

Ventilation for buildings — Ductwork — Requirements for ductwork components to facilitate maintenance of ductwork systems

ICS 91.140.30

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The preparation of this Draft for Development was entrusted to Technical Committee RHE/2, Air distribution and air diffusion, upon which the following bodies were represented:

- Association of Consulting Engineers
- Association of Manufacturers of Domestic Electrical Appliances
- Building Services Research and Information Association
- Chartered Institution of Building Services Engineers
- Department of Health
- Department of the Environment (Building Research Establishment)
- Electricity Association
- Heating and Ventilating Contractors' Association
- HEVAC Association
- Institute of Energy
- Loss Prevention Council
- Society of British Gas Engineers

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National foreword

This Draft for Development has been prepared by Technical Committee RHE/2 and is the English language version of ENV 12097:1997 *Ventilation for buildings — Ductwork — Requirements for ductwork components to facilitate maintenance of ductwork systems*, published by the European Committee for Standardization (CEN). ENV 12097:1997 was produced as a result of international discussions in which the UK took an active part.

The draft standards prEN XXXB, prEN XXXC and prEN XXXD had not been published at the time of publication of this Draft for Development. CR 12792:1997 was published subsequently to ENV 12097:1997 and was originally referred to as CR XXXX in the European Prestandard.

This publication is not to be regarded as a British Standard.

It is being issued in the Draft for Development series of publications and is of a provisional nature because it is considered that further experience is required in its application before it is converted into a British Standard. It should be applied on this provisional basis so that information and experience of its practical application may be obtained. Comments arising from the use of this Draft for Development are requested so that UK experience can be reported to the European organization responsible for its conversion to a European Standard. A review of this publication will be initiated 2 years after its publication by the European organization so that a decision can be taken on its status at the end of its three-year life. The commencement of the review period will be notified by an announcement in *BSI News*.

According to the replies received by the end of the review period, the responsible BSI Committee will decide whether to support the conversion into a European standard, to extend the life of the prestandard or to withdraw it. Comments should be sent in writing to the Secretary of BSI Technical Committee RHE/2 at BSI, 389 Chiswick High Road, London W4 4A1 giving the document reference and clause number and proposing, where possible, an appropriate revision of the text.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ENV title page, pages 2 to 17 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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Descriptors: Air conditioning equipment, air conditioners, heat pumps, compressors, electric motors, acoustic measurement, sound power, engine noise, airborne noise

English version

Ventilation for buildings — Ductwork — Requirements for ductwork components to facilitate maintenance of ductwork systems

Ventilation des bâtiments — Réseau de
conduits — Prescriptions relatives aux
composants destinés à faciliter l'entretien des
réseaux de conduits

Lüftung von Gebäuden — Luftleitungen —
Anforderungen an Luftleitungsbauteile zur
Wartung von Luftleitungssystemen

This European Prestandard (ENV) was approved by CEN on 1996-01-19 as a prospective standard for provisional application. The period of validity of this ENV is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the ENV can be converted into an European Standard (EN).

CEN members are required to announce the existence of this ENV in the same way as for an EN and to make the ENV available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the ENV) until the final decision about the possible conversion of the ENV into an EN is reached.

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CEN

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

Central Secretariat: rue de Stassart 36, B-1050 Brussels

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Foreword

This European Prestandard has been prepared by Technical Committee CEN/TC 156 “Ventilation for buildings”, the secretariat of Which is held by BSI.

This standard is a part of a series of standards for ductwork used for ventilation and air conditioning of buildings for human occupancy. The position of this standard in the field of mechanical building services is illustrated in Figure 1.

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

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