



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 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 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)	22,500	6,600	21,000	6,155
-20°F (-29°C)	14,000	4,100	13,500	3,960

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
- O5K24, 4-cylinder compressor
- 24.4 in³ displacement
- Refrigerant R-452A, 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

Standard Features (continued):

- City speed control (quieter operation)
- 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:

- Lynx Fleet™ telematics platform
- DataTrak™
- Electric standby:
 - 208V/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
- 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: 62-12200. Rev C.

North America

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