



Storage and Distribution

Challenges

- High energy/operating cost
- Food waste/loss
- Maintaining consistent temperatures across the facility
- Equipment breakdown and system uptime
- Regulatory compliance to industry standards

Our solutions ensure freshness of perishable goods while reducing total life cycle cost.

Cargo Solutions
Hardware and software solutions help track temperature and location of your product throughout the value chain in real-time.

Cold Room Controllers
Enable precise control of temperature and humidity to ensure compliance with strict rules and regulations.

Vilter Package Unit
Packaged units with our patented Single Screw Compressor provide the highest reliability of all industrial refrigeration with low life cycle costs.

Trailer Refrigeration Compressor
Compact, lightweight and durable scroll compressors specially designed for the transportation industry. Providing unmatched efficiency by utilizing precision temperature control ensuring maximum quality and extending product shelf life.

ZX Condensing Unit **Compressor Rack** **Vilter Compressor**

Our products cover a wide range of cooling requirements from small to large scale refrigeration applications.



Success Case

To prolong the shelf life of grapes, it is critical for these to be cooled down right after harvest. A grape growers association in India chose Emerson's specially designed condensing units to **cool down grapes to 4°C within 4-6 hours of harvesting, minimizing food loss and maximizing profits in the process.**