



H.Stars (Guangzhou) Refrigerating Equipment Group Ltd.

Product Brochure





COMPANY PROFILE

H.Stars (Guangzhou) Refrigerating Equipment Group Ltd., established in Economic & Technological Development Zone of Guangzhou, China in 1992, composed of 8 subsidiaries to provide one-stop solution to HVAC customers, specializing in R&D, production, design and installation. As the company grows, H.Stars group expands its business globally and has sold to 53 different countries. H.Stars Group is awarded with "New and High Technology Enterprise in Guangzhou" and has become the training base of many universities both in China and abroad via technology cooperation.

H.Stars group supplies an extensive line of Commercial and Industrial Energy Saving HVAC products including: Air Cooled Chiller, Water Cooled Chiller, Industrial Chiller, Centrifugal Chiller, Magnetic oil free centrifugal chiller, Multi-function Chiller, Hot Water Unit, Heat Recovery Unit, Heat Pump Unit, Dual Source Heat Pump, Condensing Unit, Glycol Chiller, Shell and Tube Heat Exchanger, Air Handling Unit, Fan Coil Unit, Cooling Tower, etc. all type of HVAC products.

H.Stars Group has been dedicated in quality and innovation and is technically strong in commercial and industrial application as a HVAC manufacturer. Apart from obtaining plenty of energy-saving product patents, H.Stars Group has achieved CE certifications for Pressure Vessel and standard chillers, BR1, ASME, ISO9001:2000, ISO14001:2004 and other certifications.

A good reputation of H.Stars Group has been built and delivers a full HVAC service to customers worldwide. Our products are widely applied in industries for cooling of Laser generators, Welding electrodes, Cutting machines, Electric spark machines, Extrusion process, Hydraulic System, Electroplating, Ultrasonic Cleaning, Ion Plating film, Electronic facility, Electrical appliance components, Compressed Gas Dehumidification, Dairy and Beverage Cooling processing, Pharmaceutical and Biological products, Medical equipment, Glass Coating, Tempered Glass and Cultivation Sea Food.

H.Stars Group will continue to develop energy saving and environmental friendly equipment to create "The Efficiency Planet" as our obligation. By focusing on customers' needs and wants in order to contribute more our potentials, from now on, H.Stars Group will hand in hand with you to be a shining star in the foreseeable future.



ISO 9001 Certificate



ISO 14001 Certificate



CE Certificate



Energy Conservation Certification



Guangzhou Famous Trademark Certificate



Hi-tech Enterprise Authenticated Certificate



Enterprise Credit Evaluation



National Industrial Production Permit



Market's Favourite Brand

Commercial and Industrial HVAC Equipment

Standard High-efficiency Equipment



◆ **Air Cooled Screw Chiller**
Cooling Capacity Range: 80~4000Kw
Chilled water Temp: 5°C~20°C
Refrigerant: R407c, R134a, R1234ze, R404a



◆ **Air Cooled Scroll Chiller**
Cooling Capacity Range: 10Kw-1000Kw
Chilled water Temp: 5°C~20°C
Refrigerant: R410a, R134a, R1234ze, R1234yf



◆ **Water Cooled Screw Chiller**
Cooling Capacity Range: 80Kw-4000Kw
Chilled water Temp: 5°C~20°C
Refrigerant: R407c, R134a, R1234ze, R404a



◆ **Water Cooled Scroll Chiller**
Cooling Capacity Range: 10Kw-1000Kw
Chilled water Temp: 5°C~20°C
Refrigerant: R410a, R134a, R1234ze, R1234yf



◆ **Screw Air Source Heat Pump**
Heating Range: 80~4000Kw
Hot water Temp range: 45°C~95°C
Refrigerant: R134a, R407c, R1234ze



◆ **Scroll Air Source Heat Pump**
Heating Range: 10Kw-1000Kw
Hot water Temp range: 45°C~70°C
Refrigerant: R410a, R134a, R1234ze



◆ **Screw Water Source Heat Pump**
Heating Range: 100Kw-3000Kw
Hot water Temp. range: 45°C~95°C
Refrigerant: R407c, R134a, R1234ze



◆ **Scroll Water Source Heat Pump**
Heating Range: 20Kw-1000Kw
Hot water Temp. range: 40°C~70°C
Refrigerant: R410a, R134a, R1234ze



◆ **Air-cooled Magnetic Oil Free Centrifugal Chiller**
Rated Cooling Capacity: 80TON~500TON
Chilled water outlet temperature range: 5~20°C



