



ContainerLINE®

Carrier Transicold launches high-efficiency container refrigeration unit

OptimaLINE™ unit designed to deliver lowered operating costs and reduced carbon emissions.

Great White Fleet Makes Further Investments in PrimeLINE®

Additional purchases of PrimeLINE units set to enhance Chiquita fleet further

ONE Enhances Refrigerated Fleet with Lynx™

Carrier Transicold Lynx Fleet solution will be updated with latest features

EverFRESH® delivers success to PIL

Effective shipment of avocados further attests to system effectiveness

BluEdge™ Partner Program Begins

Enhanced distribution channels to boost of telematics reach and adoption



A New Milestone for Optimized Performance

In an era marked by growing concerns about climate change, resource conservation, and sustainable practices, our customers are constantly confronted with the challenge of moving increasing volumes of perishables more efficiently, while having to operate flexibly and reliably. With this in mind, our efforts to innovate and integrate our customers' feedback have culminated in our groundbreaking high-efficiency container refrigeration unit, OptimaLINE™, which is designed to set a new milestone for our industry.

OptimaLINE's design philosophy brings with it component improvements that enable it to take that leap forward in sustainability. The benefits of this efficiency extend far beyond just economic savings. By reducing energy consumption, OptimaLINE will contribute to a significant decrease in carbon emissions for our customers and by extension, our industry, thereby taking our joint global efforts to combat climate change to the next level, and serving as a testament to Carrier's continuous commitment to environmental stewardship.

The demand for sustainability in our sector has never been greater. Governments, businesses and even consumers worldwide are increasingly focused on reducing their environmental footprint. By offering this unit to our customers, we want to also empowering other businesses across the cold chain to reduce their carbon impact, thereby paving the way for a more sustainable future.

As we usher in this new era with OptimaLINE, we also recognize that innovation is an ongoing journey. Just as we innovated to produce PrimeLINE®, which has proven itself as the industry bestseller for over 15 years, and NaturalINE®, which remains the industry's only commercially available refrigeration unit using carbon dioxide as its refrigerant, and indeed using a natural refrigerant at all, OptimaLINE joins our family of container refrigeration models to offer more options to our customers, depending on their operating priorities.

We are also excited to share the launch of our BluEdge™ Partner Program, which sees us identify and work with reseller channel partners to encourage further adoption of our Lynx™ telematics and service solutions. We are of course also ever-grateful to our customers' continued support and conviction in our offerings, and that includes partners like ONE installing Lynx onto their fleet of Carrier refrigerated containers, Chiquita's Great White Fleet making further investments in PrimeLINE units, and PIL successfully delivers their first shipment of avocados with the EverFRESH® system.

These are all invaluable votes of confidence from our customers. But our work cannot stop here. We must remain committed to improving ourselves for our customers, continually seeking ways to enhance both their performance in particular, but also the global trade of perishables in general, by playing our part as their OEM.

At Carrier Transicold, it is of paramount importance that our solutions push the boundaries of what technology can do for our industry, and therefore what we as an industry can do for our world. Only then can we set the next milestone for optimized performance, not just in our machines, but also how we help our customers optimize their performance all-round as well. We invite you to join us on this exciting journey towards a better outlook for our industry. Together, we can make a positive impact on our world. One refrigerated container at a time.

Willy Yeo
Director of Marketing
Global Container Refrigeration

Carrier Transicold Unveils New High-Efficiency Container Refrigeration Unit

Experience unmatched refrigeration performance under various operating conditions and load levels, with OptimaLINE™.

For over 15 years now, our PrimeLINE® container refrigeration units have led the industry, helping shipping fleets deliver fresh foods and medications to people around the world while minimizing environmental impact. But today, with evolving sustainability requirements and increased operating costs, you need a solution with even greater flexibility in order to adapt to new demands with confidence. And at Carrier Transicold, we're constantly innovating to make it all possible.

Introducing OptimaLINE, our all-new container refrigeration platform engineered to deliver unprecedented efficiency, exactly where it matters to you.

