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HIENT COMPANY PROFILE

Hien[®]





**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**

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Mr·Huang Daode is an influential entrepreneur and chairman of Zhejiang AMA&Hien technology Co,LTD. and Zhejiang Hien New Energy Equipment 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.

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.

2000

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

2015

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

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

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. Furthermore, Hien has established a company in Germany, strengthening its global footprint.



WITH A ROBUST PRESENCE SPANNING THE NATION,
HIEN PROUDLY OPERATES **1529** SERVICE OUTLETS ACROSS CHINA.

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.



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.



R&D STRENGTH



With more than 130 invention patents, 2 R&D centers, a national - level post-doctoral research workstation, Hien has been committed to research and development on the core technology of air source heat pump for more than 23 years. We understand the pain points our customers face. That's why we're proud to offer exceptional ODM services. Our dedicated team strives to provide tailored solutions that perfectly meet your unique needs. Let us take care of the technicalities while you focus on growing your business.

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.



PRODUCTION ABILITY



14 QUALITY TESTS EVERY UNIT IS STRICTLY INSPECTED BEFORE DELIVERY

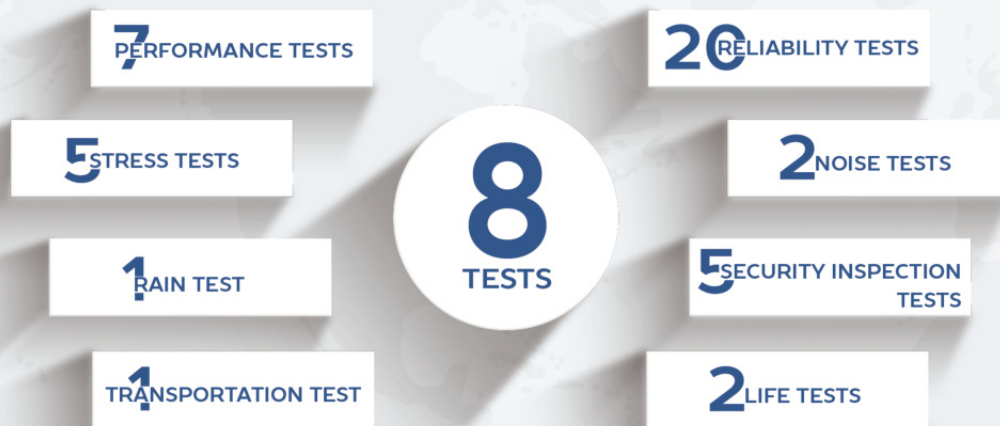
Hien is a leading brand in the Chinese heat pump industry, integrating product research and development, equipment production, sales, and service. Our products cover four major areas: cooling and heating, hot water, drying, and swimming pool heat pumps. We have the capacity to produce 1 million air source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

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.



ISO9000 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."

WHY DO BUSINESSES NEED HIGH QUALITY?

Direct Expression:

- Reduced failure rate
- Less rework and waste
- Reduced inspection and testing
- Reduced market maintenance rate
- Shortened time to market for new products
- Increased product price

Indirect Cause:

- High customer satisfaction
- Reduced manufacturing costs
- Lower inspection expenses
- Reduced maintenance costs
- Increased market share
- Increased profits



INSTALLATION EXHIBITIONS 2024-2025

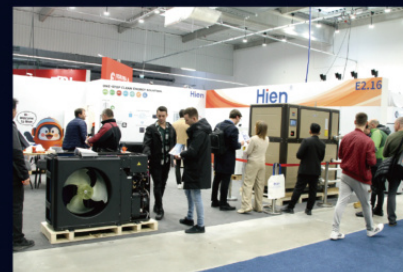


2024 MCE MOSTRA CONVEGNO EXPOCOMFORT

MILAN, ITALY

BOOTH: HALL 3, M50

SIZE: 60 m²



2025 WARSAW HVAC EXPO

WARSAW, POLAND

BOOTH: HALL E, E2.16

SIZE: 69 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



TÜRKIYE



GERMANY



FRANCE



ARMENIA



SPAIN

EXCELLENT PROJECTS IN CHINA

300,000+ COAL-TO-ELECTRICITY USERS
RANKED AMONG INDUSTRY **TOP 5**
MORE THAN **70000** PROJECTS COMPLETED SO FAR
MORE THAN **6.5 MILLION** PRODUCTS DELIVERED.



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



RESIDENTIAL HEATING PROJECT

Project Title:
Rural Clean Energy Heating Project in Lingwu City

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



COMMERCIAL HOT WATER PROJECT

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

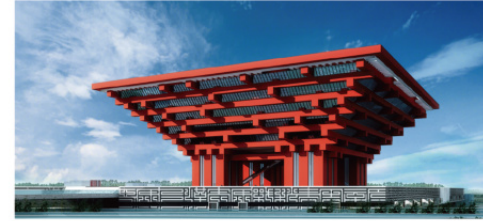
Hot Water: 500 tons

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



HIGHLIGHT

The 2008 Shanghai World Expo.



The 2013 Boao Summit for Asia in Hainan.



The 2011 Universiade in Shenzhen.



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.



The 2022 Beijing Winter Olympic Games & Paralympic Games.



2023 the Asian Games in Hangzhou