◆ **Water-cooled Magnetic Oil-free Centrifugal Chiller**
Cooling Capacity Range: 100TON~1000TON
Chilled water outlet temperature range: 5~20°C



◆ **Centrifugal Water-cooled Chiller**
Cooling Capacity Range: 450TON~2000TON
Chilled water outlet temperature range: 5~20°C



◆ **Falling Film Water Cooled Chiller**
Cooling Capacity Range: 443KW~2111KW
Chilled water outlet temperature range: 5~20°C

Industrial Chiller



◆ **Ice Storage Chiller**
Cooling Capacity Range: 15KW-4000KW
Chilled water outlet temperature range: -8°C~12°C



◆ **Heat Recovery Industrial Chiller**
Cooling Capacity Range: 120KW~4003KW
Chilled water outlet temperature range: 5~20°C



◆ **Integrated Package Chiller**
Cooling Capacity Range: 100~6000Kw
Inlet and Outlet Temperature: 1°C~20°C



◆ **Industrial Water Cooled Scroll Chiller(Box Type)**
Cooling Capacity Range: 10.2KW~156KW
Chilled water outlet temperature range: 5~20°C



◆ **Water-cooled Scroll Inverter Chiller**
Cooling Capacity Range: 92KW~1526KW
Chilled water outlet temperature range: 5~20°C



◆ **Air Cooled Integrated Chiller**
Cooling Capacity Range: 15KW~150KW
Chilled water outlet temperature range: 5~20°C



◆ **Air-Cooled Scroll Industrial Chiller**
Cooling Capacity Range: 120KW~4003KW
Chilled water outlet temperature range: 5~20°C



◆ **Air cooled Screw industrial chiller**
Cooling Capacity Range: 148KW~920KW
Chilled water outlet temperature range: 5~20°C

Industrial Refrigeration Cooling Equipment

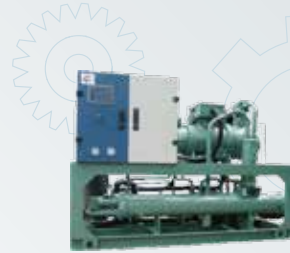
Low Temperature Chiller / Glycol Chiller



◆ **Water-cooled Screw Low Temperature Chiller**
Cooling Capacity Range: 17KW~2369KW
Chilled water outlet temperature range: 10~-35°C



◆ **Two-stage Compression Condensing Unit**
Cooling Capacity Range: 76KW~363KW
Min. Evaporation Temperature: -45°C



◆ **Condensing Unit**
Cooling Capacity Range: 17KW~2218KW
Min. Evaporation Temperature: -10°C~40°C



◆ **Evaporative Condenser**
Heat Exchange Capacity Range: 224KW~1770KW



◆ **Single-stage Compression Condensing Unit**
Cooling Capacity Range: 30KW~5117KW
Min. Evaporation Temperature: -40°C



◆ **Flooded Type Low Temperature Chiller**
Cooling Capacity Range: 229KW~1625KW
Chilled water outlet temperature range: 10~-15°C



◆ **Compressor Set Unit**
Cooling Capacity Range: 292KW~5117KW
Min. Evaporation Temperature: -40°C

Cold Chain Equipment



◆ **Parallel Condensing Unit**
Cooling Capacity Range: 26KW~1150KW
Min. Evaporation Temperature: -45°C



◆ **Condensing Unit**
Cooling Capacity Range: 17KW~2218KW
Min. Evaporation Temperature: -40°C



◆ **Compressor Set Unit**
Cooling Capacity Range: 56KW~847KW
Min. Evaporation Temperature: -45°C



◆ **Cold Room Evaporator**
Heat Exchange Capacity Range: 0.35KW~101KW



◆ **Semi-closed Piston Compression Condensing Unit**
Cooling Capacity Range: 14KW~76KW
Min. Evaporation Temperature: -20°C



◆ **Parallel Piston Compression Condensing Unit**
Cooling Capacity Range: 56KW~847KW
Min. Evaporation Temperature: -45°C



◆ **Fully Closed Piston Compression Condensing Unit**
Cooling Capacity Range: 8KW~20KW
Min. Evaporation Temperature: -20°C



◆ **Air-cooled Condenser**
Heat Exchange Capacity Range: 9.34KW~1611KW

Heat Pump

Standard Products



◆ Water Source high temperature Heat Pump
Heating Capacity Range: 100KW~2111KW
Hot Water Max. Outlet Temperature: 90~120°C



◆ Cold Recovery / Intelligent Hot Water Unit
Heating Capacity Range: 25.3KW~908.8KW
Hot Water Max. Outlet Temperature: 55°C



