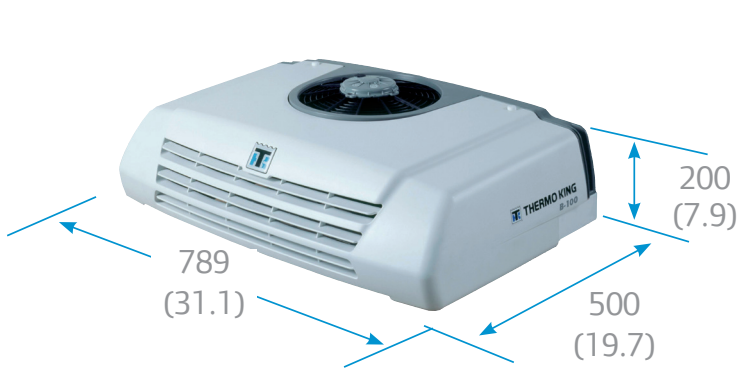


SPECIFICATION SHEET
B-100



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



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 ³

Evaporator: ES100	
Airflow Capacity	400 cfm

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 numerous locations across North America.