With OptimaLINE, we've taken the proven strengths of PrimeLINE and optimized machine design with efficiency and reliability in mind, leveraging the latest innovations in reefer technology to set a new standard for the industry, while adding the critical versatility demanded of today's fleets. From its variable speed compressor with its permanent magnet motor to its variable frequency drive and economizer circuit valve, all of which are optimized for the task on hand, our OptimaLINE platform combines a range of step-change improvements to decrease energy consumption and operating costs, enable tighter temperature controls and reduce overall carbon footprint. And with Carrier Transicold, it's all backed by the strength of our worldwide sales and service network.

Enhance efficiency and sustainability across your cold chain with a high-performing solution that doesn't compromise when it comes to ambient temperatures or load levels. Explore our OptimaLINE container refrigeration system today and see how we've optimized our solution to help you meet the demands of the day.



Step-change in efficiency for various applications

OptimaLINE container refrigeration units incorporate the latest advancements in reefer technology to ensure high efficiency across various ambient temperatures and load levels, allowing you to adapt seamlessly to new operational conditions.

Experience the power of variable speed compression

Take advantage of class-leading reliability and efficiency with OptimaLINE's variable speed compressor, giving you the power to meet new industry demands with the units running at 15% or more efficiently than previous Carrier units.

Stay ahead of sustainability demands

By lowering fuel consumption and reducing emissions for efficient and sustainable refrigeration, OptimaLINE makes it easy for you to combat climate change and meet evolving environmental regulations with confidence, future-proofing your fleet for tomorrow.

Count on ongoing support from a worldwide service partner

With Carrier Transicold, you can experience greater confidence throughout the lifecycle of your OptimaLINE units with the strength of our comprehensive sales and service network that includes over 400 container refrigeration service centers worldwide.

Chiquita's Great White Fleet Increases Investment in Carrier Transicold's PrimeLINE™ Container Refrigeration Units

Great White Fleet, a company under Chiquita Brands, has increased its investment in Carrier Transicold PrimeLINE® container refrigeration units. As a result of the solid performance and energy efficiency of the existing PrimeLINE units, the company has added 800 units to transport bananas worldwide.

This increased investment aims to achieve a lower carbon footprint, which signifies a proactive approach by a company to address environmental challenges and contribute to sustainability.

"Energy conservation is vital to Great White Fleet's green transportation initiatives, and we are pleased that PrimeLINE not only reduces fuel consumption related to shipboard power generation but also reduces emissions proportionately, helping us to shrink our carbon footprint."

Stefano Di Paolo, President, Great White Fleet

The additional purchases of PrimeLINE units are a true testament to the unit's capabilities. Thanks to our PrimeLINE units' energy efficiency, this will result in substantial savings in total lifecycle costs.



ONE Enhances Refrigerated Container Fleet with Carrier's Lynx Fleet Solution

One of the largest global liner shipping companies, Ocean Network Express (ONE), has installed Carrier Transicold's Lynx™ Fleet solution onto its existing fleet of Carrier refrigerated containers. Lynx Fleet will be installed with the latest features.

Reefer Health is one of these features, which utilizes Carrier's proprietary technology to track near-live the performance of reefer units and provide a 72-hour forecast for individual containers. This feature provides additional visibility into container location, movement, and temperature using a centralized data stream. Using this feature, fleet managers can download diagnostic information about their reefers, gaining deeper insight into the health of their reefers by reporting anomalies as well as possible causes and possible solutions.

ONE is eager to work with Carrier to harness the power of data and connectivity.

"We are confident that Carrier's Lynx Fleet will help increase fleet uptime and optimization, while reducing cargo spoilage risk and providing immense value for our customers. This will prove to be a critical piece in ultimately differentiating what we can offer to our customers."

Kenichi Michida, Senior Vice President, Strategic Yield Management, ONE.



PIL Successfully Delivers First Shipment of Avocados from Africa to Asia with Carrier Transicold's EverFRESH® Active Controlled Atmosphere System



Reflecting the growing use of controlled atmosphere (CA) technologies to maintain quality of fruits and vegetables over extended shipping times, Pacific International Lines (PIL) has successfully transported its first shipments of avocados from Kenya to Brunei using Carrier Transicold's innovative EverFRESH® CA system. Carrier Transicold is a part of Carrier Global Corporation (NYSE: CARR), global leader in intelligent climate and energy solutions.