◆ Air Source High Temperature Intelligent Heat Pump
Heating Capacity Range: 25KW~1000KW
Hot Water Max. Outlet Temperature: 90~120°C



◆ Water Source Heat Pump Unit
Cooling capacity of air conditioning mode: 15.2KW~336KW
Hot water mode heating capacity: 16.6KW~336.7KW
Heating mode cooling capacity: 17.3KW~360.6KW
Chilled water outlet temperature range: 5~20°C
Hot water outlet temperature: 55°C

Energy-saving Heat Pump



◆ 90 °C High Temp. Heat Pump
Heating Capacity Range: 80KW~2111KW
Hot Water Outlet Temperature Range: 65~90°C



◆ 120 °C High Temp. Heat Pump
Heating Capacity Range: 300KW~1000KW
Hot Water Outlet Temperature Range: 90~125°C



◆ R1234ze Heat Pump
Cooling Capacity Range: 10KW~2000KW
Chilled water outlet temperature range: 6~20°C
Heating Capacity Range: 15KW~2110KW
Hot Water Outlet Temperature Range: 45~85°C
Ambient Temperature Range: -35~53°C
Chilled Water Temp.: 5~35°C

Other products



◆ Rooftop Package Unit



◆ Modular Air Handling Unit



◆ Commercial Air handling Unit



◆ Cooling Tower



◆ Fan Coil Unit



◆ Dry Coolers



◆ Water pump



◆ Shell and tube heat exchangers



◆ Remote condenser



◆ Plate heat exchanger



◆ Ice storage tank
(for air condition use)



◆ VRF unit

Special equipment

Heat Recovery Chillers



◆ (Heat Recovery) Water-cooled Screw Chiller
Cooling Capacity Range: 92KW~1526KW
Chilled water outlet temperature range: 5~20°C



◆ (Heat Recovery) VFD Screw Chiller
Cooling Capacity Range: 443KW~2111KW
Chilled water outlet temperature range: 5~20°C



◆ (Heat Recovery) High Voltage Chiller
Cooling Capacity Range: 1000KW~4000KW
Chilled water outlet temperature range: 5~20°C



◆ (Heat Recovery) Water Source Heat Pump
Cooling Capacity Range: 98KW~3272KW
Chilled water outlet temperature range: 5~20°C



◆ (Heat Recovery) Scroll Sewage Source Heat Pump
Cooling Capacity Range: 10.2KW~156KW
Chilled water outlet temperature range: 5~20°C



◆ (Heat Recovery) Dual-Source Heat Pump
Cooling Capacity Range: 109KW~675KW
Chilled water outlet temperature range: 5~20°C



◆ ASME Chiller
Cooling Capacity Range: 120KW~4003KW
Chilled water outlet temperature range: 5~20°C



◆ Indoor Unit of an Evaporative Chiller
Cooling Capacity Range: 433KW~2111KW
Chilled water outlet temperature range: 5~20°C



◆ (Heat Recovery) Integrated Unit for Mine Air Conditioning
Cooling Capacity Range: 100KW~600KW
Chilled water outlet temperature range: 5~20°C

Anti-corrosion and Explosion-proof Industrial Products



◆ Anti-corrosion Heat Recovery Chiller
Cooling Capacity Range: 120KW~4003KW
Chilled water outlet temperature range: 5~20°C



◆ Anti-corrosion Air-cooled Chiller
Cooling Capacity Range: 109KW~675KW
Chilled water outlet temperature range: 5~20°C



◆ Explosion-proof Chiller
Cooling Capacity Range: 120KW~4003KW
Chilled water outlet temperature range: 5~20°C



◆ High-precision Constant Temperature
Cooling Capacity Range: 20KW~500KW
Temperature Accuracy: $\pm 0.1^{\circ}\text{C}$



◆ High-precision Air-cooled Chiller
Cooling Capacity Range: 109KW~675KW
Chilled water outlet temperature range: 5~20°C



◆ Non-standard Voltage Air-cooled Chiller
Cooling Capacity Range: 109KW~675KW
Chilled water outlet temperature range: 5~20°C



◆ Water-cooled Chilled with Heat Recovery
Cooling Capacity Range: 120KW~4003KW
Chilled water outlet temperature range: 5~20°C



◆ VFD Air-cooled Chiller
Cooling Capacity Range: 109KW~675KW
Chilled water outlet temperature range: 5~20°C



◆ Dual Source Heat Pump
Cooling Capacity Range: 115KW~460KW
Chilled water outlet temperature range: 55~85°C

Job Reference





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