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**INDUSTRY STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA**

**CJ/T 132-2014**

Replacing CJ/T 132-2001

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**Automatic suction solenoid valves for gas burning appliances  
(English Translation)**

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## Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces CJ/T 132-2001 "household gas burner with automatic gas valve." this standard is the revision of CJ/T 132-2001 "household gas burner with automatic gas valve", compared with the CJ/T 132-2001 to technical changes are as follows.

- This standard is mainly the continuation of the self-priming valve content;
- Added terms and definitions (see Chapter 3);
- Increased classification (see Chapter 4);
- Increased rated flow (see 6.3.3);
- Increased oil resistance (see 6.3.4.3);
- Increased logo durability (see 6.3.4.4);
- Increased scratch resistance (see 6.3.4.5);
- Increased resistance to moisture (see 6.3.4.6);
- Increased air tightness (see 6.3.8);

- Modify the structure and material requirements (see Chapter 5, 2001 edition Chapter 4, Chapter 5);
- Modify the air tightness (see 6.3.1, 2001 edition Chapter 3);
- Modify the current and voltage when the valve is opened and closed (see 6.3.3, 6.3.3, 6.3.3, 2001 Chapter 3);
- Modify the mechanical durability (see 6.3.14, 2001 edition Chapter 3);
- Modify the torque strength (see 6.3.2.2, 2001 version Chapter 3);
- Modify the diaphragm, gaskets, lining gas-resistant gas resistance, gas-proof sealing material properties (see 6.3.4.2, 2001 version Chapter 3);
- Remove the negative pressure strength, coil temperature rise, moisture resistance, high temperature and low temperature performance, voltage strength, resistance to thermal shock, Thick grease (see Chapter 3 of the 2001 edition).

This standard is consistent with GB 16914-2012 "gas burning appliances safety conditions", given in Appendix B of this standard branch GB 16914-2012 with the basic requirements of the provisions of the corresponding table.

This standard proposed by the Ministry of Housing and Urban Standard and Design Institute.

This standard by the Ministry of Housing and Urban Gas Standardization Technical Committee centralized.

This standard was drafted. China Municipal Engineering North China Design and Research Institute, Zhejiang Overseas Chinese Industrial Co., Ltd., Qingdao Economic and Technological Development Zone Haier Water Heater Co., Ltd., Guangdong Macro Gas Co., Ltd., Zhejiang Xintao Electronic Machinery Co., Ltd., the quality of gas appliances Quantity Supervision and Inspection Center.

## 1 Scope

This standard specifies the terms and definitions, classification and grouping of household gas burner self-priming valve (hereinafter referred to as self-priming valve), structure and material Materials, requirements, test methods, marking, installation and operating instructions, inspection rules, packaging, transport and storage.

This standard applies to the maximum working pressure is not more than 10kPa, nominal size is not greater than DN32, the working voltage is not greater than DC6V, only Battery-driven, using self-priming valve for urban gas appliances specified in GB/T 13611.

## 2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 191 Packaging - Pictorial signs Test method for fluid resistance of vulcanized rubber or thermoplastic rubber GB/T 1690-2010 GB/T 3091 low pressure fluid delivery welded steel pipe GB/T 7306 (all parts) 55 ° sealing pipe thread GB/T 7307 55 ° non-sealed pipe thread GB/T 9114 necked steel pipe flanges GB/T 9144 ordinary thread priority series GB/T 12716 60 ° sealing pipe thread GB/T 13611 urban gas classification and basic characteristics Automatic electrical controls for household and similar use - Part 1. Generic requirements GB/T 15530 (all parts) copper alloy flange Household gas appliances GB/T 16411-2008 General test methods GB/T 17241 (all parts) cast iron pipe flange Domestic gas burning appliances conformity assessment procedures and inspection rules

## 3 Terms and definitions

The following terms and definitions apply to this document.

Self-priming valve automaticssosoidoid Only battery-driven and operating voltage is not greater than DC6V, can automatically open when the power supply, power off automatically shut down when the solenoid valve.

Air tight sealingforce the force applied to the valve seat when the closure element is in the closed position is independent of the force generated by the gas pressure.

### 4.1 Classification

According to the air tightness requirement of 6.3.8, the self-priming valve is divided into A grade, B grade and C grade.