



PrimeLINE™



The ecologist joins forces with the economist.

PrimeLINE

PrimeLINE.™ It saves green in every sense of the word.



Green as in planet.

PrimeLINE can reduce CO₂ contribution into the earth's atmosphere by more than 16 million kg over its life.*

Green as in dollars.

PrimeLINE will save over \$1 million in energy costs over its life.*

*For every 1,000 PrimeLINE units compared to a leading competitive unit.
For complete performance and savings details, visit www.container.carrier.com/primeline.

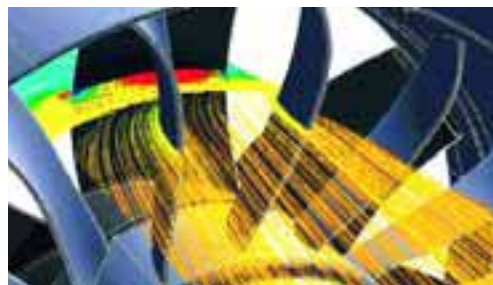
For the best in product expertise and service support,

**Optimized to take efficiency to new highs.
And environmental impact to new lows.**



Jointly designed Carrier-Copeland digital scroll compressor features:

- Highest efficiency in container applications.
- Digital modulation (unloading) minimizes energy usage.
- Vapor injection system delivers more cooling capacity.
- Aluminized coating for maximum corrosion protection.



- The PrimeLINE unit features a new patented evaporator fan, stator, and 3-phase motor.
- Optimized assembly reduces power consumption, not airflow.
- Aero modeling lessens friction and resistance across the fan blade, improving efficiency.
- Aerospace-inspired fan engineered and built in partnership with Carrier's parent company, United Technologies.



- MicroLink 3 delivers the same reliability, interchangeability, and accuracy field-proven in our industry-leading ThinLINE™ and EliteLINE™ platforms.



count on Carrier.



- Electronic expansion valve helps attain deep frozen capacity and stable temperature control.



- Patented electrostatically coated copper condenser coil for superior corrosion protection.
- Coil size increased for higher cooling capacity.



Superior support for all Carrier products.

PrimeLINE is supported by the most extensive network of expert service engineers and global access to parts.

Carrier is the worldwide expert in container products and support, with more units in operation today than all others combined. Trust Carrier for best-in-class performance, quality, and service.

PrimeLINE

The new PrimeLINE unit runs green.
And keeps you in the black.

Best-in-class efficiency and life-cycle cost.

- The PrimeLINE unit answers rising energy fuel costs with superior efficiency.
- Faster pull-down – vapor injection system starts compressor cycling sooner, minimizing power consumption.
- Time-tested Carrier reliability means lower maintenance costs.
- Significantly decreases life-cycle costs by reducing energy use and maintenance costs.

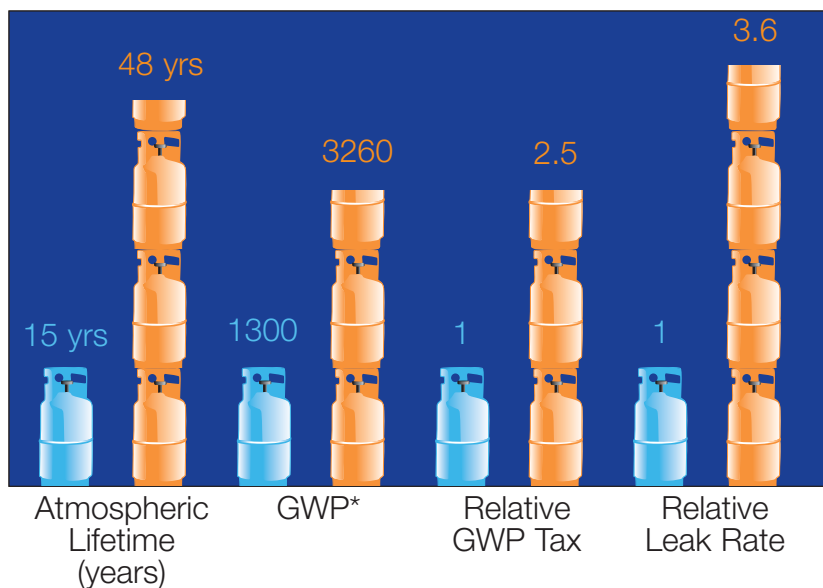
Advantages of using PrimeLINE.



The environmental advantages.

- Improved efficiency reduces power draw, which reduces CO₂ emissions.
- For minimal environmental impact, R-134a has a significantly lower atmospheric life and GWP than R-404A.
- For superior reliability, R-134a operates at lower pressure with lower leak rates than R-404A.
- Engineered to provide highest deep frozen capacity with R-134a.

R-134a proves that less is more.



*CO₂ = 1 as defined in the Intergovernmental Panel for Climate Change (IPCC)

PERFORMANCE SPECIFICATIONS

PrimeLINE



Cooling Capacity: Ambient @ 38°C (100°F) with Exclusive HFC-134a Digital Scroll Compressor

Temperature	Watts	Btu/hr
2°C (35°F)	12,000	40,900
-18°C (0°F)	6,600	22,500
-29°C (-20°F)	4,400	15,000

Specifications are subject to change without notice.

Standard Features:

Refrigeration System

- Exclusive HFC-134a digital scroll compressor
- Zero ODP HFC-134a
- Digital capacity unloading
- High-efficiency evaporator and condenser coils
- Electrostatically coated all-copper condenser coil
- High-efficiency vane-axial evaporator fans
- Three-phase dual-speed evaporator fan motors
- Electronic expansion valve
- Refrigerant receiver with dual sight glass, electrostatically coated copper for superior corrosion protection
- ATO (Sprengrer)-accepted adjustable fresh-air exchange

Electrical System

- Wired for 380/460 volt 3ph 50/60 Hz power
- Safe, 24-volt AC control circuit with fuse protection
- 18m (60 ft) power cable with attached plug
- Electric heat

Control System

- MicroLink 3 modular controller with dual probes
- Datacorder™ electronic data recorder
- Dual backlit LCD display
- Energy-saving Economy Mode
- evaporator motor logic
- Pressure-limiting feature
- Cool, Heat, Defrost, In-Range, Alarm indicator lights
- Selectable timed electric defrost (3-/6-/9-/12-/24-hour settings) or automatic defrost
- Manual defrost initiation
- Suction and discharge temperature sensors
- Suction and discharge pressure transducers

Convenience Features

- Removable front service panels
- Forklift pockets
- TIR

Provisions

- Dehumidification control
- USDA cold treatment
- Water-cooled condenser
- Remote monitoring
- Dual voltage (when applicable)
- Fresh-air vent position sensor

Accessories and Options:

- USDA cold-treatment recording package
- Chart recorder
- Electronic Partlow
- Rechargeable power-up battery pack
- Dual-voltage transformer module
- Electronic power line communication module (RMU)
- Remote monitoring receptacle (ISO 4-wire)
- Water-cooled condenser system
- Dehumidification control
- Low-position air-exchange control
- Fresh-air vent position sensor
- eAutofresh on-demand ventilation
- QUEST power-saving mode
- Hinged rear bulkhead panel with quick-release fasteners
- Thermometer insertion ports (supply/return air)
- Emergency Bypass System (EBS)
- LED display
- Convenience handles
- Certification: ABS, BV, KRS, GL
- CE marking

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