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**LEISURE ACCOMMODATION VEHICLES -  
SAFETY VENTILATION REQUIREMENTS**

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English version

## Leisure accommodation vehicles - Safety ventilation requirements

Véhicules habitables de loisirs - Exigences de ventilation de sécurité

Bewohnbare Freizeitfahrzeuge - Anforderungen an die Sicherheitslüftung

This European Standard was approved by CEN on 9 July 2004.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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## Contents

	<b>page</b>
Foreword .....	3
1 Scope.....	4
2 Normative references .....	4
3 Terms and definitions.....	4
4 Requirements .....	5
4.1 General .....	5
4.2 Ingress of products of combustion.....	5
4.3 Avoidance of obstructions.....	7
4.4 Ventilator grilles .....	7
5 Minimum free area of safety ventilation, by calculation .....	7
5.1 General.....	7
5.2 Sizes of ventilation openings in habitation compartments .....	7
5.2.1 Habitation compartments containing non-room-sealed appliances .....	7
5.2.2 Habitation compartments greater than 10 m <sup>2</sup> floor area.....	8
5.2.3 Other habitation compartments .....	8
6 Testing.....	8
6.1 Preparation .....	8
6.2 Procedure .....	8
6.3 Test report .....	9
7 User's handbook .....	9
Annex A (normative) Warning notice.....	10

## **Foreword**

This document (EN 721:2004) has been prepared by Technical Committee CEN/TC 245 "*Leisure accommodation vehicles*", the secretariat of which is held by BSI.

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 March 2005, and conflicting national standards shall be withdrawn at the latest by March 2005.

This European Standard supersedes EN 721:1998 "*Leisure accommodation vehicles — Safety ventilation requirements*".

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

## EN 721:2004 (E)

### 1 Scope

This document specifies the minimum safety ventilation requirements for leisure accommodation vehicles.

It provides alternative methods of calculation or testing of safety ventilation.

### 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 624:2000, *Specification for dedicated LPG appliances — Room-sealed LPG space heating equipment for installation in vehicles and boats*

EN 13878:2003, *Leisure accommodation vehicles — Terms and definitions*

### 3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 13878:2003 and the following apply.

#### 3.1

##### **overall plan area**

the overall plan area is measured as follows:

- a) Caravan. Overall width multiplied by overall length excluding towbar;
- b) Motor caravan. Overall width, excluding driving mirrors, multiplied by overall length. Where the accommodation section is demountable, the overall plan area is the overall length of the demountable section multiplied by the overall width;
- c) Caravan holiday home. Overall width multiplied by overall length excluding towbar. When a caravan holiday home comprises more than one element, the overall plan area is the sum of the areas of the separate elements before they are joined together.

#### 3.2

##### **model**

a leisure accommodation vehicle is considered to be a different model from the tested model if any of the following apply:

- a) the exterior size and/or shape of the body is altered or in the case of a motor caravan a different base vehicle is used;
- b) the cooking appliances are situated more than 300 mm from, and/or have more burners than, the tested model and/or any other non room sealed appliance is of a different type or position;
- c) any permanent ventilation opening in the external shell of the vehicle is of a different type or situated more than 300 mm from its position in the tested model and/or there is consequent obstruction of any ventilation opening;
- d) the internal volume of the leisure accommodation vehicle, excluding furniture, differs by more than 10 %.

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