

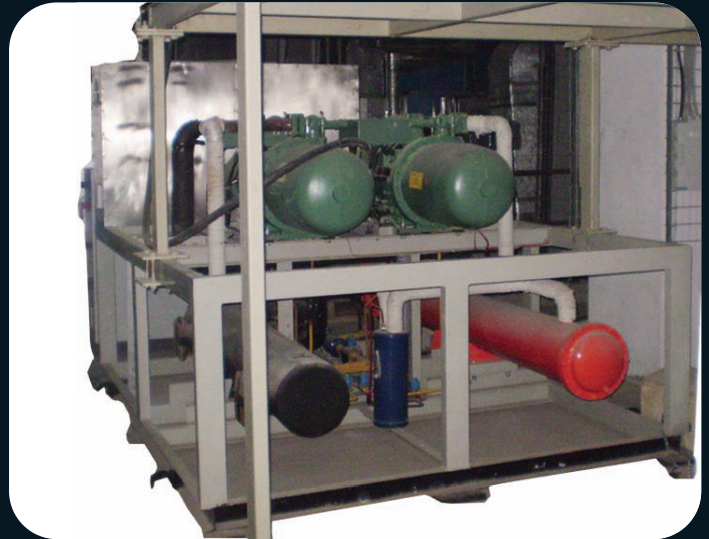


INDUSTRIAL COOLING SOLUTIONS

Air - Cooled Screw Chillers (Capacity 40 TR - 500 TR)



Water - Cooled Screw Chillers (Capacity 80 TR - 500 TR)



Air Cooled Scroll Chiller



Water Cooled Scroll Chiller



- ▶ Mission Critical Cooling
- ▶ Industrial Process Cooling
- ▶ Specialized HVAC Cooling Systems



The **ESKIMO** range of chillers was designed for Mission Critical Facilities, Central Chiller applications, larger critical industrial processes and customized HVAC systems. The development of this expanded chiller range was focused on four important design criteria: reliability, efficiency, flexibility and control.

Applications for Process Chillers

- || Chemical and Pharmaceutical
- || Food Industry
- || Telecommunication
- || Laser Technology
- || Welding Engineering
- || Aeronautical Testing Facility
- || Defence Laboratory Testing Facility
- || Computer Chip Manufacturing
- || Medical Processes
- || Blow Mold Machines
- || Injection Molding Machines
- || Plastics Processing

Our Product Range

- || Design & Manufacturers of Customized HVAC & R Systems
- || Precision Air Conditioning
- || Process Cooling Chillers
- || Low & High Temperature Single Fluid Chillers
- || Low Temperature Chambers (upto-80c)
- || Cooling Towers
- || Heat Exchangers

NEW RANGE OF PROCESS COOLING SYSTEMS

Reliability

The ESKIMO chillers have been designed for ultimate reliability. Dual screw compressors, Independent refrigeration circuits, automatic lead/lag control, state of the art PLC controllers with multiple safeties and alarms, and premium refrigeration components all combine to create a reliable chiller suited for the most demanding applications.

Efficiency & Flexibility

This new generation of ESKIMO chillers utilizes the latest technologies to produce the highest possible efficiency. By integrating PLC algorithms, variable frequency drives, R-134a refrigerant and cutting edge production techniques, ESKIMO is able to maximize chiller performance with minimum energy consumption .

Unlike many other manufacturers, ESKIMO has the ability to modify and adopts its standard range of chillers to meet a customer's unique needs. Chillers can be designed for high or low water and high or low ambient temperatures. Chillers can be equipped with an Integrated Free Cooling system, low noise option, high elevation package, pump and tank stations. They can be adopted to integrate with almost any Building Control System. These options along with many other custom additions allow ESKIMO to create the best solution for any customer's cooling requirements.

Control

Optimizing the performance of the ESKIMO chillers is achieved through a customized PLC controller. Close control of the supply water temperature and total control of the chiller operation allows the customer to receive the very best performance from the chiller and the equipment being cooled. Eight total steps of unloading achieve optimal stability during changing heat loads, while minimizing power costs. Compressor lead/lag control can be customized by the operator, and insures even wear on each refrigeration screw compressor.

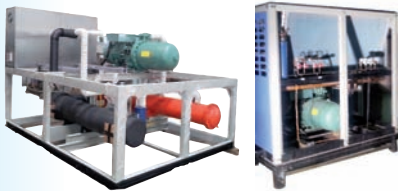


APPLICATION, INTEGRATION & SOLUTIONS FOR ALL YOUR COOLING NEEDS



PROCESS COOLING Chillers

5-150 TR packaged air-cooled or water-cooled chillers for Industrial cooling or customised HVAC applications. Includes integrated microprocessor, pump station and storage reservoir.



SCREW Chiller (VFD)

60-500 TR air cooled or water-cooled chillers with variable frequency drives



SCROLL Chiller

Water-cooled & Air cooled scroll chillers



LOW Temperature & HIGH Temperature Chiller (Single fluid)

Range from - 60°C to +200°C



Environmental Test Chambers

Temperature Range up to - 80°C to 250°C, RH 95%



Induced Draft Cooling Towers

Range 10TR to 1000TR



Customized HVAC & R Solutions

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