



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

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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**

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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.

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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

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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