, if any should be included in the wall unit space.

3) Only handles or switches may project.