



**LEADING THE CHARGE IN ALL-ELECTRIC REFRIGERATION
UNITS FOR SMALL DELIVERY VEHICLES**



PERFORMANCE SPECIFICATIONS



Condenser Dimensions

34" x 18.9" x 9.1"
(864 x 480 x 231 mm)



Evaporator Dimensions (MNS 850)

33.8" x 24.4" x 7.6"
(859 x 620 x 193 mm)

Cab Command™

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



Cooling Capacity

Evaporator Return Air Temp.	Diesel Operation		Standby Operation	
	BTU/hr	Watts	BTU/hr	Watts
35°F (2°C)	5,000	1,465	5,000	1,465
0°F (-18°C)	2,000	590	2,000	590

Ambient at 100°F (38°C)

Speed: 1,000 rpm / 60Hz electric standby operation

The all-electric Neos™ 200e unit is part of Carrier Transicold's growing family of eCool™ all-electric refrigeration systems designed to push emissions toward zero. Developed for commercial vans and light-duty trucks, the unit provides increased efficiency and nearly 40% greater cooling capacity than the unit it succeeds.

Versatility. The unit supports both battery-operated and engine driven vehicles. On a battery-electric vehicle, the Neos 200e is powered by the vehicle's battery supply, and on an internal-combustion vehicle, the Neos 200e is powered via the vehicle's alternator and battery, enabling a constant cooling capacity for fresh and frozen cargoes, regardless of engine speed.

High-efficiency Performance. The brazed-plate heat exchanger provides better heat transfer, a larger evaporator coil and a 60% increase in airflow with no increase in energy consumption.

Maximum Cargo Space. Utilizing Carrier's space-saving SlimLine™ evaporator.

Enhanced Sustainability. The use of the new-generation refrigerant R-452A, which has about half the global warming potential of R-404A.

Standard Features Include:

12VDC electrical architecture
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-452A
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

Standard Features (continued):

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:
42 lbs (19 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 Transicold representative for warranty coverage elsewhere. Form 62-12325.

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