



SB-200TG

Quality, reliability and performance with a low life cycle cost.





SB-200TG Features:

- High cooling capacity
- Proven components for high reliability
- Unmatched service intervals
- Microprocessor controller with single-switch operation
- Directional air delivery for uniform product protection
- Easy to use, easy to service
- Backed by the Thermo King nationwide dealer network

Easy to Service



Simply reliable. The SB-200TG



With the SB-200TG trailer reefer unit, you get a reliable, high cooling capacity unit with all the benefits you expect from Thermo King in a friendly, easy-to-use package:

- High cooling capacity for 53' trailers at low temperatures
- Ease of use with simple operation for drivers and easy servicing for technicians
- High cooling capacity to preserve valuable loads
- High-velocity directional air with uninterrupted flow for greater effectiveness and efficiency
- Easy-to-use microprocessor controller offers single-switch operation

Easy on the environment.

The SB-200TG was designed with the environment in mind, including the energy-efficient 486V engine with low exhaust emissions and low noise levels, the extended service interval that results in less waste to dispose of and the lowest refrigerant charge in the industry.

Unmatched support from the Thermo King dealer network.

With over 200 factory-authorized service centers nationwide, service is always nearby. Find your nearest Thermo King dealer at www.thermoking.com.



EMI-3000 Reduced Maintenance

EMI-3000, Extended Maintenance Interval includes a special 12,000 hour coolant and high grade mineral oil to significantly extend service life.

- Reduces clean up and disposal costs
- Reduces environmental impact with less spillage and less waste
- Extends engine life
- Reduces maintenance cost up to 45% over competitive models
- Contributes to less operating cost
- This highly touted package features specially designed oil, fuel and air filters

Expert Service and Support are as close as this sign.

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System Performance

Description

High-capacity, frontmount, diesel-powered cooling and heating unit.

Model available

SB-200TG: Cooling and heating on engine operation using R-404A refrigerant

Operation

- Continuous run/Cycle-Sentry™
- Automatic defrost initiation
- Programmable defrost timer

Refrigeration capacity

System net cooling capacity at 100°F (38°C) ambient and high-speed engine operation.

Return air

To Evaporator	Btu/hr
35°F (1.7°C)	51,000
0°F (-17.8°C)	32,000
-20°F (-28.9°C)	21,000

Engine

TK486V direct-injection diesel

- Four-cylinder, liquid-cooled
- API classified CI mineral oil after break-in
- 15 qt (14.2 liter) oil capacity
- 34.0 hp rating operating at 2200 rpm
- 3000 hour maintenance intervals
- Meets EPA emissions requirements for Tier 2 through 2007 and Interim Tier 4 through 2012

Compressor

- Model X430L
- 30.0 cu in (491.6 cm³) displacement
- High-strength forged crankshaft
- Lightweight, aluminum alloy body, heads and sump
- Replaceable cylinder liners
- Vanasil® ringless pistons
- Gerotor oil pump

Optional Equipment

- Data Logger
- Door Switches
- Remote Status Light



Driver-Friendly Control

- Single-switch operation
- Cycle-Sentry operation
- Displays box temp, set point, hour meters, mode verification and alarms
- Pre-set and programmable defrost intervals
- Pre-operation unit self-check

Specifications

Dimensions

Inches (Millimeters)



Weight

SB-200TG

1635 lbs (742 kg)

Fuel tank, 50 gallon

35 lbs (16 kg)

Warranty

Terms of the Thermo King Warranty are available on request from your local Thermo King dealer. Please reference TK 50047 for the Thermo King unit warranty.