Withair®
Paving the Way for a Greener Tomorrow

$QS=Cp*\&*L*(T1-T2)$
$QL=600*\&*L*(W1-W2)$
$L=QS/Cp*\&*(T1-T2)$
$R=LX*1.3*(h1-h2)$





Premium Manufacturer of Cooling, Heating, and Indoor Air Quality Solutions

Withair (Nanjing) Industries Co.,Ltd

Follow Us:

Brands: Withair® Airaday® Enhron®

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Withair® HVACR SYSTEM SOLUTIONS OFFERING -

A full portfolio of solutions for comfort and process applications

Air-cooled Chillers & Heat Pumps

- Extensive Lineup: 2 to 160 tons
- Meet ASHRAE® 90.1 standards
- ECM fans reduce sound, energy usage
- Reliable heating down to -31˚F ambient
- Air-Cooled Liquid Process Chiller
- Integrated Free-cooling
- 4-pipe Simultaneous Cooling and Heating
- Industrial Use High Temperature Heat Pumps



Packaged RTU & DX Split Units

- Full portfolio: 3 to 250 tons
- R-454B Low-GWP Refrigerant
- Supply air temp. as low as 41˚F
- Cooling, Heat Pump & Air Handler
- Efficiency Ratings up to 20.3 IEER
- Deliver precision temperature control
- Dedicated Outdoor Air Systems (DOAS)



Water-cooled Chillers & Heat Pumps

- Extensive Lineup: 0.75 to 1,000 tons
- BAS (BACnet® or Modbus®) options
- Provides simultaneous heating and cooling
- Outstanding energy efficiency, up to 40 EER
- R-410A, R-454B, R-134a & R-513A refrigerant
- Water-Coold Screw Chiller with Integrated VFD
- Industrial process cooling / heating applications
- 6-pipe design features 3 independent water loops



Air Side Devices

- Air flow range: 150 to 35,000 CFM
- Direct-drive – ECM Fan
- CW/HW – 2-pipe or 4-pipe
- Compact design, low profile
- Fast customization and delivery
- Factory-wired thermostat, BACnet as option
- Life Air System (low temp. regeneration desiccant wheel)



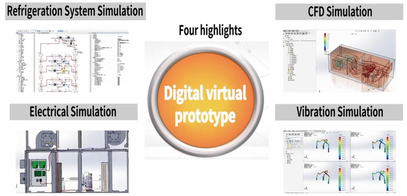
Integration & Interoperability of HVACR Devices

We offer comprehensive and energy-efficient heating, cooling ventilation, and air conditioning solutions for different types of spaces of varying cubic volumes. A wide range of equipment allows for the selection of simple solutions, as well as advanced HVACR systems that can be centrally controlled, providing a high level of comfort for the user along with energy efficiency.

Core Strengths Include

Innovative Technologies

Simulation Design and Digital Virtual Prototype



Withair's innovative digital virtual prototype plays a crucial role in the implementation of the customized products and entire project. The digital prototype is completely different from the traditional physical prototype design, which completely subverts the long backward design process of traditional HVACR products, which is to prototype first, and then test and then improve.

The digital prototype fully utilized, throughout the implemmentation of the entire project. Withair's database based simulation platform, it encompasses every step, from refrigeration system simulation, airflow simulation, electrical simulation, to vibration simulation, it boosts numerous technological heights.

We can cooperate with you in project design and process work. Provide products and process selection advice at the beginning of your project design, reducing your design selection world, and reducing your trial-and-error costs and purchasing costs. We invite your team to discuss technical issues together.

Quality Assurance

We have established a reliable quality management system and equipped with professional testing equipment. Sometimes our quality inspection standards are stricter than the customer's acceptance standards. It is divided into multiple quality control links, such as self-inspection, mutual inspection and general inspection, on-line testing. Our products have gone through the cruel "hard test" of nature and work reliability.

Quality Supply Chain —— Strong cooperation and creating good quality

COMPRESSORS COMPONENTS

Copeland · HITACHI Inspire the Next · Mitsubishi Electric · Panasonic ideas for life · HANBELL · Bitzer

REFRIGERATION COMPONENTS

Danfoss · castel · SANHUA · ALCO · EMERSON Climate Technologies · SPORLAN

CONTROLS & ELECTRICAL

Schneider Electric · SIEMENS · ABB · CHNT · CAREL · Honeywell

Fast Delivery

We know how much you care about completing projects on time. As a premium manufacturer, we will provide you with a fast supply chain, flexible logistics, and full technical and commercial support. Benefit from working with a professional provider of solutions.

We carefully sort out the needs of each order, multiple departments do a good job in order review, production planning and production operations are in order, and timely and accurate delivery is guaranteed. We have a good relationship with suppliers and good credit, and suppliers give priority to guaranteeing supply for our orders. 4 to 6 weeks delivery time for the CUSTOM MADE product.



Competitive Prices

We have the price advantage of purchasing raw materials in bulk. Rational use of systems, an increase in efficiency, less warehouse stock, immediate solutions to any errors, the elimination of waste and a decrease in costs. Reducing time,used space, costs and errors means we are able to respond with maximum flexibility, precision and speed to any customer's requirements, offering the best possible products at competitive prices.





Flexible Solutions

Work with a professional provider of solutions. We guarantee comprehensive care to our clients at each stage of implementation, from the project, through implementation, to subsequent care of the facility. Become one of Withair's satisfied clients.



They have trusted us:

TESLA · DAIKIN · YORK · HITACHI · Coca-Cola · Disney · DELPHI · CVMORE

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