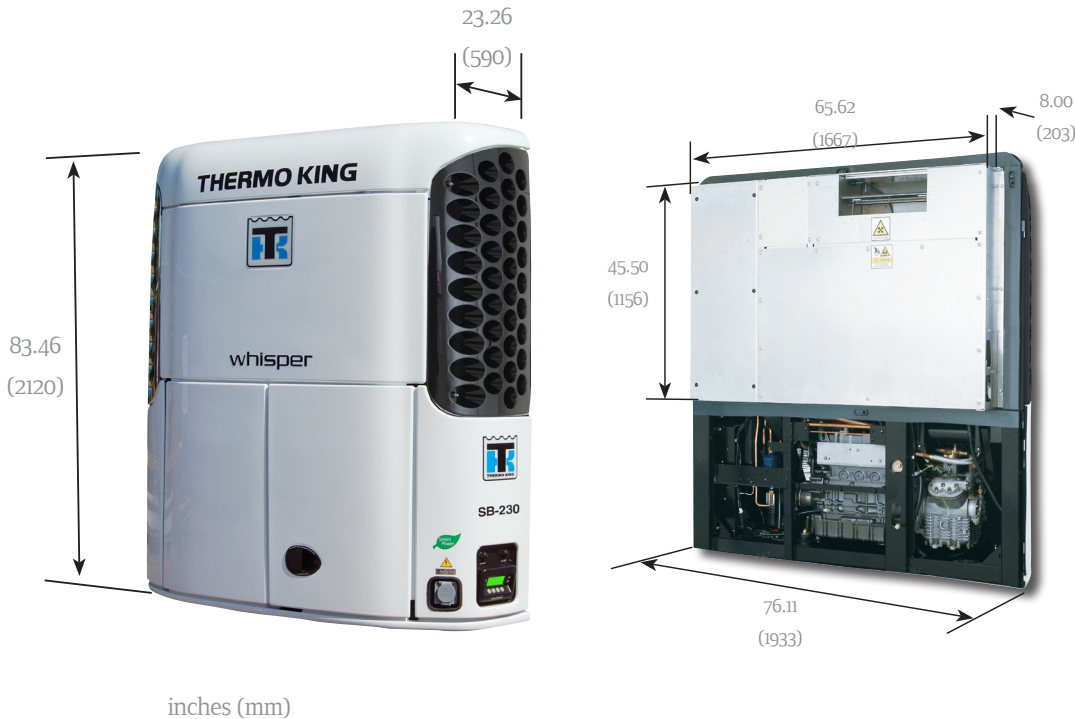


Specification Sheet

SB-230



Standard Features

- SMART REEFER™ SR-3 Controller
- EMI-3000 with 5 micron filter
- Exclusive fuel pre-filter
- OptiSet™ Plus featuring:
 - Continuous Run
 - Modulation
 - CYCLE-SENTRY™
 - CYCLE-SENTRY with modulation
- Directional air delivery
- ServiceWatch™
- CargoWatch™
- Long-life coolant and silicone hoses
- Long-life composite exterior panels
- Easy-access door design
- Vibration isolation system
- 50-gallon aluminum undermount fuel tank
- Visual fuel level gauge

Factory Options

- Electronic Throttling Valve (ETV)
- Ultra sonic fuel sensor
- SmartPower™ electric standby
 - Standard
 - High output (HO)
- Remote monitoring lights
 - Status display
 - Status and fuel display
 - Status, fuel and temp display
- Fuel heater
- Frost plug heater
- Alternator, 65 amp, 12Vdc
- i-Box interface
- CargoWatch accessories
 - Electronic door switches
 - Temperature sensor kits
- Whisper™ quiet technology
- Chrome appearance package

Dealer Options

- PrimAir bulkhead and duct system
- Humidity sensor kits
- EON battery
- Remote monitoring lights
 - Status and fuel display
 - Status, fuel and temp display
- CargoWatch accessories:
 - Electronic door switches
 - Temperature sensor kits
- i-Box interface

SB-230 System Performance

Refrigeration Capacity

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

	Engine Power		Engine Power w/ETV		Electric Power		Electric Power (HO)	
	BTU/hr	Watts	BTU/hr	Watts	BTU/hr	Watts	BTU/hr	Watts
35°F	51,000	14,950	60,000	17,588	30,000	8,783	55,500	16,228
0°F	32,000	9,380	32,000	9,380	22,000	6,441	33,400	9,766
-20°F	21,000	6,150	21,000	6,150	15,000	4,400	19,800	5,789

(Electric Power-cooling and heating on engine power and 14 hp electric standby using R404-A refrigerant.

Electric Power HO-cooling and heating on engine power and 24 hp electric standby using R404-A refrigerant.)

Heating Capacity	Engine Power	Engine Power w/ETV
BTU/hr	26,000	47,000

(System net heating capacity at 35/0°F ambient)

Airflow Capacity

Volume at 0 Pa static pressure 3,500 ft³/min

Engine: four cylinder, direct injection, liquid cooled

Model	TK486V
Hp Rating at 2,200 RPM	34.0
Oil Capacity	15 qt
Maintenance Interval	3,000 hrs

(Compliant with Interim Tier 4 EPA Emissions Regulations Standards)

Compressor: lightweight aluminum alloy body, heads and sump

Model	X430L
Displacement	30.0 in ³

Refrigerant: (Zero Ozone Depletion Potential (ODP), internationally approved) R404A

Charge	13 lbs
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System Weight 1,596 lbs

50 gallon fuel tank	35 lbs
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All Thermo King equipment is backed by the Thermo King dealer service network, with over 200 locations across North America.

