



Continental Hope Group

Hope Deepblue Air conditioning Manufacture Corp., Ltd.

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 希望深蓝

Hope Deepblue

Chinese Construction Energy Conservation and
Emission Reduction Enterprise

Top 10 Chinese Trusted Brands

Top 10 in the Most Influential Brand in Chinese HVAC Industry

Member of China Leading Group of Carbon Dioxide Emissions&

Carbon Neutrality in Refrigeration&Air-conditioning

Hope Deepblue Air Conditioning Manufacture Corp.,Ltd.

希望深蓝空调制造有限公司



Continental Hope Group

Hope Group, founded by four brothers -- Liu Yongyan, Liu Yongxing, Chen Yuxin, Liu Yonghao in 1982. It was honored "No.1 in China's 500 Largest Private Enterprises", "No.1 in Private Technology Enterprises in China Industry and Income", " No.1 in China's Largest Private Manufacturing Enterprise ", by the Chinese state administration for industry and commerce and other authoritative organizations. It has become a banner of private enterprises in China.

After years steady development, Continental Hope Group has been a diversified comprehensive group with the development of mechanical&electrical, energy&chemical industry, travel&real estate, construction contractor, intelligent technology, and international trade. Its business includes energy saving and transmission control, new energy, HVAC, intellectual epidemic prevention system, architectural engineering, intelligent engineering, salt chemical industry, power, hydro-power, new materials, high-end hotels, commercial, scenic spots, parks, real estate, wisdom health, food, fodder, financial, investment, artificial intelligence and other fields.

Continental Hope Group focuses on high technology, taking the comprehensive utilization of resources as the link. It is around the "energy conservation and environmental protection, recycling economy, high-quality life, urban movement, intelligent technology, international business" to carry on the industrial layout. It has formed a tight, three-dimensional upstream and downstream industry chain, to compete with others in a large-scale industrial cluster mode, and has devoted itself to provide long-term excellent products and service for China and international markets.





立足中国 服务全球
Based on China
Service All Over The World

Hope Deepblue Air Conditioning Manufacture Corp.,Ltd.

Hope Deepblue Air conditioning Manufacture Co.,LTD., founded in 1997, is a national key high-tech enterprise invested by Continental Hope Group. The company, located in the national key high-tech development zone Chengdu High-tech West Zone, is an absorption chiller& heat pump equipment production base in western China, is a member of China Leading Group of Carbon Dioxide Emissions&Carbon Neutrality in refrigeration&air conditioning. The company is committed to the research and development, production, sales and service in the field of absorption chiller, heat pump, industrial waste heat utilization, "one-stop"system solutions. The company mainly produces lithium bromide absorption chiller, heat pump, central vacuum hot water unit, which have been exported to many countries and regions. "Deepblue Green Energy Center", conducted by Hope Deepblue, the first combined cooling, heating and power system with independent intellectual property rights in China, has been running safely and stably since 2003. It is one of the most mature and reliable distributed energy system with the longest stable operation in China.



The company, known as "Waste Heat Utilization Expert", has a strong technical advantage, a nationwide marketing, service network. Its products have won widely recognition in the HVAC, power plant, heating plant, coking, textile, pharmaceutical, chemical, food, and other industrial fields.

The company's products have obtained a large number of patents, proprietary technology, national industrial product production license. It has passed ISO9001 International Quality System Certification, ISO14001 Environmental System Certification, OHSAS18001 Occupational Health and Safety Management System Certification, CE Certification, CCC National Mandatory Product Certification, CRAA Certification, CSC Energy-saving Product Certification, Disinfection Product Enterprise Hygienic License and other certifications. It has won the Gold Medal of China Science and Technology Expo and the Gold Medal of China Patent Technology Expo. Moreover, it has been included in the National Torch Plan Project, National Key New Product Project, China Energy Conservation Project Construction Key Recommended Units, Top 10 in the Most Influential Brand Chinese HVAC Industry, Top 10 in the Most Trusted National Brand among Chinese Designers, the China Building Energy Conversation and Emission Reduction Model Enterprise, the Leading Enterprise in the field of waste heat recovery in China, the Special Contribution Award in the field of building environment and equipment.

