

Heat exchangers — Test procedures for establishing performance of air to air and flue gases heat recovery devices

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This Draft for Development, having been prepared under the direction of the Refrigeration, Heating and Air Conditioning Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 29 November 1991

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National foreword

This Draft for Development has been prepared under the direction of the Refrigeration, Heating and Air Conditioning Standards Policy Committee and is the English language version of European Prestandard ENV 308 “*Heat exchangers — Test procedures for establishing performance of air to air and flue gases heat recovery devices*”, published by the European Committee for Standardization (CEN).

Prestandard ENV 308 was produced as a result of international discussion in which the UK took an active part.

NOTE This work was originally undertaken under the auspices of E/-/16 which has now been reconstructed to form Technical Committee RHE/30.

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 the subject matter is still under technical development requiring wider exposure. It should be applied on this provisional basis, so that information and experience of its practical application may be obtained.

A review of this Draft for Development will be carried out not later than two years after its publication. Notification of the start of the review period, with a request for the submission of comments from users of this Draft for Development will be made in an announcement in the appropriate issue of *BSI News*. According to the replies received, the responsible BSI committee will judge whether the Draft for Development can be converted into a British Standard or what other action should be taken.

Observations which it is felt should receive attention before the official call for comments will be welcomed. These should be sent to the Secretary of the BSI Technical Committee RHE/30 at the BSI London Office, 2 Park Street, London W1A 2BS.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ENV title page, pages 2 to 14, an inside back cover 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: Heat transfer, heat exchangers, regenerative heaters, definitions, tests, measurement, thermodynamic properties

English version

Heat exchangers — Test procedures for establishing performance of air to air and flue gases heat recovery devices

Echangeurs thermiques — Procédures d'essai pour la détermination de la performance des récupérateurs de chaleur air/air et air/gaz

Wärmeaustauscher — Prüfbedingungen für die Leistungskriterien von Wärmerückgewinnungseinrichtungen

This European Prestandard was approved by CEN on 1991-08-08 as a prospective standard for provisional application. The period of validity of this ENV is limited 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 a 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

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Foreword

This European Prestandard has been drawn up by the Technical Committée CEN/TC 110 “Heat exchangers”, the secretariat of which is held by SIS.

During its meeting in May 1989, CEN/TC 110 agreed to develop ENVs for all work items mentioned on its programme of work. This procedure was approved by the CEN Technical Board (see Resolution BT 216/1989).

The draft European Prestandard was submitted to the vote and approved during the CEN/TC 110 meeting held in Stockholm on 1990-04-03/05.

In accordance with the common CEN/CENELEC Rules, the following countries are bound to implement this European Prestandard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

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