
**Hladilni sistemi in toplotne črpalke - Ventili - Zahteve, preskušanje in označevanje
- Dopolnilo A1 (ISO 21922:2021/Amd 1:2024)**

Refrigerating systems and heat pumps - Valves - Requirements, testing and marking -
Amendment 1 (ISO 21922:2021/Amd 1:2024)

Kälteanlagen und Wärmepumpen - Ventile - Anforderungen, Prüfung und
Kennzeichnung - Änderung 1 (ISO 21922:2021/Amd 1:2024)

Systèmes de réfrigération et pompes à chaleur - Robinetterie - Exigences, essais et
marquage - Amendement 1 (ISO 21922:2021/Amd 1:2024)

Ta slovenski standard je istoveten z: EN ISO 21922:2021/A1:2024

[SIST EN ISO 21922:2022/A1:2025](http://standards.slovenski-standard.si/standards/sist/en/21922-2022/a1-2025)

<http://standards.slovenski-standard.si/standards/sist/en/21922-2022/a1-2025>

ICS:

23.060.20	Zapirni ventili (kroglasti in pipe)	Ball and plug valves
27.080	Toplotne črpalke	Heat pumps
27.200	Hladilna tehnologija	Refrigerating technology

SIST EN ISO 21922:2022/A1:2025 **en,fr,de**

EUROPEAN STANDARD

EN ISO 21922:2021/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

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ICS 27.080; 27.200

English Version

Refrigerating systems and heat pumps - Valves - Requirements, testing and marking - Amendment 1 (ISO 21922:2021/Amd 1:2024)

Systèmes de réfrigération et pompes à chaleur -
Robinetterie - Exigences, essais et marquage -
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Kälteanlagen und Wärmepumpen - Ventile -
Anforderungen, Prüfung und Kennzeichnung -
Änderung 1 (ISO 21922:2021/Amd 1:2024)

This amendment A1 modifies the European Standard EN ISO 21922:2021; it was approved by CEN on 11 November 2024.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant 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 amendment 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.

[SIST EN ISO 21922:2022/A1:2025](https://standards.iteh.ai/catalog/standards/sist/fa7a7d65-7303-46d3-965c-da97b5cc579c/sist-en-iso-21922-2022-a1-2025)

<https://standards.iteh.ai/catalog/standards/sist/fa7a7d65-7303-46d3-965c-da97b5cc579c/sist-en-iso-21922-2022-a1-2025>



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 ISO 21922:2021/A1:2024 (E)

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European foreword

This document (EN ISO 21922:2021/A1:2024) has been prepared by Technical Committee ISO/TC 86 "Refrigeration and air-conditioning" in collaboration with Technical Committee CEN/TC 182 "Refrigerating systems, safety and environmental requirements" the secretariat of which is held by DIN.

This Amendment to the European Standard EN ISO 21922:2021 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2025, and conflicting national standards shall be withdrawn at the latest by June 2025.

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 has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZA, which is an integral part of this document.

Any feedback and questions on this document should be directed to the users' national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organizations 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, Türkiye and the United Kingdom.

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Endorsement notice

The text of ISO 21922:2021/Amd 1:2024 has been approved by CEN as EN ISO 21922:2021/A1:2024 without any modification.

Annex ZA (informative)

Relationship between this European Standard and the essential requirements of Directive 2014/68/EU aimed to be covered

This European Standard has been prepared under a Commission's standardization request M/601 to provide one voluntary means of conforming to essential requirements of Directive 2014/68/EU.

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZA.1 and application of the edition of the normatively referenced standards as given in Table ZA.2 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements of that Directive and associated EFTA regulations.

Table ZA.1 — Correspondence between this European Standard and Directive 2014/68/EU

Essential Safety Requirements of Directive 2014/68/EU	Clause(s)/subclause(s) of this EN	Remarks/Notes
4.3	6.11	Material documentation
3.1.4	6.1.1, 6.4, 6.6, 6.7, D.3.3	Heat treatment
2.2.2	7.3	Design for adequate strength
7.1.2	Annex A.2	Allowable stresses
2.6	7.12	Corrosion
3.1.1	8	Preparation of the component parts
3.2.2, 7.4	9.1	Proof test
3.3	10.2	Marking and labelling
3.4	11	Operating instructions
7.2	Table A.2	Joint coefficients
2.2.3	Annex A, C and D	Design for adequate strength by calculation
2.2.4	Annex B, C and D	Design for adequate strength by experimental method
4.1 a) and 7.5	Annex D	Requirements to avoid brittle fracture