

A photograph of an industrial ammonia refrigeration system. The scene is filled with a complex network of pipes in various colors (purple, blue, orange, yellow) and large industrial machinery. A prominent purple pipe in the upper left has a yellow label that reads 'AMMONIA'. The background shows a well-lit industrial facility with concrete walls and overhead lighting.

AMMONIA REFRIGERATION CONTROLS



Upgrade your system!

Ammonia refrigeration is an industrial grade cooling option for large-scale systems such as food & beverage, cold storage or industrial operations.

Customized Control Systems

We provide you with custom control solutions tailored to the unique needs of each industrial refrigeration facility.

System Integration

We integrate our control systems with existing refrigeration equipment to enhance overall functionality and efficiency.

Features

Our systems ensure precise temperature control, pressure regulation & flow control, maintaining optimal conditions for storage and processing in industrial refrigeration environments.

Energy Efficiency

We prioritize energy efficiency in our control systems, helping our clients reduce operating costs and minimize environmental impact.

Fault Detection and Diagnostics

Our systems are equipped with advanced fault detection and diagnostic features, enabling proactive maintenance and minimizing downtime.

Scalability

Our solutions are scalable to accommodate the evolving needs of our clients' refrigeration systems, from small-scale facilities to large industrial complexes.

Compliance and Safety

We design our control systems to meet industry standards and regulatory requirements, ensuring compliance and promoting workplace safety.



Process Automation

We tackle complex manufacturing and plant automation systems through expert engineering and system integration.

From electrical engineering to UL 508A control panel building, our deep knowledge of industrial controls can handle complex projects.

Design Build Control Systems

As your single source technology partner, our team is equipped to design and implement for a wide array of industrial applications.

24/7 Service & Maintenance

Extend the life of your system and reduce costly downtime with preventative maintenance.

Our team of highly trained engineers & technicians in mechanical, electrical and computer controls provide 24/7 emergency support with our multi-trade coordination of highly skilled craftsmen to fix the following problems:

Equipment failure

- Complications from power outage recovery
- Control adjustments
- Problems with ammonia pressure and/or leaks
- Emergency pump-outs and shutdowns

Markets

- ▶ Food & Beverage
- ▶ Dairy
- ▶ Material Handling
- ▶ Process Controls
- ▶ Plastics Manufacturers
- ▶ Oil & Mining



To learn more, contact

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