



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
Braze 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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