

## საქართველოს სტანდარტი

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## 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

This European Standard was approved by CEN on 11 October 2014.

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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 CEN-CENELEC Management Centre has the same status as the official versions.

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## Foreword

This document (EN 442-1:2014) 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 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of an identical text or by endorsement, at the latest by June 2015, and conflicting national standards shall be withdrawn at the latest by September 2016.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 442-1:1995 and EN 442-3:2003.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association and supports basic works requirements of EU Regulation No 305/2011, of the European Parliament and the Council of 8 March 2011.

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

This European Standard, *Radiators and convectors*, consists of the following parts:

- *Part 1: Technical specifications and requirements* [the present document];
- *Part 2: Test methods and rating*.

The most significant changes that have been made in this new edition of EN 442-1 are the following ones:

- the standard has been revised to be in line with EU Regulation N° 305/2011;
- tubular radiators, finned tube convectors and skirting convectors have been included;
- the declaration of the standard low temperature thermal output at  $\Delta T$  30 K has been added.

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