

**Ühe põletiga ülalt kiirgavad gaasküttega torusoojendid ja väljaspool kodumajapidamist kasutatavad ülalt helendavad gaasküttega kiirgussoojendid. Osa 3: Energiasäästliku kasutuse nõuded ja katsemeetodid.
Radiomeetriline meetod C**

Single burner gas-fired overhead radiant tube heaters and non-domestic gas-fired overhead luminous radiant heaters - Part 3: Requirements and test methods for establishing the rational use of energy - Radiometric method C

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-ENV 1259-3:1999 sisaldab Euroopa standardi ENV 1259-3:1996 ingliskeelset teksti.

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English version

**Single burner gas-fired overhead radiant tube
heaters and non-domestic gas-fired overhead
luminous radiant heaters - Part 3: Requirements
and test methods for establishing the rational use
of energy - Radiometric method C**

Tubes radiants suspendus à mono-brûleur au gaz
et appareils surélevés de chauffage à
rayonnement lumineux au gaz à usage
non-domestique - Partie 3: Exigences et
méthodes d'essais pour la détermination de
l'utilisation rationnelle d'énergie - Méthode
radiométrique C

Dunkelstrahler mit einem Brenner und
kommerzielle Gasleucht-Deckenstrahlheizer -
Teil 3: Anforderungen und Prüfverfahren zur
Bestimmung der rationellen Verwendung von
Energie - Radiometrisches Verfahren C

This European Prestandard (ENV) was approved by CEN on 1996-08-31 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).

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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

Foreword

This European Prestandard has been prepared by Technical Committee CEN/TC 180 "Non-domestic gas-fired overhead radiant heaters", the secretariat of which is held by BSI.

Other equivalent methods of efficiency determination, method A and method B, are available in ENV 1259-1 and ENV 1259-2.

This ENV should not be used for direct comparison of radiant efficiency between radiant tube heaters and luminous radiant heaters because the accuracy of the measurement differs for each type of heater when using this method.

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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1 Scope

This ENV specifies the requirements and test method C for the rational use of energy of a non-domestic gas-fired overhead radiant tube heater incorporating a single burner, or of a non-domestic gas-fired fixed overhead luminous radiant heater, referred to in the body of the text as an "appliance", with a reference surface as defined in 3.1.

2 Normative references

This European Prestandard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Prestandard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

prEN 416-1:1990 Single burner gas-fired overhead radiant tube heaters for non-domestic use
Part 1: Safety

prEN 419-1:1990 Non-domestic gas-fired overhead luminous radiant heaters
Part 1: Safety

3 Definitions

For the purpose of this prestandard, the following definitions apply.

- 3.1 radiation reference plane:** The flat horizontal plane touching the lowest part of the appliance.
- 3.2 radiant exitance:** Specific radiant output.
- 3.3 type S appliance:** Appliance with length less than or equal to 0.8 m, to be considered as a single point source.
- 3.4 type L appliance:** Appliance with length greater than 0.8 m, to be considered as a line source of length L at each end bounded by a point source.