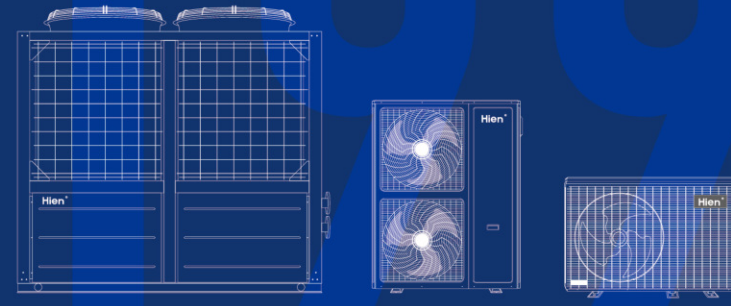


Hien®

COMPANY PROFILE



Hien®

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Professional Heat Pump Field Solution Manufacturer

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**THIS IS A MOMENT TO MOVE TOWARDS
A GREEN AND SUSTAINABLE FUTURE**

**WE ARE FACING A GREEN WAVE LEADING
THE GLOBAL INDUSTRIAL REVOLUTION**

**HIEN IS COMMITTED TO BUILDING A GREEN
ENVIRONMENTALLY FRIENDLY, SAFE AND EFFICIENT LIFE**

DEVELOPMENT HISTORY

1992
The company Zhengli was founded, major in electronic component manufacturing.

2003
The first air source Heat pump water heater Was produced.

2013
Hien is the first one to replace boiler with air source heat pump for heating.

2010
The first ultra-low temperature Air source heat pump Was produced.

2016
Launch of dual-supply series Heat pump products.

2015
The first cascade air source Heat pump launched into the market.

2000
Set up Shengneng(Hien), We entered the air source industry.

2019
We gained the honor of Made in Zhejiang "Pinzibiao"

2021
We won the title of "Little Giant" issued by The Ministry of Industry and Information Technology.

2020
Full category layout of Smart Home

2022
Establish the overseas sales Subsidiary Hien New Energy Equipment Ltd.

2023
Awarded the National Green Factory' certification

2025
Establishment of a Branch Office in Germany



ENTERPRISE STRENGTH

Hien is a leading brand in the Chinese heat pump industry, integrating product research and development, equipment production, sales, and service. Our products cover four major areas: cooling and heating, hot water, drying, and swimming pool heat pumps. We have the capacity to produce 1 million air source heat pumps annually, and we empower every stage of product manufacturing with advanced modern processing and manufacturing equipment.



Daode Huang
Hien CEO

Mr. Huang Daode is an influential entrepreneur and chairman of Zhejiang AMA&Hien technology Co.,LTD. Starting from scratch in 1989, he has led the transition from the electronic connector industry to becoming a prominent figure in the production of air source heat pumps. His dedication and unwavering commitment to sustainable energy have been recognized through numerous awards and accolades, firmly establishing him as a distinguished authority in the industry.



PRODUCTION EXPERIENCE

30+ Years



PRODUCTION LINES

6+ Lines



R&D TEAM

100+ Workers



TRANSACTION AMOUNT

1,100,000,000+

COMPANY SCALE

With 25 years of dedication to air source heat pumps, Hien leads the industry in R&D and manufacturing. The Group now owns two renowned brands — “Hien” and “AMA” — operates two large manufacturing bases, 15 branches and subsidiaries, and collaborates with over 5,300 strategic partners across China.



15
COMPANIES

2
LARGE MFG. BASES

15
BRANCHES &
SUBSIDIARIES

5,300
STRATEGI PARTNERS



Our after-sales service team is always on standby to provide customers with the most considerate service. Whether it's installation and commissioning, maintenance and repair, or technical support, we will respond as quickly as possible to ensure that your equipment is always in the best operating condition.

