



SLOVENSKI STANDARD

SIST EN 161:1997/A2:1999

01-december-1999

Samodejni zaporni ventili za plinske gorilnike in plinske aparate

Automatic shut-off valves for gas burners and gas appliances

Automatische Absperrventile für Gasbrenner und Gasgeräte

Robinets automatiques de sectionnement pour bruleurs a gaz et appareils a gaz

Ta slovenski standard je istoveten z: **EN 161:1991/A2:1997**

[SIST EN 161:1997/A2:1999](https://standards.iteh.ai/catalog/standards/sist/ae139cc8-12f0-4bc3-b479-bc9491e9c4bf/sist-en-161-1997-a2-1999)

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ICS:

23.060.20	Zapirni ventili (kroglasti in pipe)	Ball and plug valves
27.060.20	Plinski gorilniki	Gas fuel burners

SIST EN 161:1997/A2:1999 en

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EUROPEAN STANDARD

EN 161:1991/A2

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 1997

ICS 23.060; 27.060.20

Descriptors: gas appliances, burners, shut-off valve, automatic system, safety devices, equipment specification, performance requirement, test, marking

English version

Automatic shut-off valves for gas burners and gas appliances

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Robinets automatiques de sectionnement pour brûleurs à gaz et appareils à gaz

Automatische Absperrventile für Gasbrenner und Gasgeräte

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REPUBLIKA SLOVENIJA
 MINISTRSTVO ZA ZNANOST IN TEHNOLOGIJO
 Urad RS za standardizacijo in meroslovje
 LJUBLJANA

SIST. EN 161/A2
 PREVZET PO METODI RAZGLASITVE

-11- 1999

This amendment 2 modifies the European Standard EN 161:1991. This amendment was approved by CEN on 1997-06-12. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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.

The European Standards exist 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.

CEN

European Committee for Standardization
 Comité Européen de Normalisation
 Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Page 2

EN 161:1991/prA2:1997

Foreword

This Amendment EN 161:1991/prA2:1997 to the EN 161:1991 has been prepared by Technical Committee CEN/TC 58 "Safety and control devices for gas-burners and gas-burning appliances", the secretariat of which is held by BSI.

This Amendment to the European Standard EN 161:1991 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 1998, and conflicting national standards shall be withdrawn at the latest by January 1998.

This Amendment to the European Standard EN 161:1991 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).

This amendment A 2 to EN 161 specifies the additional requirements and test methods for class J valves (originally called D'valves in EN 297 and EN 483), so that EN 161 applies also to J valves.

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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.

The following changes have to be made:

1.4.1 Classes of valves

Delete first indent and first paragraph and add the following:

- Class A, B, C and J valves

Valves where the sealing force is not decreased by the gas inlet pressure are graded A, B, C or J according to their sealing force (see 3.8).

Add new indent and new paragraph at the end:

- Class J valves

Disc on seat valves where the sealing force is not decreased by the gas inlet pressure and which meet the requirements of 3.8.

2.6.1 Add a sentence at the end of clause:

Class J valves shall incorporate an inlet strainer. The maximum strainer hole dimension shall not exceed 0,28 mm and it shall prevent the passage of a 0,2 mm diameter pin gauge.

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3.6 Closing time

Add a sentence at the end of clause:

For class J valves the closing time shall not exceed 5 s or any lower value declared by the manufacturer.

3.8 Sealing force

Add a sentence under the first paragraph:

Class J valves shall have a minimum sealing force of 1 N/m, which is calculated from the spring force in the closed position of the valve divided by the circumference or length of the seal.

Page 4

EN 161:1991/prA2:1997

4.8 Sealing force

Add a sentence at the end of clause:

For class J valves, any spring providing the sealing force is removed from the valve and the spring force is measured at a spring compression corresponding to the closed position of the valve.

5.2 Installation and operating instructions

Change under a) (A, B, C, D or E) into (A, B, C, D, E or J).

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