

Controls for heating systems —

Part 1. Outside temperature compensated control equipment for hot water heating systems

The European Standard EN 12098-1 : 1996 has the status of a British Standard

ICS 91.140.10; 97.120

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- Association of Consulting Engineers
- Association of Control Manufacturers (TACMA (BEAMA Ltd.))
- British Combustion Equipment Manufacturers' Association
- Building Services Research and Information Association
- Department of the Environment (Building Research Establishment)
- Electrical Contractors' Association
- Energy Systems Trade Associations
- HEVAC Association
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National foreword

This British Standard has been prepared by Technical Subcommittee RHE/16/1 and is the English language version of EN 12098-1 *Controls for heating systems — Part 1 : 1996 Outside temperature compensated control equipment for hot water heating systems*, published by the European Committee for Standardization (CEN). EN 12098-1 : 1996 was produced as a result of international discussions in which the UK took an active part.

Cross-references

Publication referred to	Corresponding British Standard
	BS EN 60730 <i>Specification for automatic electrical controls for household and similar use</i>
EN 60730-1 : 1991	Part 1 : 1992 <i>General requirements</i> Part 2 : <i>Particular requirements</i>
EN 60730-2-7 : 1991	Section 7 : 1992 <i>Timers and time switches</i>
EN 60730-2-9 : 1992	Section 9 : 1995 <i>Temperature sensing controls</i>
	BS EN 50081 <i>Electromagnetic compatibility. Generic emission standard</i>
EN 50081-1 : 1992	Part 1 : 1992 <i>Residential, commercial and light industry</i>
	BS EN 50082 <i>Electromagnetic compatibility. Generic immunity standard</i>
EN 50082-1 : 1992	Part 1 : 1992 <i>Residential, commercial and light industry</i>
EN 60529 : 1991	BS EN 60529 : 1992 <i>Specification for degrees of protection provided by enclosures (IP code)</i> BS 5817 <i>Specification for audiovisual, video and television equipment and systems</i>
IEC 417	Part 8 : 1990 <i>Symbols and identification</i>
ISO 7000	BS 7324 : 1990 <i>Guide to graphical symbols for use on equipment</i>

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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 20, an inside back cover and a back cover.

ICS 97.120

Descriptors: Buildings, heating, hot water heating, control equipment, electronic equipment, regulators, energy consumption, thermal comfort, characteristics

English version

Controls for heating systems — Part 1: Outside temperature compensated control equipment for hot water heating systems

Régulation pour les systèmes de chauffage —
Partie 1: Equipements de régulation en fonction de
la température extérieure pour les systèmes de
chauffage à eau chaude

Meß-, Steuer- und Regeleinrichtungen für
Heizungen —
Teil 1: Witterungsgeführte Regeleinrichtungen für
Warmwasserheizungen

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

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Foreword

This European Standard has been prepared by CEN TC 247, Controls for mechanical building services, the secretariat of which is held by SNV.

This standard considers definitions, functionality, requirements, test-methods and documentation for outside temperature/compensated boiler- and supply-water temperature control of hot water heating systems.

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 January 1997 and conflicting national standards shall be withdrawn at the latest by January 1997.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of 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.

The position of this standard in the whole field of standards for mechanical building services is illustrated in the figure below.

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