To better serve our European customers, we are setting up storage and training bases in **Germany, Italy, and the United Kingdom.**



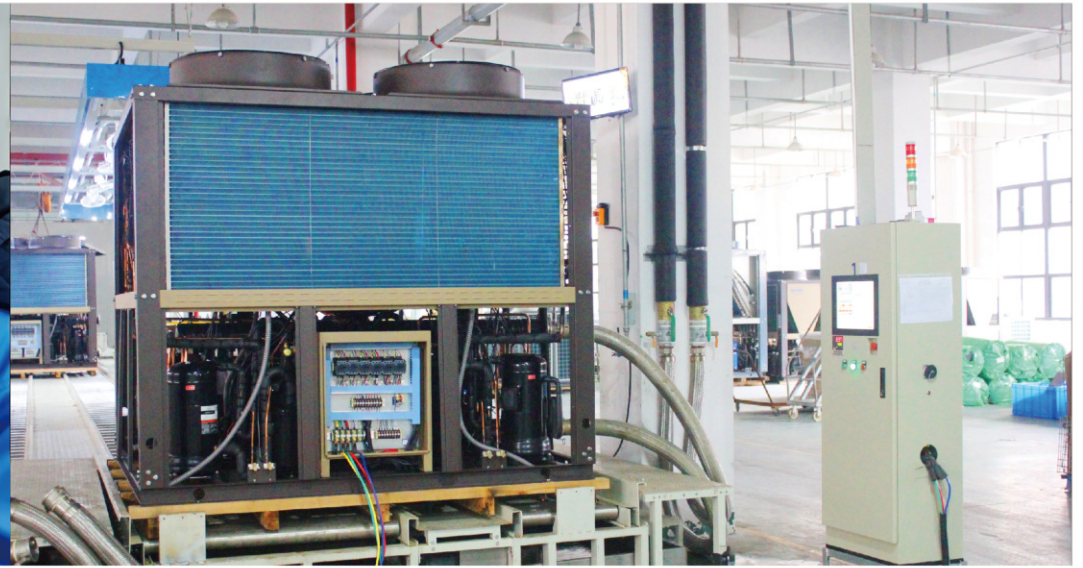


R&D STRENGTH

The existing research and development site covers an area of 5000 square meters, with research equipment worth more than 20 million yuan, and 106 technical personnel. The expertise covers thermal power, electrical engineering, environmental engineering, energy management, and the safe operation management of thermal power plants.



Hien has 130+ invention patents, 2 R&D centers and a national post-doctoral workstation, focusing on air source heat pump core tech R&D for 23+ years. Understanding your pain points, we offer top ODM services with tailored solutions. Let us handle tech, you focus on business growth.



WORLD-CLASS R&D CAPABILITY INDUSTRY'S BIGGEST LABORATORY CLUSTER

Equipped with a -35°C national-level environmental performance lab, a CNAS-accredited laboratory, and 30+ specialized labs, the company has built one of the industry's largest laboratory clusters, certified by authoritative bodies.

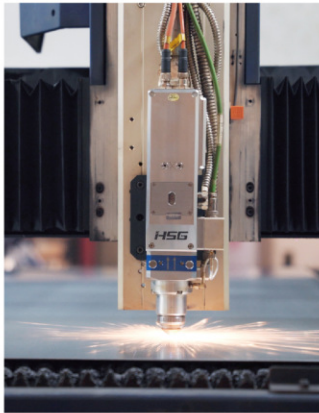
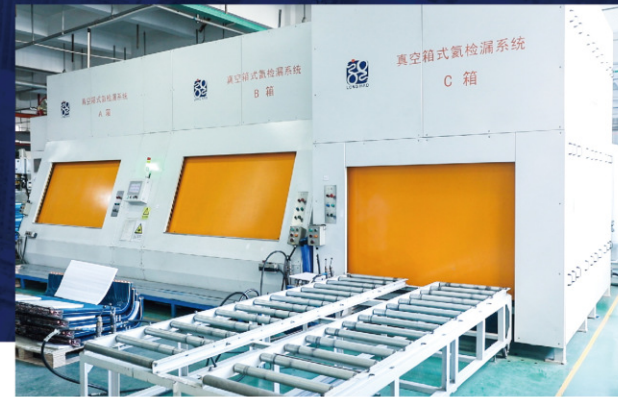


PRODUCTION ABILITY

95% IN-HOUSE CORE COMPONENTS

THE INDUSTRY'S MOST COMPLETE FULL-INDUSTRY-CHAIN ENTERPRISE

With 12 component workshops under strict quality control, Hien is equipped with advanced facilities for producing four core components — evaporators, condensers, compressors, and controllers — supported by high-performance testing equipment to ensure strong capacity and premium quality.

