



Superior reliability and temperature control for small delivery vehicles.





Condenser

Dimensions:
34" x 18.9" x 8.4"
(864 x 480 x 232 mm)



Evaporator

Dimensions:
23.9" x 21.6" x 6.5"
(608 x 548 x 165 mm)

Cab Command™

Dimensions:
3.4" x 2.4" x 1.1"
(85 x 60 x 28 mm)



Cooling/Temperature Capacity:
Ambient at 100°F (38°C)
Compressor Speed: 1,000 rpm @ 60 Hertz

Evaporator Return Air Temp.	Diesel Operation		Standby Operation	
	BTU/hr	Watts	BTU/hr	Watts
35°F (2°C)	3,600	1,055	3,600	1,055
0°F (-18°C)	1,300	381	1,300	381

Neos 100S was created to maintain optimal temperature control of perishable products in small cargo areas. Employing alternator driven technology, Neos 100S delivers constant cooling capacity regardless of vehicle engine speed. Utilizing the alternator also eliminates the road compressor, hoses and fittings used in traditional direct drive systems, reducing the risk of leaks and maximizing uptime.

- **Maximum reliability** due to elimination of the road compressor and other components.
- **Consistent performance** at variable engine speeds due to all-electric technology.

- **Cargo space maximized** using Carrier's space-saving SlimLine™ evaporator.
- **Sustainability** of zero ODP R-134a refrigerant in a system with reduced risk of leaks.

Standard Features Include:

- 12VDC road operation
- Condenser roof mount kit
- Durable DuraShell™ composite skin
- Extra-flat SlimLine™ evaporator
- 5.3 CID (87 cc) compressor
- Poly-V 6 groove clutch
- Refrigerant R-134a
- Brushless evaporator fan motor
- Hot gas defrost
- Hot gas heating
- Condenser valve enhanced heating circuit
- Low refrigerant pressure protection
- High refrigerant pressure protection
- Microprocessor control system
- Cab Command™
- Red light visual warning (in cab)
- Main On/Off system power keys
- Timed defrost interval
- Manual defrost key
- Diagnostic safety indicators
- Frozen range lockout
- Digital readout
- Cab Command™ (in cab)
- Adjustable display brightness
- Current and stored alarms
- Automatic defrost control
- Programmable defrost timer
- Automatic defrost termination
- Manual defrost override

Accessories and Options:

208/230 50Hz-60Hz electric standby

Approximate Weights:

Condenser Weights:
106 lb (48 kg) road only operation
117 lb (53 kg) with electric standby
Evaporator Weight:
33 lbs (15 kg)

In order to ensure proper unit and vehicle operation, the vehicle should have an electrical system capable of producing an additional 90 amps of current above the full load current required for the rest of the vehicle (including all accessories).

Specifications are subject to change without notice.
Warranty: Product warranty and limitations are outlined in Form 62-11857.
This warranty applicable only in North America. Consult your Carrier Transcold representative for warranty coverage elsewhere. Form 62-11856 Rev A.

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