Certifications and Awards

Business License



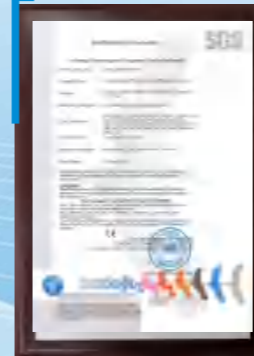
National Industry Products Production License



High-tech Enterprise Certification



CE Certification



ISO9001 Certification



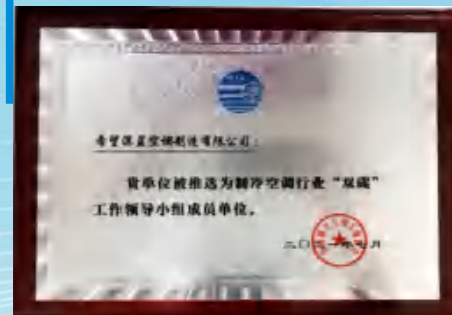
ISO14001 Certification



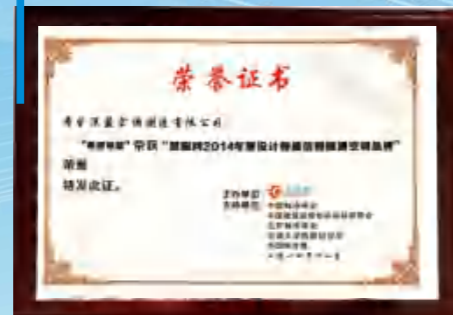
ISO45001 Certification



Member of China Leading Group of Carbon Dioxide Emissions&Carbon Neutrality



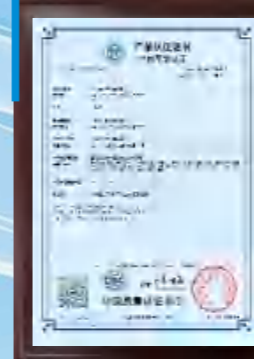
Top 10 Chinese Trusted Brands



Chinese Construction Energy Conservation and Emission Reduction Enterprise



Energy-saving Product Certification



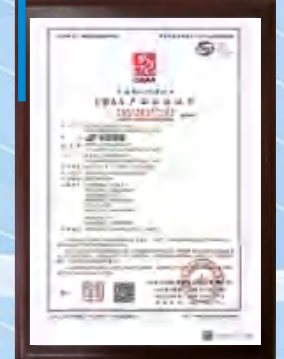
National Torch Plan Project



Best Patent Project



CRAA Certification



Manufacturing Equipment



CNC Processing Center



CNC Drilling Machine



Submerge-Arc Auto Welding Machine



CNC Cutting Machine



Auto Welding Robot



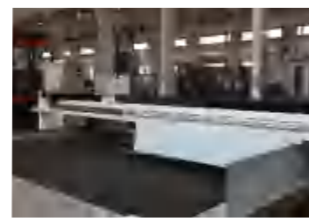
Sheet Metal Processing Center



Hydraulic Plate Shear



Painting Room



Hydraulic Cutting Machine



Laser Cutting Machine



Intelligent Machining Center



Deburring Machine

Testing Equipment



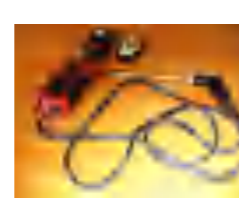
Helium Leakage Detector



X-Ray Detector



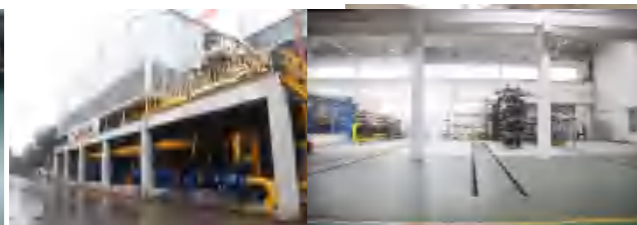
Welding Seam Inspector



Flue Gas Analyzer



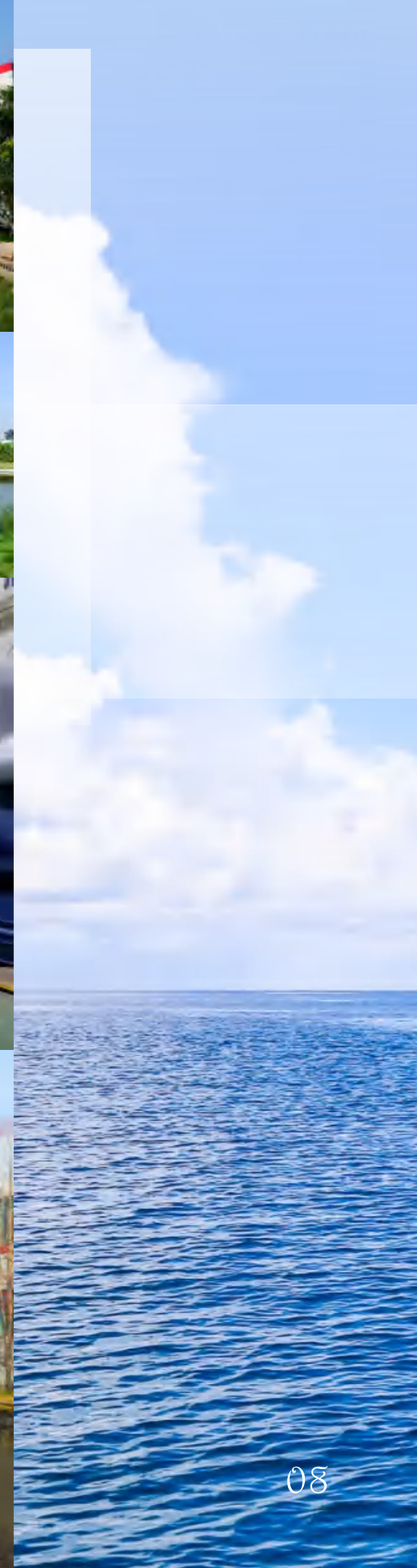
