

Specification for radiators and convectors —

Part 1: Technical specifications and requirements

The European Standard EN 442-1:1995, with the incorporation of amendment 1:2003, has the status of a British Standard

ICS 91.140.10

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee RHE/6, Air or space heaters or coolers without combustion, upon which the following bodies were represented:

- Aluminium Federation
- Association of British Health-Care Industries
- Boiler and Radiator Manufacturers' Association Limited
- Building Services Research and Information Association
- Chartered Institution of Building Services Engineers
- Hevac Association
- Institute of Domestic Heating Engineers
- Institute of Refrigeration
- Manufacturers' Association of Radiators and Convectors Limited
- National Association of Plumbing, Heating and Mechanical Services
- University of Portsmouth
- Coopted members

This British Standard, having been prepared under the direction of the Engineering Sector Board, was published under the authority of the Standards Board and comes into effect on 15 July 1996

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The following BSI references relate to the work on this British Standard:
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Amendments issued since publication

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14861	26 February 2004	Changes to EN foreword and see national foreword

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National foreword

This British Standard has been prepared by Technical Committee RHE/6 and is the English language version of EN 442-1:1995, *Radiators and convectors — Part 1: Technical specifications and requirements*, including amendment 1:2003, published by the European Committee for Standardization (CEN).

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** **A1**. Tags indicating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by **A1** **A1**.

EN 442-1 was produced as a result of international discussion in which the UK took an active part.

BS EN 442-1 and BS EN 442-2 supersede BS 3528:1977 which is withdrawn.

It should be noted that in **5.1.3** reference is made to alloy AlSi₉Cu (N.46 000 and N.46 001) with a Footnote. These references related to a draft from CEN/TC 132, now available as prEN 1706 which has yet to be published and it is envisaged that the references in this standard will be revised by amendment after publication.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the *BSI Catalogue* under the section entitled “International Standards Correspondence Index”, or by using the “Search” facility of the *BSI Electronic Catalogue* or of British Standards Online.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 13 and a back cover.

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¹⁾ The European Standard refers to ISO 31-4:1978 which has been superseded by ISO 31-4:1992.

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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

(includes amendment A1:2003)

Radiateurs et convecteurs —
Partie 1: Spécifications et exigences techniques
(inclut l'amendement A1:2003)

Radiatoren und Konvektoren —
Teil 1: Technische Spezifikationen und
Anforderungen
(enthält Änderung A1:2003)

This European Standard was approved by CEN on 1995-05-04; amendment A1 was approved by CEN on 7 June 2003. 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.

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CEN

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Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard has been prepared by 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 standards shall be withdrawn at the latest by June 1996.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directives, see informative Annex ZA, which is an integral part of this document.

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.

Foreword to amendment A1

This document EN 442-1:1995/A1:2003 has been prepared by Technical Committee CEN/TC 130, Space heating appliances without integral heat sources, the Secretariat of which is held by UNI.

This Amendment to the European Standard EN 442-1:1995 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2004, and conflicting national standards shall be withdrawn at the latest by March 2004.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

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