



# 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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