

SLOVENSKI STANDARD

SIST EN 13141-7:2021+A1:2026

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Nadomešča:

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Prezračevanje stavb - Preskušanje lastnosti sestavnih delov/izdelkov za prezračevanje stanovanjskih stavb - 7. del: Preskušanje lastnosti mehanskih kanalnih dovodnih in odvodnih prezračevalnih enot (vključno z enotami za vračanje toplote) (vključno z dopolnilom A1)

Ventilation for buildings - Performance testing of components/products for residential ventilation - Part 7: Performance testing of ducted mechanical supply and exhaust ventilation units (including heat recovery)

Lüftung von Gebäuden - Leistungsprüfungen von Bauteilen/Produkten für die Lüftung von Wohnungen - Teil 7: Leistungsprüfung von mechanischen Zuluft- und Ablufteinheiten mit Luftführung (einschließlich Wärmerückgewinnung)

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Ventilation des bâtiments - Essais de performance des composants/produits pour la ventilation des logements - Partie 7 : Essais de performance des centrales double flux (y compris la récupération de chaleur)

Ta slovenski standard je istoveten z: EN 13141-7:2021+A1:2025

ICS:

91.140.30

Prezračevalni in klimatski sistemi

Ventilation and air-conditioning systems

SIST EN 13141-7:2021+A1:2026

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
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EN 13141-7:2021+A1

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English Version

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This European Standard was approved by CEN on 25 January 2021 and includes Amendment 1 approved by CEN on 3 November 2025.

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, Türkiye 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

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EN 13141-7:2021+A1:2025 (E)

European foreword

This document (EN 13141-7:2021+A1:2025) has been prepared by Technical Committee CEN/TC 156 “Ventilation for buildings”, 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 June 2026, and conflicting national standards shall be withdrawn at the latest by June 2026.

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 includes Amendment 1 approved by CEN on 2025-11-03.

This document supersedes A1 EN 13141-7:2021 A1.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

In addition to a number of editorial revisions, the following main changes have been made with respect to EN 13141-7:2010:

- terms and definitions as well as the symbols and abbreviations have been updated in accordance with the parameters used in the document;
- new categories of heat exchanger have been added;
- general requirements of the static pressure distribution have been added in 7.1;
- the reference of the internal and external leakage rates has been changed to the reference air volume flow;
- requirements to convert the measured values to standard conditions have been added in 7.2.2.1 and 7.3.2;
- determination of the external static pressure difference, maximum air flow and reference air flow has been added;
- 7.3.3 has been divided into two separate subclauses, 7.3.3.1 for standard tests and 7.3.3.2 for cold climate tests;
- the formulas to calculate the temperature ratios have been changed;
- the wet bulb temperature for the cold climate test has been changed;
- Annex D, giving examples for the evaluation of maximum air volume flow and pressure, has been added;
- Annex E giving examples for the evaluation of reference pressure has been added;
- the description of the connection box has been moved to Annex F.

A list of all parts in the EN 13141 series, published under the general title *Ventilation for buildings — Performance testing of components/products for residential ventilation* can be found on the CEN website.

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.

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