



NSAI
Standards

Irish Standard
I.S. EN 721:2019

Leisure accommodation vehicles - Safety ventilation requirements

I.S. EN 721:2019

Incorporating amendments/corrigenda/National Annexes issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.

This document is based on:

EN 721:2019

Published:

2019-10-30

This document was published under the authority of the NSAI and comes into effect on:

2019-11-22

ICS number:

43.100

NOTE: If blank see CEN/CENELEC cover page

NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

National Foreword

I.S. EN 721:2019 is the adopted Irish version of the European Document EN 721:2019, Leisure accommodation vehicles - Safety ventilation requirements

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

For relationships with other publications refer to the NSAI web store.

Compliance with this document does not of itself confer immunity from legal obligations.

In line with international standards practice the decimal point is shown as a comma (,) throughout this document.

This page is intentionally left blank

EUROPEAN STANDARD

EN 721

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2019

ICS 43.100

Supersedes EN 721:2004

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 September 2019.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN 721:2019 (E)

Contents		Page
European 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	Safety ventilator grilles	7
5	Minimum free area of safety ventilation, by calculation	7
5.1	General	7
5.2	Sizes of safety ventilation openings in habitable compartments	7
5.3	Alternative ventilation arrangements for caravan holiday homes over 20 m² floor area	8
6	Testing	10
6.1	Preparation	10
6.2	Procedure	10
6.3	Test report	11
7	User's handbook	12
Annex A (normative) Warning notice		13

European foreword

This document (EN 721:2019) has been prepared by Technical Committee CEN/TC 245 “Leisure accommodation vehicles”, the secretariat of which is held by AFNOR.

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 April 2020, and conflicting national standards shall be withdrawn at the latest by April 2020.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 721:2004.

In relation to EN 721:2004, the main technical changes are:

- a) “ventilation” specified to “safety ventilation” throughout the document;
- b) specified to flueless appliances;
- c) normative references updated;
- d) in 6.2 “Procedure”, procedure and calculation modified;
- e) in 6.3 “Test report”, elements of the test report specified;
- f) editorially modified;
- g) Alternative ventilation arrangements have been added
- h) Revision of chapter 5.2.1 “Habitable compartments containing non-room-sealed appliances” (the table has been divided into two different tables)
- i) deleted volume calculation for CO₂ testing
- j) 6.2.4 modified.

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

EN 721:2019 (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 documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 13878, *Leisure accommodation vehicles — Terms and definitions*

3 Terms and definitions

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

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

3.1

habitable compartment

compartment used for living purposes which is not solely utility room, sanitation compartment, walk in storage or hallway

3.2

utility room

room limited in function to a washing machine and/ or tumble dryer

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-