07 Electric Testing Device



Whole Unit Performance Testing Center



Ultrasonic Pipe Flaw Detector



Main Products



Direct Fired LiBr Absorption Chiller(Heater)



Steam Fired LiBr Absorption Chiller(Heater)



Hot Water LiBr Absorption Chiller(Heater)



Flue/Exhaust Gas LiBr Absorption Chiller(Heater)



LiBr Absorption Heat Pump



Big Delta T LiBr Absorption Heat Exchanger



Central Vacuum Water Heater(Boiler)

HOPE DEEPBLUE
Greener World Bluer Sky



Waste Heat Utilization Expert

In the general process of industrial production, there are many waste heat resources that are not fully utilized.

In the past 30 years, Hope Deepblue has completed a large number and successful waste heat recovery and utilization cases in coking, chemical, steel, pharmacy, thermal power, oil field, solar energy, food, poly silicon, rubber tires, power plants, petroleum, urban central heating and other industrial fields.

Hope Deepblue not only helps users to save a lot of disposable energy consumption, such as coal, fuel oil and gas, but also greatly reduces carbon dioxide emission while gaining benefits and saving energy.

The quality of Hope Deepblue 's absorption unit has been unanimously affirmed by customers from various countries and regions.



Industrial Applications of LiBr absorption Unit (part, for reference only)

