

TECHNICAL REPORT

IEC
61902

First edition
1998-09

Household microwave ovens – Visual clarity of see-through oven doors

*Fours domestiques à micro-ondes –
Transparence optique des portes de fours à fenêtre*

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Reference number
IEC 61902:1998(E)

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* See web site address on title page.

TECHNICAL REPORT – TYPE 2

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International Electrotechnical Commission
Telefax: +41 22 919 0300

3, rue de Varembé Geneva, Switzerland
e-mail: inmail@iec.ch IEC web site <http://www.iec.ch>



Commission Electrotechnique Internationale
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PRICE CODE

M

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

HOUSEHOLD MICROWAVE OVENS – VISUAL CLARITY OF SEE-THROUGH OVEN DOORS

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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- type 3, when a technical committee has collected data of a different kind from that which is normally published as an International Standard, for example "state of the art".

Technical reports of types 1 and 2 are subject to review within three years of publication to decide whether they can be transformed into International Standards. Technical reports of type 3 do not necessarily have to be reviewed until the data they provide are considered to be no longer valid or useful.

IEC 61902, which is a technical report of type 2, has been prepared by subcommittee 59H: Microwave ovens, of IEC technical committee 59: Performance of household electrical appliances.

The text of this technical report is based on the following documents:

Committee draft	Report on voting
59H/75/CDV	59H/87/RVC

Full information on the voting for the approval of this technical report can be found in the report on voting indicated in the above table.

This document is being issued in the type 2 technical report series of publications (according to subclause G.3.2.2 of part 1 of the IEC/ISO Directives) as a “prospective standard for provisional application” in the field of household electrical appliances, because there is an urgent need for guidance on how standards in this field should be used to meet an identified need.

This document is not be regarded as an “International Standard”. It is proposed for provisional application so that information and experience of its use in practice may be gathered. Comments on the content of this document should be sent to the IEC Central Office.

A review of this type 2 technical report will be carried out not later than three years after its publication, with the options of: extension for a further three years; conversion into an International Standard; or withdrawal.

Annex A is for information only.

INTRODUCTION

After a general description of the concept of visual clarity and the reasons for considering it as a performance factor, the ambient conditions are discussed. The proposed measurements and evaluations are then described. Finally, some technical test results and comparisons with panel testing results are given.

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