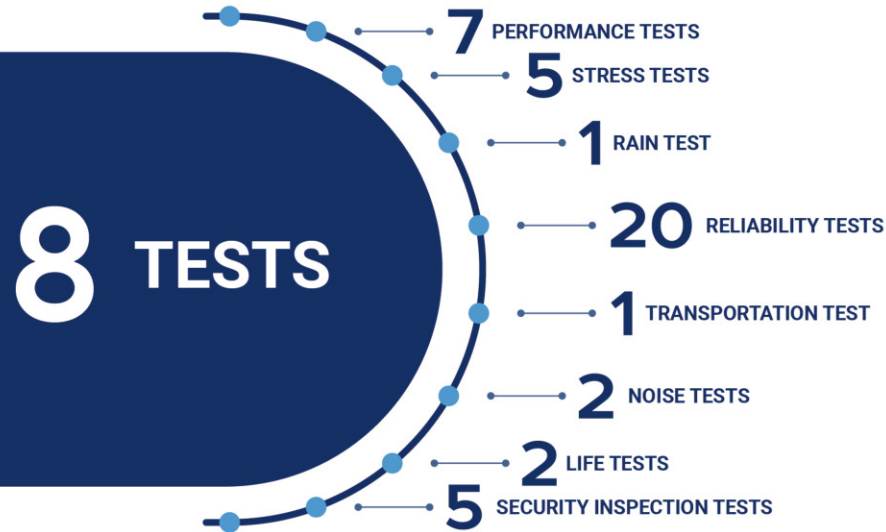


Currently, each workshop is equipped with 236 types of automated equipment, including over 20 key devices such as fully automatic G-type bending machines, vacuum helium testing equipment, high-speed punch presses, automatic non-shrinking tube expander machines, fully automatic pipe making machines, and CNC punch presses.

The production workshop has always aimed to achieve "lean production" and "green manufacturing", consistently adhering to independent innovation and actively improving traditional processes and developing automation projects. In order to better coordinate production, advanced production equipment has been installed in each workshop. With an annual output value of around 2 billion, it is one of the largest production bases in the professional heat pump field.

QUALITY CONTROL

Each air source heat pump must pass 43 standard tests in 8 categories from the beginning of production to the finished product.



14 QUALITY INSPECTIONS

SUPERIOR CRAFTSMANSHIP · INTERNATIONAL QUALITY



High-Temperature Test

60 °C water temperature stability test.



Simulated Condition Test

Stability verification under multiple operating conditions.



Precision Measurement

Temperature, water flow, current, power, COP, heating capacity.



Halogen Leak Detection

Accuracy up to 0.1 g/y.



Electrical Safety Tests

Withstand voltage, leakage current, grounding resistance, insulation.

ISO 9001 QUALITY DEFINITION

Quality:

The degree to which a set of inherent characteristics meets requirements.

Requirements:

Includes implicit and specified needs, which in many cases may change over time.

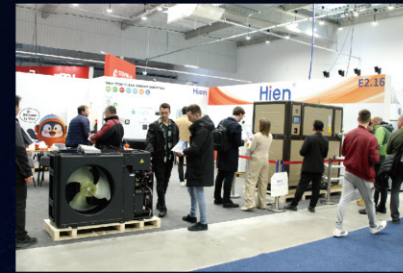
Quality Policy:

"Adopt advanced technology, adhere to continuous innovation, enhance customer satisfaction, and fulfill quality commitments."



