

Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling — Testing and rating at part load conditions

ICS 01.040.23; 01.040.27; 23.120; 27.080

National foreword

This Draft for Development is the official English language version of CEN/TS 14825:2003.

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 due to the small amount of experience in this type of testing. 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 3-year life. Notification of the start of the review period will be made in an announcement in the appropriate issue of *Update Standards*.

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 Technical Specification or to withdraw it. Comments should be sent in writing to the Secretary of BSI Technical Committee RHE/17, Testing of air conditioning units, at British Standards House, 389 Chiswick High Road, London W4 4AL, giving the document reference and clause number and proposing, where possible, an appropriate revision of the text.

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

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the *BSI Catalogue* under the section entitled “International Standards Correspondence Index”, or by using the “Search” facility of the *BSI Electronic Catalogue* or of British Standards Online.

Summary of pages

This document comprises a front cover, an inside front cover, the CEN/TS title page, pages 2 to 10, an inside back cover and a back cover.

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English version

**Air conditioners, liquid chilling packages and heat pumps with
electrically driven compressors for space heating and cooling -
Testing and rating at part load conditions**

Climatiseurs, groupes refroidisseurs de liquide et pompes à
chaleur avec compresseur entraîné par moteur électrique
pour le chauffage et la réfrigération - Essais et
détermination des caractéristiques à charge partielle

Luftkonditionierer, Flüssigkeitskühlsätze und
Wärmepumpen mit elektrisch angetriebenen Verdichtern
zur Raumbeheizung und Kühlung – Prüfung und
Leistungsbemessung unter Teillastbedingungen

This Technical Specification (CEN/TS) was approved by CEN on 24 September 2003 for provisional application.

The period of validity of this CEN/TS 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 CEN/TS can be converted into a European Standard.

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

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.



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Contents

Introduction 4

1 Scope 4

2 Normative references 4

3 Terms and definitions.....4

4 Reduced capacity test 6

4.1 Test apparatus.....6

4.2 Test conditions 6

4.3 Test procedures 7

4.4 Test tolerances.....8

4.5 Output measurement 8

5 Calculation 8

6 Uncertainties of measurement 9

7 Test report 9

8 Technical data sheet.....9

Annex A (informative) Test conditions for reduced capacities that differ form 50% 10

A.1. For fixed capacity units.....10

A.2. For step controlled variable capacity units.....10

A.3. For continuous controlled variable capacity units.....10

Foreword

This document (CEN/TS 14825:2003) has been prepared by Technical Committee CEN/TC 113 “Heat pumps and conditioning units”, the secretariat of which is held by AENOR.

This Technical Specification was first intended to be published as EN standard, but due to the little experience in this type of testing, the Technical Committee decided to issue it as a TS.

This Technical Specification is published to give the general conditions and requirements for testing. When further experience will be reached in test methods, the change to EN will be considered.

Annex A is informative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.