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

SB/T 10793-2012

**Post-mix beverage dispensing equipment
(English Translation)**

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Foreword

This standard was proposed by the Ministry of Commerce of the People's Republic this standard is under the jurisdiction of the National Refrigeration Standardization Technical Committee Refrigeration Cabinet Subcommittee.

This standard was drafted. Qingdao Haili Commercial Electric Co., Ltd., National Commercial Refrigeration Equipment Quality Supervision and Inspection Center, China Refrigeration Hui, Jimei University.

Introduction

With the improvement of people's quality of life, the requirements of food preservation, food hygiene and food safety have received more and more attention and attention from the public.

As a new type of commercial refrigeration equipment, the beverage dispenser uses a concentrated beverage package, while the concentrated beverage package is reduced compared to regular beverages.

The use of chemical products such as preservatives, and greatly reduced the cost of beverage storage, logistics and so on. Due to the unique advantages of the cold drink machine, Get more and more widely used applications.

This standard is of great significance to the requirements and test evaluation of the standard cold-drinking machine, and is conducive to the development, production and sales of cold-drinking machines.

Use and management.

Cold drink machine

1 Scope

This standard specifies the technical requirements, test methods, inspection rules, marking, packaging, transportation and storage of the cold drink machine.

This standard applies to commercial or similar cold drink machines.

This standard does not apply to household kitchen machinery (GB 4706.30), such as food mixers, juicers, etc.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 191 packaging storage and transportation icon GB/T 1019 General rules for the packaging of household and similar electrical appliances GB/T 2423.3 Environmental testing of electric and electronic products - Part 2. Test method test Cab. constant humid heat method GB/T 2423.17 Environmental testing of electric and electronic products - Part 2. Test method test Ka. salt spray GB/T 2829-2002 Periodic inspection count sampling procedures and tables (applicable to the inspection of process stability) GB 4706.1-2005 Safety of household and similar electrical appliances - Part 1. General requirements GB 4706.72-2008 Special requirements for safe commercial vending machines for household and similar electrical appliances GB/T 4798.1 Environmental conditions for application of electric and electronic products - Part 1. Storage GB/T 8059.1-1995 Household Refrigeration Refrigerator JB/T 4330 Determination of noise in refrigeration and air conditioning equipment

3 Terms and definitions

The following terms and definitions apply to this document.

Drinking water (purified water) and concentrated beverages are rapidly cooled or only cooled by drinking water (purified water) through a refrigeration system and a cooling medium, and the two are instantly mixed into a drinkable low-temperature beverage and a cup-packed device.

3.1.1

A cold drink machine with a refrigerating compartment for storing concentrated beverage packs.

3.1.2

The cold drink machine has no refrigerating room for storing concentrated drink packs, and the concentrated drink pack is placed outside the cold drink machine.

Concentrated beverage package concentrateboeveragebag A standard volume special bag (box) with a standard quick coupler and a beverage concentrate.