EXHIBITION

2024-2025



**2025
WARSAW HVAC EXPO**
WARSAW, POLAND
BOOTH: HALL E, E2.16
SIZE: 69 m²



**2024 MCE
MOSTRA CONVEGNO
EXPOCOMFORT**
MILAN, ITALY
BOOTH: HALL 3, M50
SIZE: 60 m²

2025 ISH
FRANKFURT, GERMANY
BOOTH: HALL 12.0, E29
SIZE: 156 m²



**2024
INSTALLER SHOW**
BIRMINGHAM, UK
BOOTH: HALL 5, 5F81
SIZE: 44 m²



**2025
HEAT PUMP
TECHNOLOGIES**
MILAN, ITALY
BOOTH: C22
SIZE: 32 m²



**2025
ISH CHINA & CIHE**
BEIJING, CHINA
BOOTH: E4-03
SIZE: 400 m²

**2025
INSTALLER SHOW**
BIRMINGHAM, UK
BOOTH: HALL 5, 5F54
SIZE: 65 m²





INTERNATIONAL INSTALLATIONS



POLAND



ITALY



HUNGARY



GERMANY



FRANCE



SPAIN



ARMENIA



TÜRKIYE

PROJECTS IN CHINA

300,000+ COAL-TO-ELECTRICITY USERS
RANKED AMONG INDUSTRY **TOP 5**



COMMERCIAL HEATING PROJECT

Heating Project for Jiulong Community, Hebei

Project Overview:
Total building area of approximately 200,000 square meters

Unit Configuration: 70 units of DLRK-160II/C4

MORE THAN **70,000** PROJECTS COMPLETED SO FAR
MORE THAN **6.5 MILLION** PRODUCTS DELIVERED.



CLEAN ENERGY PROJECT

Sanyuan County, Xianyang

Project Overview:
Winter clean heating pilot project.

Unit Configuration:
1,174 units of Shengneng DLRK - 4 I BM/C1



RESIDENTIAL HEATING PROJECT

Project Title:
Rural Clean Energy Heating Project in Lingwu City

Unit Configuration: 10,031 units of DLRK-13IBM



CLEAN ENERGY PROJECT

Jungar Banner, Ordos

Project Overview:
Coal-to-electricity clean heating project.

Unit Configuration: 450 units



COMMERCIAL HOT WATER PROJECT

Hot Water Project for Hengshui High School in Hengshui City, Hebei Province

Hot Water: 500 tons

Unit Configuration: 48 units of DKFXRS-32II/C2



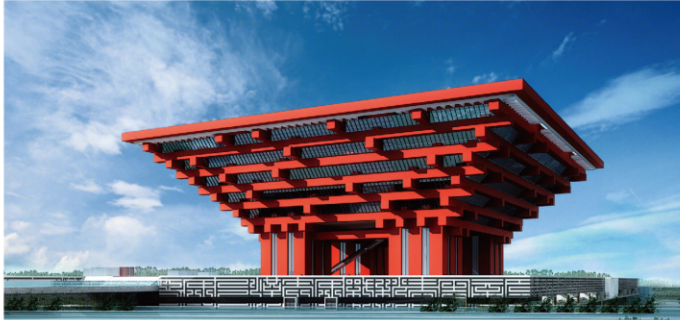
CLEAN ENERGY PROJECT

Menghai Town, Hangjin Rear Banner, Bayannur

Project Overview:
Winter clean heating project.

Unit Configuration: 291 units

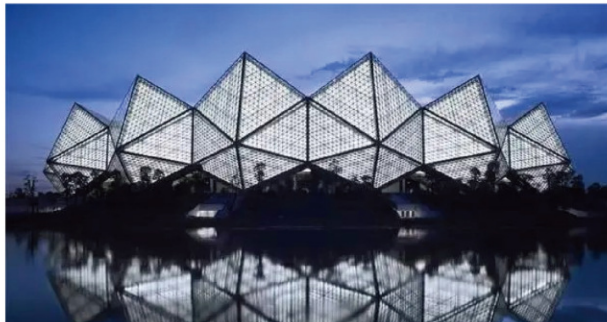
HIGHLIGHT PROJECTS



The 2008 Shanghai World Expo.



The 2013 Boao Summit for Asia in Hainan.



The 2011 Universiade in Shenzhen.



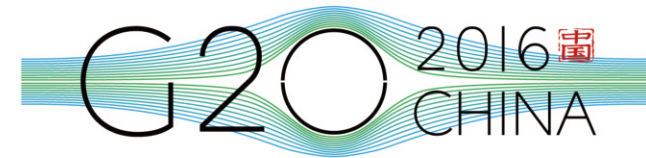
Universiade SHENZHEN 2011



The artificial island hot water project of the Hong Kong-Zhuhai-Macao Bridge in 2019.



2016 the hot water reconstruction project of Qingdao port.



2016 the G20 Hangzhou Summit.



BEIJING 2022



BEIJING 2022

The 2022 Beijing Winter Olympic Games & Paralympic Games.



19th Asian Games Hangzhou 2022

2023 the Asian Games in Hangzhou