Chinastandards.org

ICS 91.140.10
CCS Q 83

JG

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JG/T 220-2016

Replacing JG 220-2007

Copper-aluminum column-wing type radiator

(English Translation)

Issued on: June 1, 2016 **Implemented on: December 1, 2016**

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

Preview: page 1 of 4 shown, 9 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jg-t-220-2016

Chinastandards.org

Table of Contents

Preface
1 Scope
2 Normative references
3 Terms and definitions
4 Specifications and models
5 Materials and structure
6 Requirements
7 Test Method
Inspection rules
9 Logo, instruction manual and certificate
10 Packaging, transportation and storage
Appendix A (Normative) Expanded composite shear stress test method

Foreword

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

This standard is the JG 220-2007 "copper aluminum composite airfoil radiator" revision, compared with JG 220-2007 main technical changes as follows.

--- Modify the nominal heat;

--- Modify the composite shear stress;

--- Modify the thread quality requirements;

--- Modify the coating adhesion determination.

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

This standard by the Ministry of Housing and Urban Construction Environment and Energy Standardization Technical Committee.

This standard was drafted. China Construction Metal Structure Association, Harbin Institute of Technology, International Copper Association (China), Qingdao University of Technology, China Academy of Building Research, the National Radiator Quality Supervision and Inspection Center, the State Building Materials Industry Construction Hardware Plumbing Product Quality Supervision Test Center, Tianjin Martin Kanghua Stainless Steel Products

Preview: page 2 of 4 shown, 9 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jg-t-220-2016

Co., Ltd., Sheng Chun Ji radiator Co., Ltd., Sunder (China) Limited HVAC equipment Company, Tangshan Chase Metal Products Co., Ltd., Jiangsu Anpengbao Fort Radiator Co., Ltd., Gaomi City, Central Asia HVAC Equipment Co., Ltd., Guangdong Sunflower HVAC Equipment Co., Ltd., Beijing Pai Jie HVAC Environmental Engineering Co., Ltd., Henan Qianfeng HVAC Technology Co., Ltd., orchid Longxing Wolkai Heating Equipment Manufacturing Group Co., Ltd., Harbin Maoershan radiator limited liability company, Longkou Nanshan Plastic Building Materials Limited, Beijing St. Lawrence Radiator Manufacturing Co., Ltd., Florence (Beijing) HVAC Technology Co., Ltd., Shandong Xinhua Star HVAC Technology Co., Ltd., Hebei harmony Refrigeration Equipment Co., Ltd.

1 Scope

This standard specifies the terms and definitions, specifications and models, materials and knots of copper-aluminum composite post airfoil radiator (hereinafter referred to as "radiator") Structure, requirements, test methods, inspection rules, signs, instructions and certificates, packaging, transportation and storage.

This standard applies to industrial and civil heating systems, hot water temperature is not higher than 95 °C, water quality in line with GB/T 29044-2012 4.5 provisions of the radiator.

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 GB/T 985.1 gas welding, arc welding, gas shielded welding and high-beam welding recommended groove GB/T 1732 film impact resistance assay GB/T 2828.1 Sampling procedures for inspection - Part 1. Batch inspection sampling plan by acceptance quality limit (AQL) Deformed aluminum and aluminum alloy chemical composition GB 5237.1 aluminum alloy building profiles - Part 1. Substrate GB/T 7306.1 55 ° sealing pipe threads - Part 1. Cylindrical and tapered male thread GB/T 8544 aluminum and aluminum alloy cold-rolled strip Tests for crosshatch of paints and varnishes - GB/T 9286-1998 GB/T 9969 Industrial Products Manual General GB/T 11618.1 brass fittings - Part 1. Brazed pipe fittings GB/T 13237 quality carbon structural steel cold-rolled steel sheet and strip Radiators for heating radiators - Determination of heat content GB/T 13754-2008 Seamless copper tubes for air conditioning and refrigeration equipment GB/T 17791-2007 Water quality of heating and air conditioning systems GB/T 29044-2012 Technical Specification for Welding and Brazing of HGJ223 Copper and Copper Alloy HG/T.2006 thermosetting powder coating

Preview: page 3 of 4 shown, 9 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jg-t-220-2016

Chinastandards.org

3 Terms and definitions

The following terms and definitions apply to this document.

By the column copper tube and aluminum wing expansion joint compound, and then combined with the upper and lower brass welded heat sink shape.

Nominal heat dissipation nominalthermaloutput Test sample measured value converted into length (L) 1000mm heat dissipation.

Preview: page 4 of 4 shown, 9 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jg-t-220-2016