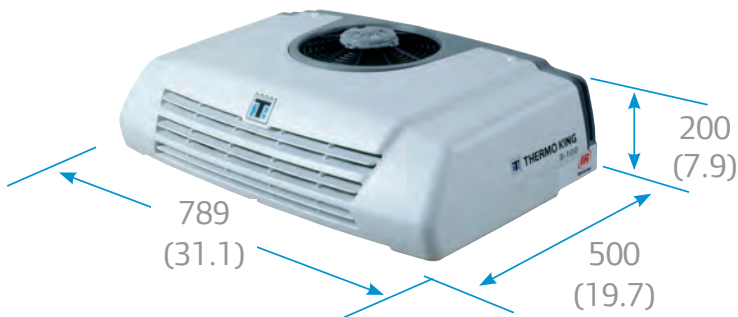


## Specification Sheet B-100



Condenser



ES100  
Ultra Slim Evaporator

### Unit Features

- No additional compressor needed on the vehicle engine, so no vehicle modification required
- DSR microprocessor controller
- Roof or front-mount condenser
- Low amp consumption
- Hot gas defrost
- Unit comes complete with the installation kit
- Electronic thermostat

### Alternator Available for Ford Transit Connect Applications

- 230 amp, 12/14 V
- Rated for temperatures up to 125°F
- Dual internal fans
- Backed by Thermo King with a one year parts warranty
- Extended mounting bolts included for easy topside installation
- Service Part #41-9492



# System Performance

## Refrigeration Capacity

(System net cooling capacity at 100°F ambient and high speed engine operation)

	Engine Power BTU/hr	SmartPower Electric Standby BTU/hr
35°F	3,600	3,700
0°F	1,300	1,400

### Compressor: 2 cylinder, housed in condensing unit

Displacement	2.9 inches <sup>3</sup>
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### Evaporator: ES100

Airflow Capacity	400 cfm
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### Refrigerant: R-134a

Charge	2.3 lbs
Ozone Depletion Potential	Zero
Chlorine	Zero

### DC Voltage Options

### Total Current Consumption on the Road

12 Vdc	63A
24 Vdc	31A

### Electric Standby Options

### Total Standby Current Consumption

230V/1 Phase/50 Hz	5.5A
230V/1 Phase/60 Hz	6.5A
115V/1 Phase/60 Hz	10.5A

### System Weight

B-100 Condenser	130 lbs
ES100 Evaporator	20 lbs

The vehicle battery minimum rating will vary based on the other electrical requirements of the truck, but the suggested minimum is 90 Ah.

All Thermo King equipment is backed by the Thermo King dealer service network, with over 200 locations across North America.

