






5.5-100kW Precision Cooling Cases Sharing

INVT Network Power



Cases Application:

-  Data center
-  Government
-  Health Care

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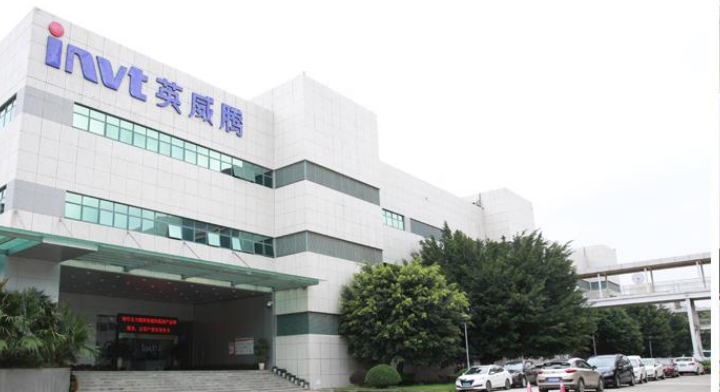




Online Touring INVT Fuyong Production Base

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Precision air conditioner & Data center Production Workshop



- Offered product: Large Room Precision Cooling VCA035, 35kW
- Location: Jiangsu Province·China

Information processing is an indispensable link in many important tasks. Therefore, the normal operation of the company is inseparable from the technical room with constant temperature and humidity. IT hardware generates unusually concentrated heat loads and is, at the same time, very sensitive to changes in temperature or humidity.

To solve this problem, INVT Network Power provided NCAP China with 35kW Large Room Precision Cooling to ensure precise temperature and humidity control.



Inner Mongolia Xinyuan Silicon Material Technology Co., Ltd.

- Offered product: Small Room Precision Cooling VCA012, 12.5kW
- Location: Nei Mongol-China

In the computer room, the sensible heat of IT hardware, equipment, cabinets, and power supply equipment is very high, and the sensible heat ratio required by the air conditioner is very high. In order to provide a stable operating environment for the computer room of Inner Mongolia Xinyuan Silicon Material Technology Co., Ltd., INVT Network Power provided 12.5kW Small Room Precision Cooling.

Adopt the design of large air volume, small enthalpy difference, and high sensible heat ratio.



- Offered product: Large Room Precision Cooling VCA030, 31.2kW
- Location: Heilongjiang Province·China

Recently, INVT Network Power provided Jiangsu T-mab BioPharma with 31.2kW Large Room Precision Cooling in order to meet the requirements of the Heihe Public Security Bureau for all-weather cooling and humidity control throughout the year to ensure continuous operation of the system throughout the year, and maintainability, Assembly flexibility, and redundancy.

Besides, the hermetic scroll compressor for higher efficiency and more stable operation.



- Offered product: Large Room Precision Cooling
2 sets VCA030, 31.2kW
- Location: Jiangsu Province·China

In some special industries, especially the medical industry, the ambient temperature has an important impact on the quality and performance of the product. Too high or too low temperature will affect the stability and reliability of the product, so it is necessary to use a precision air conditioner to control the ambient temperature and ensure the quality of the product.

To this end, INVT Network Power provided Jiangsu T-mab BioPharma with two 31.2kW Large Room Precision Cooling units, through high-precision electronic expansion valves, and precise regulation of refrigerator flow.



- Offered product: Small Room Precision Cooling VCA017, 17.5kW
- Location: Liaoning-China

In hospitals, the cleanliness of the environment has an important impact on the stability and safety of precision instruments. Precision air conditioners can pass through the tiny particles and harmful gases in the sea air to ensure the cleanliness of the environment.

INVT Network Power provided Dalian Municipal Central Hospital with 17.5kW Small Room Precision Cooling to ensure the smooth operation and high efficiency of the computer room.



Shanghai Fengxian Baidu Cloud Intelligent Compilation Project

- Offered product: Large Room Precision Cooling
VCA045, 45.6kW
- Location: Shanghai-China

In order to meet the needs of the Shanghai Fengxian Baidu Cloud Intelligent Compilation Project to quickly adjust the temperature and humidity of the IT equipment operating environment, INVT Network Power provided 45.6kW Large Room Precision Cooling.

This series of precision air conditioners has a large air volume and a small enthalpy difference. The air is sent in through a dedicated air duct after treatment. It successfully copes with the electronic equipment with relatively large heat dissipation, and can quickly remove the heat in the computer room to achieve the purpose of rapid cooling of the equipment.



Yingkou Municipal Commission for Discipline Inspection and Supervision

- Offered product:

Large Room Precision Cooling, VCA100, 100kW

Small Room Precision Cooling, 2 sets VCA020, 20.5kW

- Location: Liaoning Province-China

Recently, three Precision Cooling units were successfully installed and debugged by the after-sales team of INVT Network Power at Yingkou Municipal Commission for Discipline Inspection and Supervision.

With high customizability, it meets the installation needs of customers in different environments. And intelligent monitoring of cooling power supply voltage, frequency, and three-phase unbalance.



- Offered product: Small Room Precision Cooling
3 sets VCA012, 12.5kW
- Location: Liaoning·China

For stadiums, any power shock or unstable operation of the equipment will interfere with the status and performance of contestants and affect the viewing experience of tens of thousands of spectators.

Therefore, INVT Network Power provided Dalian Suoyuwan Football Stadium with three sets of 12.5kW Small Room Precision Cooling to ensure that the operation of various displays, communication, live broadcast, and broadcast equipment in the sports venue is in the best temperature and humidity environment, and quickly dissipate heat to avoid machine failure. Shutdown, crash, etc.



- Offered product:

Large Room Precision Cooling, 3 sets VCA035, 35kW

Small Room Precision Cooling, 3 sets VCA025, 27.5kW

and 2 sets VCA012, 12.5kW

- Location: Guangdong Province-China

In the bidding activities of Yangqing Garden, Yangjiang City computer room construction project, INVT Network Power's precision air conditioner stood out from all friends with its excellent environmental control performance, and successfully won the bid, providing it with 8 precision air conditioners, refrigeration The volume varies from 12.5kW to 35kW.

This series of precision coolings have a double electric control box design, and strong and weak electrical isolation to avoid signal disturbance.



- Offered product: Small Room Precision Cooling
VCA017, 17.5kW
- Location: Shaanxi·China

After the INVT Network Power pre-sales team inspected Ankang Traffic Police Detachment on the spot, they provided it with a 17.5kW Small Room Precision Cooling solution to solve the problem of insufficient heat dissipation between IT technologies.

For traffic, any failure of indicator lights, monitoring, and other important equipment due to an unsatisfactory operating environment will affect the safety of each street. Precision air conditioners can even perform precise temperature and humidity control, which has high reliability and can Ensure the normal operation of the four-season air conditioner in the data room.



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INVT Cloud



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