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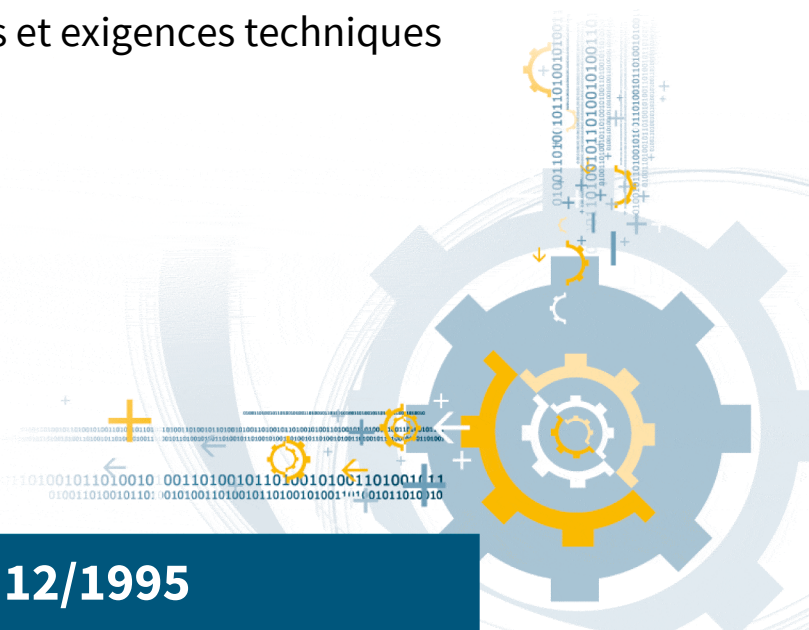
ILNAS-EN 442-1:1995

**Radiators and convectors - Part 1:
Technical specifications and
requirements**

Radiatoren und Konvektoren - Teil 1:
Technische Spezifikationen und
Anforderungen

Radiateurs et convecteurs - Partie 1:
Spécifications et exigences techniques

12/1995



National Foreword

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Descriptors: space heaters, heat radiators, convectors, specifications, mechanical strength, calorific power, marking, labelling

English version

Radiators and convectors - Part 1 : Technical specifications and requirements

Radiateurs et convecteurs - Partie 1 :
Spécifications et exigences techniques

Radiatoren und Konvektoren - Teil 1 :
Technische Spezifikationen und Anforderungen

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard has been prepared by the Technical Committee CEN/TC 130 "Space heating appliances without integral heat sources" of which the secretariat 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of an identical text or by endorsement, at the latest by June 1996, and conflicting national standard shall be withdrawn at the latest by June 1996.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

0 Introduction

This European Standard of radiators and convectors consists of the following parts:

- Part 1: Technical specifications and requirements
- Part 2: Testing and rating methods
- Part 3: Evaluation of conformity

1 Scope

This European Standard defines the technical specifications and requirements of radiators and convectors to be installed in central heating systems in residential buildings.

Radiators and convectors are components for installation in a permanent manner in construction works.

This European Standard covers radiators and convectors fed with water or steam at temperatures below 120 °C, supplied by a remote heat source.

This European Standard does not apply to independent heating appliances.

This European Standard also defines the additional common data that the manufacturer shall provide to the trade in order to ensure the correct application of the products.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies:

EN 442-2:1996	Radiators and convectors - Part 2: Testing and rating methods
EN 573-3	Wrought aluminium and aluminium alloys - Chemical composition and forms of products - Part 3: Chemical composition
EN 10130	Cold rolled low carbon steel flat products for cold forming; Technical delivery conditions
EN 10131	Cold rolled uncoated low carbon and high yield strength steel flat products for cold forming on dimensions shape
EN 45001	General criteria for the operation of testing laboratories