



## e200

### Full-electric refrigeration unit for medium-sized vans and trucks

Designed for both electric and engine-powered vehicles, the e200 can help ensure your operations remain compliant with a growing array of regional and national regulations concerning the reduction of noise and CO2 emissions. The e200 provides a unique mix of control, convenience, utilization, and reliability to enhance your performance across urban settings and last-mile deliveries.

#### STANDARD FEATURES

- Fully integrated major components
- Enhanced controller
- Operates with both electric and engine-powered vehicles
- Shorepower capable
- Lower GWP refrigerant

#### OPTIONAL FEATURES

- Door switch
- Delector, large cover
- 4M extension kits
- 115V shorepower
- Cover Hose kits

# e200 SYSTEM PERFORMANCE

## REFRIGERATION CAPACITY

(System net cooling capacity at 100°F ambient)

	Engine Power BTU/hr	Standby BTU/hr	Heat BTU/hr
35°F	4,700	4,700	2,300
0°F	2,700	2,700	2,300

## EVAPORATOR: ES150

Airflow Capacity	470 CFM
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## COMPRESSOR: HERMETIC VARIABLE SPEED

## REFRIGERANT: R-452a

Charge	2.8 lbs
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## SYSTEM WEIGHT

Condenser	86 lbs
Evaporator ES150	31 lbs

## ELECTRIC STANDY OPTIONS

115V/1 Phase/60 Hz	14A
230V/1 Phase/60 Hz	7.5A

## EVAPORATOR DIMENSIONS

Inches (L x W x H)	29.7 x 21.3 x 7.4
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## CONDENSOR DIMENSIONS

Inches (L x W x H)	46.5 x 21.0 x 8.7
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## e200 Vehicle Alternator Requirements and Guidelines

In addition to the vehicle power requirements, the e200 requires 115 amps from the vehicle alternator to operate at full capacity. For many applications, a 250amp alternator on a vehicle will be sufficient to support e200 operation; this may be an upgrade to the standard alternator offering. For best results, this should be available even at idle, at which point the alternator will have approximately 60-75% of the rated power available. It is important that you work with your Thermo King Dealer and truck dealer to review your route profile and ensure the vehicle alternator has ample power to support e200 operation.

\*Requirements assume >3" insulation, ten door openings per delivery day in average ambient temp of 90F with standard commercial van.

\*This information provides general guidance only. Body builder guidelines prevail and installation needs to strictly follow these guidelines in all cases. Thermo King is not liable if the installation does not adhere to the respective Body Builder guidelines.



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