



SUPRA **S6**



SAME HIGH STANDARDS. ALL NEW SUPRA® POWERS.
The next generation Supra® unit – a new dimension in performance and reliability for small to medium-sized trucks.

SUPRA S6

PERFORMANCE SPECIFICATIONS



Supra® S6 Unit. Specifically designed for the safe, reliable transport of perishable and frozen food in small to medium-sized trucks. The Supra® S6 unit offers exceptional capacity, airflow and overall performance — all wrapped in a new sleek design.

Proven Reliability. The Supra® S6 unit provides higher capacity, faster pull-down and a smarter, high-efficiency platform that ensures dependability and peace of mind.

APX™ Control System. Powered by the latest operating system that combines remarkable control intelligence, temperature control and system reliability with amazingly simple operation for drivers, fleet managers and warehouse personnel.

Lower Cost of Ownership. By eliminating many mechanical components and extending the service interval to 2,000 hours we've reduced operating costs while offering unprecedented reliability.

Condenser Dimensions

75.4" x 32.1" x 24.2"
(1,914 x 815 x 615 mm)

Evaporator Dimensions

48.2" x 21.7" x 11.4"
(1,225 x 550 x 290 mm)

Body Opening

49.0" x 12.2"
(1,245 x 310 mm)

Approximate Weights

TDB-56: 844 lb (383 kg) without standby
TDS-56: 950 lb (431 kg) with electric standby

Evaporator Air Flow

1,500 cfm (2,548 m³/hr)

Cooling Capacity

Evaporator Return Air Temp.	Diesel Operation		Standby Operation	
	BTU/hr	Watts	BTU/hr	Watts
35°F (2°C)	16,000	4,689	16,000	4,689
0°F (-18°C)	10,000	2,931	10,000	2,931
-20°F (-29°C)	5,000	1,465	5,000	1,465

Ambient at 100°F (38°C)
Speed: 2,320 rpm diesel/60Hz electric standby operation

Standard Features Include:

- Tier 4 Final Z-482 smart diesel engine, 2 cylinder
- Electronic controls
- High-power 110-amp alternator
- ESI (Extended Service Interval) package
- 2,000 hour service interval
- Multistage, synthetic media oil filter
- Water-separating fuel filter
- Heavy-duty, low noise dry air cleaner
- Extended-life coolant
- 05K12, 2-cylinder compressor
- 12.2 in³ displacement
- Refrigerant R-404A, 6.6 lb. (3 kg)
- High-efficiency refrigeration system
- Electronic suction modulation valve
- Brazed plate heat exchanger
- Automatic start/stop fuel saver
- Three-way refrigeration valve system
- High efficiency microchannel condenser
- Maintenance-free electric condenser fan
- Maintenance-free evaporator fan motors
- Automatic hot-gas heating system
- APX Control System
- Data recorder
- Automated pretrip with component level fault detection
- On-board diagnostics with visual indicator and audible alarm
- Setpoint and operating mode locking
- Smart door switch logic
- Programmable FreshProtect perishable protection system
- City speed control (quieter operation)

Standard Features (continued):

- Automatic defrost control
- Cab Command™ Controller
- Intuitive controls
- Digital readout
- Setpoint/operating mode
- Supply air temperature
- Ambient temperature
- Hour meters, (switch on, diesel, standby, maintenance)
- Electric standby standard with model TDS-56
- 208v/230v-3ph-60Hz
- Top grille
- Bottom panel
- Installation package

Accessories and Options:

- Carrier eSolutions™ telematics
- DataLink™2 independent data recorder/printer
- 460v/3ph/60Hz electric standby
- Battery box (separate from truck)
- 30-gallon fuel tank
- 50-gallon fuel tank
- Remote temperature sensor
- Open door shutdown switch
- Fuel sensor
- Stealth™ Noise Reduction
- Auxiliary heat systems
- Fuel heater
- Remote light bar
- Snow/rain cover
- Refrigerant R-452A, 6.6lb (3kg)
- Oil drain adapter

Specifications are subject to change without notice.
Warranty: Product warranty and limitations are outlined in Form 62-12102.
This warranty is applicable only in North America. Consult your Carrier Transcold representative for warranty coverage elsewhere. Form 62-12093 Rev B.

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