Industrial Refrigeration
Mission-Critical Refrigeration Solutions

FOOD | BEVERAGE

DISTRIBUTION | COLD STORAGE

HEALTHCARE | PHARMACEUTICAL

INSTITUTIONAL PROCESSING
Refrigerated environments, optimized
Precise temperature control, efficiency, reliability and lower life-cycle cost

Answering the need for a complete refrigeration resource
Led by professional engineers, Trane Industrial Refrigeration supports all aspects of facility management. Services range from capital planning to system design and engineering, project management, quality assurance and service agreements to system audits, predictive modeling and monitoring.

Experience matters
Trane Industrial Refrigeration is highly experienced with CO₂, ammonia and halocarbon refrigeration systems. We assist customers in determining the best equipment and refrigerant for a specific application. Criteria include energy efficiency, safety, environmental impact, regulatory compliance, investment cost, scalability, system life, operator requirements, application size, temperature range, acceptable operating pressures and volumetric capacity.

Why facility owners rely on Trane Building Services

One Contact. One Company. One Solution.

- A single source for design and construction, maintenance and support
- Asset management for single facility or North American enterprise
- Quality engineering, installation and services
- Reliably precise temperature control
- Trane energy efficiency, reliability and equipment life
- Fast 24/7 response time
- Favorable life-cycle cost and low total cost of ownership
- Compliance with safety and environmental regulations
- Remote monitoring capabilities for leaner operation
- Predictive services including leak detection, vibration analysis and remote diagnostics
Your priorities drive the solution
We add value to customer operations by supporting customer business objectives in the development of each solution. We understand the external forces that affect our customers—both market and regulatory—and are proactive in addressing them. We are known for reliable performance, industry-leading efficiency, optimum life-cycle value, improved asset life and lower total cost of ownership.

Proven efficiency, into the future
Development of equipment and systems using new low-GWP (global warming potential) refrigerants is accelerating, with Trane leading the way. New Trane CenTraVac® chillers using the latest generation refrigerants present an opportunity to future-proof your technology decision with an efficient, reliable, sustainable solution. CenTraVac systems are tested, certified energy-efficient and carry an exclusive Leak-Tight Warranty. Because customers shouldn’t have to invest in transitional refrigerants, availability is guaranteed and any regulatory changes will not result in refrigerant replacement expense.

A committed partner who delivers value
Our technical and financial expertise supports your business objectives. We provide advanced analytics including energy consumption, operating costs, yearly cash flows, rates of return and life cycle costs.

Consultative and management services
- Capital planning
- Asset management
- Facility management
- Financing
- Quality assurance programs
- System integrity audits
- Facility health check predictive modeling
- Regulatory compliance

Operations support services
- 24/7/365 service delivery and after-hours emergency response
- Centralized call center
- Intelligent diagnostic services
- Remote monitoring
- Refrigerant reporting
- Performance-based maintenance programs
- Service agreements
- National service programs
- Rebate programs

Trane Industrial Refrigeration has a long record of innovation and a steadfast commitment to sustainability.
Reliability is everything
For food and beverage, pharmaceuticals, healthcare and virtually any cold storage or processing operation, maintaining critical temperatures and proper air flow is essential. Our engineering expertise is applied throughout the facility’s lifecycle—from design to monitoring to servicing.

Refrigeration solutions for key industries

Food and beverage

Institutional processing

Healthcare/pharmaceutical

Cold storage/distribution

Industrial marine /oil & gas

Recreational

Diverse project experience throughout North America

Each solution is custom-engineered at the component level using Trane and third-party equipment, thermal and insulated structures, electrical, control and monitoring systems.

Trane Industrial Refrigeration provides services via multiple locations in the U.S. and Canada.

Types of solutions

- Primary direct expansion
- Multi-stage compound and cascade systems
- Secondary (glycol)
- Defrost systems (gas, electric, off time, water)
- Heat recovery
- Ammonia, CO2 and halocarbon systems
- Process air handling

Engineering and construction capabilities

- Design/build
- Engineering design and drafting
- Energy optimization analysis
- Equipment sizing and selection
- Controls solutions
- Project management
- Permitting

To discuss your new facility, upgrade or operational needs, please contact your local Trane office, or visit us online at trane.com/buildingservices

Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a global business committed to a world of sustainable progress and enduring results.

We are committed to using environmentally conscious print practices.