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**Minimum Allowable Values of Energy Efficiency and
Energy Efficiency Grades for Low Ambient Temperature
Air Source Heat Pumps (Water Chiller) Packages**

低环境温度空气源热泵（冷水）机组能效限定值及能效等级

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Foreword

This Standard was drafted as per the rules specified in GB/T 1.1-2009.

This Standard was proposed by and under the jurisdiction of Standardization Administration of PRC.

Drafting organizations of this Standard: China National Institute of Standardization; Gree Electric Appliances Inc. of Zhuhai; Qingdao Economic & Technology Development Zone Haier Water Heater Co., Ltd.; Hefei General Machinery Products Testing Institute Co., Ltd.; TsingHua TongFang Artificial Environment Co., Ltd.; Emerson Climate Technologies (Suzhou) Co., Ltd.; Beijing University of Technology; Shenzhen McQuay Air Conditioning Co., Ltd.; Shanghai Hanbell Precise Machinery Co., Ltd.; Shanghai Hitachi Electrical Appliances Co., Ltd.; Danfoss (Tianjin) Co., Ltd.; Shandong Melinda Renewable Energy Development Co., Ltd.; Guangdong Euroklimat Air-Conditioning & Refrigeration Co., Ltd.; York (Guangzhou) Air Conditioner Refrigerating Equipment Co., Ltd.; Zhejiang DunAn Electro-Mechanical Technology Co., Ltd.; Guangdong Xiwu Kangda Air Conditioning Co., Ltd.; Guangdong Midea Heating & Ventilating Equipment Co., Ltd.; Guangdong Jirong Air-Conditioning Co., Ltd.; Guangdong Shenling Air-Conditioning Equipment Co., Ltd.; Zhejiang Zhongguang Electric Appliances Co., Ltd.; China Energy Conservation Association; Suzhou Invotech Scroll Technologies Co., Ltd.; Zhejiang AMA & HIEN Technology Co., Ltd.; Guangdong New Energy Technology Development Co., Ltd.; and Yangzi Bitwise Central Air Conditioner Co., Ltd.

Chief drafting staffs of this Standard: Cheng Jianhong, Liu Hua, Zheng Xiaofeng, Zhang Mingsheng, Kong Weili, Liu Qiang, Li Hongqi, Pan Likui, Deng Zhuang, Chen Jin, Zhou Yi, Qian Kun, Li Gang, Chen Jun, Hu Xianghua, Wang Xinmin, Peng Jinghua, He Li, Wu Jiesheng, Ling Rongjun, Ma Jinping, Liu Meng, Song Zhongkui, Wen Maohua, Pan Zhanhua, Ouyang Jun, Hang Yuangong, Zhao Misheng, and Wang Jianjun.

Minimum Allowable Values of Energy Efficiency and Energy Efficiency Grades for Low Ambient Temperature Air Source Heat Pumps (Water Chiller) Packages

1 Scope

This Standard specifies energy efficiency grades, technical requirements and test methods of low ambient temperature air source heat pumps (water chiller) packages.

This Standard is applicable to the air-water low ambient temperature air source heat pumps (water chiller) packages driven by electric motors and operating at the low ambient temperature; low ambient temperature air source heat pumps water heater for heating; heating-purposed low temperature heat pump water heater for commercial & industrial and similar application.

This Standard is not applicable to the low ambient temperature air source multi-connected air conditioning packages and air-air type low ambient temperature air source heat pump packages.

2 Normative References

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) are applicable to this document.

GB/T 21362-2008 Heat Pump Water Heater for Commercial & Industrial and Similar Application

GB/T 25127.1-2010 Low Ambient Temperature Air Source Heat Pump (Water Chilling) Packages - Part 1: Heat Pump (Water Chilling) Packages for Industrial & Commercial and Similar Application

GB/T 25127.2-2010 Low Ambient Temperature Air Source Heat Pump (Water Chilling) Packages - Part 2: Heat Pump (Water Chilling) Packages for Household and Similar Application

JB/T 12841-2016 Low Ambient Temperature Air Source Heat Pump Water Heater

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Contact: Wayne Zheng, Sales@ChineseStandard.net

Linkin: <https://www.linkedin.com/in/waynezhengwenrui/>

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