

ICS 91.060.50
CCS Q 73

JG

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

JG/T 177-2005

Replacing JG/T 3015.1-1994; JG/T 3015.2-1994

**Automatic door
(English Translation)**

Issued on: September 16, 2005

Implemented on: December 1, 2005

**Issued by: Ministry of Housing and Urban-Rural Development of the
People's Republic of China**

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Foreword

This standard replaces JG/T 3015.1-1994 "Push-pull automatic door" and JG/T 3015.2-1994 "Swing open automatic door".

The main differences between this standard and JG/T 3015.1-1994 and JG/T 3015.2-1994 are as follows.

- Combine the above two standards into one standard, the name is "Automatic Door";
- Improve product category division;
- Increase the content of automatic folding doors and automatic revolving doors;
- Increase the test method of the automatic door opening and closing device (Appendix A);
- Increase the marking method and marking example of the automatic door;
- Cancel the specification model of the basic door opening in the original standard (original standard 3.2.2);
- Cancel the basic elevation of the original standard door (the original standard 3.3).

Appendix A of this standard is a normative appendix.

This standard was proposed by the Institute of Standards and Ratings of the Ministry of Construction.

This standard is under the jurisdiction of the Ministry of Construction's Standardization Technical Committee for Building Products and Components.

This standard is mainly drafted by. China Building Decoration Association.

Participated in the preparation of this standard. Nabooke Automatic Door (Beijing) Co., Ltd., China Building Standard Design and Research Institute, Beijing Baodun Door Industry Technology Co., Ltd., Beijing Kai Bisheng Automatic Door Technology Co., Ltd.

1 Scope

This standard specifies the classification, specifications, codes, materials, requirements, test methods, inspection rules and signs, packaging, and various automatic doors for construction.

Transportation, storage.

This standard applies to push-pull automatic doors (arc automatic doors), swing automatic doors, folding automatic doors, rotating automatic doors.

Other automatic doors can be referred to for execution. Automatic doors with special requirements should also refer to their relevant standards.

2 Normative references

The terms in the following documents become the terms of this standard by reference to this standard. All dated references, followed by all Modifications (not including errata content) or modified versions do not apply to this standard. However, parties to agreements based on this standard are encouraged to Whether the latest version of these files can be used. For undated references, the latest edition applies to this standard.

GB 156 standard voltage GB 4208 enclosure protection grade (IP code) GB 4706.1 Safety of household and similar electrical appliances Part 1. General requirements GB/T 191 packaging storage and transportation icon GB/T 2423.1 Environmental testing of electrical and electronic products - Part 2. Test methods Test A. Low temperature GB/T 2423.3 Basic environmental test procedures for electric and electronic products test Ca. constant damp heat test method GB/T 3797 electrical control equipment GB/T 5237 aluminum alloy building profiles GB/T 5823 building door and window terminology GB/T 6388 transport packaging receipt and delivery mark GB/T 7106 Building exterior window wind pressure resistance performance classification and detection method GB/T 7107 Building exterior window airtight performance classification and detection method GB/T 8484 Building exterior window insulation performance grading and testing method GB/T 12754 color coated steel sheet and strip GB/T 13306 signage GB/T 14436 General Rules for Industrial Product Assurance Documents JG J113 Architectural Glass Application Technical Regulations JG/T 73 stainless steel building profiles JG/T 122 wooden doors and wooden windows

3 Terms and definitions

The following terms and definitions as defined in GB/T 5823 apply to this standard.

It is controlled by various signals to automatically open and close the entrance and exit and has the general name of the running device, the sensing device and the door body

components.

The automatic opening and closing device is composed of a driver and a controller.