"The EverFRESH Active CA technology has worked well for us in transporting avocados over a number of our key refrigerated trade lanes," said Lim Chee Wei, General Manager Logistics Division, PIL. *"That success with higher-respiring perishables gave us the confidence to expand its use for shipments of Kenyan-grown avocados, and we are pleased that EverFRESH has again proven to be a success in this first shipment of avocados from Kenya."*

According to the Food and Agriculture Organisation of the United Nations (FAO), Kenya is currently the world's sixth largest avocado producer. Since October 2022, PIL has accomplished a number of firsts with EverFRESH CA technology – its first shipments of avocados from Peru to Hong Kong, as well as from Australia to Singapore.

EverFRESH reduces respiration and slows natural ripening of commodities by optimizing oxygen and carbon dioxide balance. The positive pressure effectively built up inside the container reduces box air leakage compared to other controlled atmosphere systems. This innovative technology helps to maintain ideal conditions during transportation while extending the shelf life of high-value commodities.

Using active CA technology, the EverFRESH system also generates high-purity nitrogen to more quickly and responsively displace oxygen, rather than relying on cargo respiration alone to gradually reduce oxygen levels.

"PIL's success with the EverFRESH system is a significant step for our support of the growing trend among shipping lines to provide CA technology for the benefit of their customers," said Leow Eng Meng, Sales Director, Asia, Global Container Refrigeration, Carrier Transicold. "This is further proof that our customers can benefit from the improved atmosphere control of Carrier's EverFRESH system, which allows for more precise settings and with that, more effective shipments of perishable commodities."

Learn more at www.corporate.carrier.com/healthycoldchain or visit www.carrier.com/container.

Carrier Transicold Container Refrigeration Launches BluEdge™ Partner Program for Lynx™ and Telematics Solutions



Earlier in August, Carrier Transicold launched the BluEdge™ Partner Program – an exclusive global reseller partner channel providing enhanced distribution of its refrigerated container telematics products and services.

This program is a major milestone in Carrier's foray into the refrigerated container aftermarket telematics space and will enable us to build a network of reseller partners in each geographical region and train and equip them with industry-leading remote refrigeration monitoring products to serve this growing segment. The channel will be authorized to sell, install and commission a full suite of the latest telematics technologies, including Carrier's Lynx™ digital platform, which offers end-to-end supply chain visibility, real-time monitoring, actionable insights and analytics, and improved sustainability for the refrigerated container segment.

Components of this suite of offerings include Lynx Fleet hardware, software, and professional services for refrigerated units. With Carrier's telematics solutions, BluEdge Partners will serve shipping lines, static rentals, ports and terminal operators as well as potential prospects.





Online Course Topics Available 24/7/365

- Working on Carrier Container Refrigeration Units Safely
- Basic Refrigeration
- Basic Electrical
- PrimeLINE® Unit Component Identification
- Keypad and Display Functions
- Tools and Resources
- PrimeLINE® Unit Operating Sequence and Refrigerant Flow
- Pre-Trip Diagnostic Functionality
- NaturaLINE® Unit Operating Sequence and Refrigerant Flow
- Micro-Link® Controller
- PrimeLINE® Unit Associate Certificate Package

All courses are taught in English unless noted otherwise. Locations and dates for instructor-led programs are subject to change. Registration typically closes one month prior to course start date.



With the new year just around the corner, container refrigeration service technicians looking to upgrade their skills in 2024 should explore the upcoming TechLINE® Academy course schedule. In the first six months alone, a full complement of programs is available for technicians of all proficiency levels.

TechLINE Academy's online courses provide some of the best and most convenient opportunities for enrichment. A growing curriculum of courses is available anytime and can be accessed wherever technicians are located. For a deeper dive into repair and troubleshooting, instructor-led courses with hands-on training are also available through advance registration.

Registration for all courses, online or instructor-led, can be completed through the "Training" link found at www.carrier.com/container.



ContainerLINE®

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Carrier Transicold helps improve transport and shipping of temperature controlled cargoes with a complete line of equipment and services for refrigerated transport and cold chain visibility. For more than 50 years, Carrier Transicold has been an industry leader, providing customers around the world with advanced, energy-efficient and environmentally sustainable container refrigeration systems and generator sets, direct-drive and diesel truck units, and trailer refrigeration systems. Carrier Transicold is a part of Carrier Global Corporation, global leader in intelligent climate and energy solutions that matter for people and our planet for generations to come.

 Carrier Transicold Container Refrigeration

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