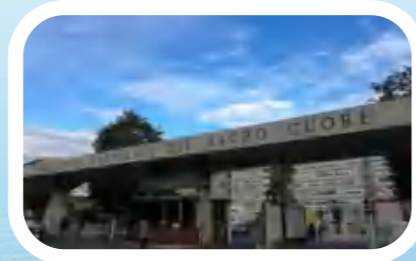
Industry	Available energy	Type and Option
Petrochemical industry	Hot water Steam Fuel	<ul style="list-style-type: none"> ◆ Use waste heat from the desalination and distillation process. ◆ Recycle the waste oil and water replacement heating furnace. ◆ Hot water unit/steam unit/direct fired unit/heat pump.
Distributed energy	Flue Gas Hot water Steam	<ul style="list-style-type: none"> ◆ Use heat of jacket hot water from flue gas or generator. ◆ Hot water unit/ steam unit/ multi-energy unit/heat pump.
Solar energy	Hot water Steam Fuel	<ul style="list-style-type: none"> ◆ Use heat energy from solar collectors. ◆ Hot water unit/conducting oil/multi-energy unit.
Combined cooling, heating and power (CCHP, Tri-gen)	Flue Gas Hot water	<ul style="list-style-type: none"> ◆ Use waste heat from power generator set. ◆ Hot water unit/steam unit/flue gas unit/multi-energy unit.
Beer brewing	Hot water Steam	<ul style="list-style-type: none"> ◆ Use waste heat from furnace and fermentation. ◆ Steam unit/hot water unit.
Printing	Hot air	<ul style="list-style-type: none"> ◆ Recycle waste heat from air compression drying equipment ◆ Hot water unit.
Paper making	Steam Hot water	<ul style="list-style-type: none"> ◆ Use heat from burning/processing wood. ◆ Steam unit/hot water unit/heat pump
Palm oil production	Steam Hot water	<ul style="list-style-type: none"> ◆ Recycle waste heat from sterilization, purification and preheating of seed storage. ◆ Steam unit/hot water unit
Waste incineration	Flue gas Steam	<ul style="list-style-type: none"> ◆ Recycle heat from waste flue gas. ◆ Hot water unit/steam unit/flue gas unit/heat pump.
Landfill gas methane gas	Flue gas Fuel	<ul style="list-style-type: none"> ◆ Use heat from a methane burner or boiler. ◆ Hot water unit/ steam unit/ direct fired unit.
Geothermal	Hot water Steam	<ul style="list-style-type: none"> ◆ Use hot water or steam from geothermal well. ◆ Hot water unit/ steam unit/ heat pump.



Leonardo Airplane factory



Michelin Tire Factory



Rome Gemilli Hospital



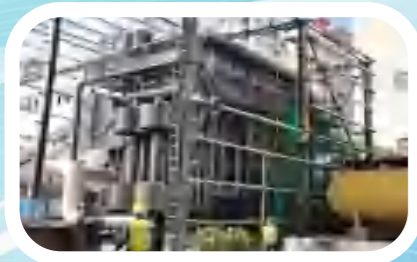
EU JRC Center



Sonderborg City Heating Station



Rome Central Railway Station



Baotou LP steam Heat Pump



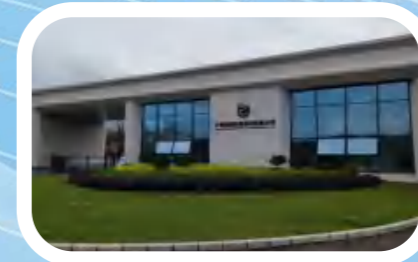
Western China International Expo Center



Sinopec Oil Field



Baowu Steel Group



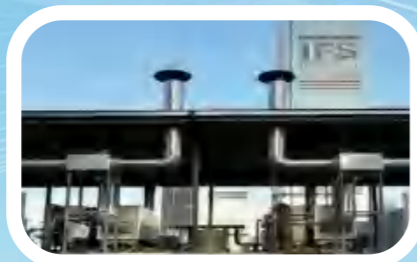
Tongwei Silicon Group



Jiujiang Coking Group.



Jiahua Coal Chemical Group



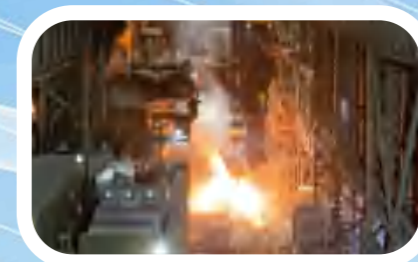
Changsha WFJ Shopping Mall



China Energy Conversation Group



Jiangyou Power Plant



Pan Steel Group



Sinopec Oil Station