



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 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 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 Weight

TDB-57: 860 lb (390 kg) without standby
TDS-57: 955 lb (434 kg) with electric standby

Evaporator Airflow

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-452A, 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™ Controllor
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™
460V/3ph/60Hz electric standby
Electric standby standard with model TDS-57
208V/230V/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 Transicold representative for warranty coverage elsewhere. Form 62-12104, Rev E

North America

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