

ICS 29.160.10

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Record No.: 24713-2008

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

中华人民共和国机械行业标准

JB/T 2728.2-2008

Replace JB/T 2728.5-1996

**Gas cooler for electrical machinery—
Part 2: Specification for bunched-fin
type gas cooler**

电机用气体冷却器

第 2 部分：穿片式气体冷却器技术要求

Issued on June 16, 2008

Implemented on December 01, 2008

Issued by Development and Reform Commission of People's Republic of
China

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Foreword

JB/T 2728 *Gas cooler for electrical machinery* consists of five parts:

- Part 1: General
- Part 2: Specification for bunched-fin type gas cooler;
- Part 3: Specification for squeeze type gas cooler;
- Part 4: Specification for wrapped-fin type gas cooler;
- Part 5: Specification for spring type gas cooler;

This is part 2 of JB/T 2728.

This part will replace JB/T 2728.5-1996 *Gas cooler for electrical machinery Specification for bunched-fin type gas cooler*.

Comparison with JB/T 2728.5-1996, main changes of this part are as follows:

- Added “Copper belt” into materials defined in bunched-fin type gas cooler;
- Added type of tube and fin material in specification.

This part is proposed by China Machinery Industry Federation.

This part is under the jurisdiction of National Technical Committee (SAC/TC 26) on Electric Rotating Machinery of Standardization Administration of China.

This part is interpreted by National Technical Committee on Electric Rotating Machinery of Standardization Administration of China

Draft units of this Standard: Hubei Dengfeng Heat-exchanger Co., Ltd, Cooler Factory, Electronic Industry Company, Harbin Electrical Machinery Plant, Yingkoii Ventilating Machinery Co., Ltd, Wuxi Huashen Thermal Fluid Equipment Plant and Harbin Large-size Electrical Machine Research Institute.

Main drafters of this part are Chen Meicai, Guo Qi, Zhang Wangyong, Wang Jianwei and Li Guangde.

The issuing situations of historical versions of standards replaced by this Standards are:

- JB 2728-1980, JB/T 2728-1992, JB/T 2728.5-1996.

Gas Cooler for Electrical Machinery ---

Part 2: Specification for Bunched-fin Type Gas Cooler

1 Scope

JB/T 2728 specifies the technical requirements of bunched-fin type gas cooler for electrical machinery.

This part of text is applicable to all types of bunched-fin type gas cooler for electrical machinery.

2 Normative references

The articles contained in the following documents have become this part of JB/T 2728 when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this part. For the undated documents so quoted, the latest editions shall be applicable to this part.

GB/T 1527 Drawn tube of copper and copper alloys

GB/T 2059 Strip of copper and copper alloy

GB/T 3198 Aluminium and aluminium alloys foils

GB/T 3624 Titanium and titanium alloy seamless tubes

GB/T 3880.1 Wrought aluminium and aluminium alloy plates, sheets and strips for general engineering - part 1: Technical conditions of delivery

GB/T 8890 Seamless copper alloy tube for heat-exchanger

GB/T 14976 Seamless stainless steel pipes for fluid transport (GB/T 14976-2002, ASTM A269: 2000, NEQ)

JB/T 2728.1-2008 Gas cooler for electrical machinery—Part 1: General

3 Terms and definitions

For the purpose of this part, the following terms and definitions shall apply.

3.1

Bunched-fin type gas cooler

Gas cooler composed of bunched-fin element is called as bunched-fin type gas cooler as



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