



SUPRA S7



MEET THE NEW SUPRA® – AND THE NEW STANDARD.

See what's new with the next generation of the truck refrigeration units known for decades for performance and dependability.

SUPRA S7

PERFORMANCE SPECIFICATIONS



Supra® S7 Unit. Confidently transport perishable and frozen food via medium-sized trucks with the Supra S7 unit. With first-in-class architecture and a high-efficiency design that looks great on the road, it's the perfect way to add value to fleets of all sizes.

Lower Cost of Ownership. By reducing the number of mechanical components and with fewer parts overall, we've eliminated many maintenance items that can cause extended downtime and repair costs.

Intelligent Controls. APX™ Control System — as seen on the Carrier Transcold X4 and Vector™ platforms — provides the ideal balance of temperature control, fuel management and remarkable control intelligence to maintain an ideal environment inside the truck.

Expert Service and Support. With 180 dealer locations across North America and 24/7 service access, help is never out of reach.

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-57: 860 lb (390 kg) without standby
TDS-57: 955 lb (434 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)	19,000	5,568	19,000	5,568
0°F (-18°C)	12,000	3,517	11,500	3,370
-20°F (-29°C)	6,000	1,758	6,000	1,758

Ambient at 100°F (38°C)
Speed: 2,000 rpm diesel/60Hz electric standby operation

Standard Features Include:

- Tier 4 Final D-722 smart diesel engine, 3 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-57
- 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
- 30-gallon fuel tank
- Battery box (separate from truck)
- 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 (3 kg)
- 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 62-12104.

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