

## საქართველოს ეროვნული სტანდარტი

აირჩე მომუშავე აბსორბციული და ალსორბციული ჰაერის  
პონდიცირების ან სითბური ტუმბოს მოწყობილობები სითბოს  
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და მეტროლოგიის ეროვნული სააგენტო  
თბილისი

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN 12309-1

July 1999

ICS 23.120; 27.080

English version

Gas-fired absorption and adsorption air-conditioning and/or heat  
pump appliances with a net heat input not exceeding 70 kW -  
Part 1: Safety

Appareils de climatisation et/ou pompes à chaleur à ab- et  
ad- sorption fonctionnant au gaz de débit calorifique sur  
PCI inférieur ou égal à 70 kW - Partie 1: Sécurité

Gasbefeuerte Absorptions- und Adsorptions-Klimageräte  
und/oder Wärmepumpengeräte mit einer  
Nennwärmebelastung nicht über 70 kW - Teil 1: Sicherheit

This European Standard was approved by CEN on 27 November 1998.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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



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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**ICS:** 27.080; 91.140.30

**Descriptors:** air conditioning, air conditioning equipment, air conditioners, heat pumps, gas appliances, heat of absorption, adsorption, gaseous effluent disposal, safety, specifications, tests, performance evaluation

**English version**

**Gas-fired absorption and adsorption air-conditioning and/or heat pump appliances with a net heat input not exceeding 70 kW. Part 1: Safety**

Appareils de climatisation et pompes à chaleur à ab- et ad- sorption fonctionnant au gaz de débit calorifique net inférieur ou égal à 70 kW - Partie 1: Sécurité

Gasbefeuerte Absorptions- und Adsorptions-Klimageräte und/oder Wärmepumpengeräte mit einer Nennwärmebelastung nicht über 70 kW - Teil 1: Sicherheit

This European Standard has been drawn up by Technical Committee CEN/TC 299.

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## Foreword

This European Standard has been prepared by Technical Committee CEN/TC 299 "Gas-fired sorption appliances and domestic gas-fired washing and drying appliances", the secretariat of which is held by AENOR.

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 January 2000, and conflicting national standards shall be withdrawn at the latest by January 2000.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this standard.

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

CEN/TC 299 intends to prepare an amendment to this European Standard for appliances that fall within the scope of EU Directive 97/23/EEC, in order to address its essential requirements.

Requirements and methods of test covering rational use of energy for gas-fired absorption and adsorption air-conditioning and/or heat pump appliances are in the course of preparation and will be published as EN 12309-2.