



The industry's best seller is now available assembled on-site.

PrimeLINE ONE™ refrigerated container system

PrimeLINE ONE™ is a refrigerated shipping container developed through a joint initiative by Carrier Transicold and Dong Fang International Container (Qingdao) Co., Ltd., a leading manufacturer of shipping containers. PrimeLINE ONE provides the benefits of the industry's best-selling container refrigeration system through a streamlined assembly process, which can provide optimized lead times, based on the location.

The PrimeLINE ONE refrigeration system is directly installed on-site onto a welded front wall of a specially designed container.



The choice is yours.

PrimeLINE ONE™ offers an alternative to the current bolt-on PrimeLINE unit.

Both the PrimeLINE ONE and the standard PrimeLINE bolt-on units come with their unique benefits to meet your varied needs.

Key PrimeLINE ONE Features:

1. Alternative assembly location – Optimized lead times based on different manufacturing sites.
2. Proven performance of the PrimeLINE® refrigeration system – All the components, controller and control software are identical to the PrimeLINE system, helping to ensure proven performance is secured.
3. Easy maintenance and repairs – All the components, controller and control software are interchangeable with existing parts of the PrimeLINE system.



PERFORMANCE SPECIFICATIONS

PrimeLINE ONE™

(inclusive 40-foot high cube container)

Height x Width x Length

Dimension (unit)	2,438 mm (8') x 2,896 mm (9'6") x 12,200mm (40')	
Weight (unit)	4,470 kg	
Refrigerant	HFC R-134a	
Power Supply	3 phase, 380/480 Volt, 50/60 Hz	
Noise	74 db(A)	

Cooling Capacity at 38°C (100°F) ambient with digital scroll compressor

	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 formed condenser coils
Electrostatically coated all-copper condenser coil
High-efficiency vane-axial evaporator fans
Three-phase condenser and dual-speed evaporator fan motors
Electronic expansion valve
Refrigerant receiver with sight glass, Al coated steel for superior corrosion protection
ATO (Sprenger)-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 CEE-17 plug
Electric heat
Main power circuit breaker

Control System

Micro-Link™ 3 modular controller with dual sensors
DataCorder™ electronic data recorder
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
Time-delay motor start sequence
Current-limiting feature
Interrogator plug
Suction and discharge temperature sensors
Suction and discharge pressure transducers

Convenience Features

Removable front service panels
TIR compliant

Provisions

Fresh-air vent position sensor

Accessories and Options:

USDA cold-treatment recording package
Rechargeable power-up battery pack
Electronic power line communication module (RMU)
Remote monitoring receptacle
Dehumidification control
Fresh-air vent position sensor
QUEST power-saving mode
FuelWise™ power-saving mode
LED display
Voltage shields
Special control modes
Bulb
ACT / ASC
Vacuum pressure relief valve
Interrogator plug location inside control box
Secure rechargeable battery
Certification: ABS, BV, KRS, GL
CE marking

