



# **SUPRA** **S10**



**SUPRA® POWERED INNOVATION FOR  
THE LARGEST STRAIGHT TRUCKS.**

Turn to the next generation in the industry's most trusted diesel truck refrigeration unit.

# SUPRA S10

## PERFORMANCE SPECIFICATIONS



**Supra® S10 Unit.** Confidently transport perishable and frozen food via the largest sized trucks with the Supra S10 unit. With exceptional capacity, airflow and overall performance all wrapped in a new sleek design, it's the perfect way to add value to fleets of all sizes.

**Quality Engineering.** By streamlining the design and using fewer mechanical components, we've extended the service interval to 2,000 hours, increased the overall lifespan and greatly reduced total operating costs.

**Intelligent Operation.** The APX™ control system – as seen on the Carrier Transicold 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 23.5" x 13"  
(1,225 x 597 x 330 mm)

### Body Opening

49.0" x 13.8"  
(1,245 x 351 mm)

### Approximate Weight

TDB-5B: 1,025 lb (466 kg) without standby  
TDS-5B: 1,102 lb (501 kg) with electric standby

### Evaporator Airflow

1,600 cfm (2,718 m³/hr)

### Cooling Capacity

Evaporator Return Air Temp.	Diesel Operation		Standby Operation	
	BTU/hr	Watts	BTU/hr	Watts
35°F ( 2°C)	37,000	10,850	27,000	7,915
0°F (-18°C)	23,000	6,740	21,000	6,155
-20°F (-29°C)	15,000	4,400	14,000	4,105

Ambient at 100°F (38°C)

Speed: 2,100 rpm diesel/60Hz electric standby operation

### Standard Features Include:

- Tier 4 Final D1105 smart diesel engine, 3 cylinder
- Electronic controls
- High-power 150-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
- 05K24, 4-cylinder compressor
- 24.4 in³ displacement
- Refrigerant R-404A, 8.2 lb (3.7 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 fans
- 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)
- Top grille
- Bottom panel
- Installation package

### Accessories and Options:

- Carrier eSolutions™ telematics
- DataTrak™
- Electric standby:
  - 208/230v-3ph-60Hz
  - or 460v-3ph-60Hz
- Battery box (separate from truck)
- 30-gallon fuel tank (center fill or end fill)
- 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, 8.2 lb (3.7 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 Transicold representative for warranty coverage elsewhere. Form: 62-12200. Rev A.

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