

Hygrothermal performance of buildings — Calculation and presentation of climatic data

**Part 2: Hourly data for design cooling
load (ISO 15927-2:2009)**

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National foreword

This British Standard is the UK implementation of EN ISO 15927-2:2009.

The UK participation in its preparation was entrusted to Technical Committee B/540/8, Mirror committee for ISO/TC 163.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Foreword

This document (EN ISO 15927-2:2009) has been prepared by Technical Committee CEN/TC 89 "Thermal performance of buildings and building components", the secretariat of which is held by SIS, in collaboration with Technical Committee ISO/TC 163 "Thermal performance and energy use in the built environment".

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of an identical text or by endorsement, at the latest by August 2009, and conflicting national standards shall be withdrawn at the latest by August 2009.

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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ISO 15927-2 was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 89, *Thermal performance of buildings and building components*, in collaboration with Technical Committee ISO/TC 163, *Thermal performance and energy use in the built environment*, Subcommittee SC 2, *Calculation methods*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

ISO 15927 consists of the following parts, under the general title *Hygrothermal performance of buildings — Calculation and presentation of climatic data*:

- *Part 1: Monthly means of single meteorological elements*
- *Part 2: Hourly data for design cooling load*
- *Part 3: Calculation of a driving rain index for vertical surfaces from hourly wind and rain data*
- *Part 4: Hourly data for assessing the annual energy use for heating and cooling*
- *Part 5: Data for design heat load for space heating*
- *Part 6: Accumulated temperature differences (degree-days)*