



SUPRA

S8



SAME NAME. EVEN MORE SUPRA® POWERS.
The Supra® name is synonymous with reliability. Our next-generation units build on that tradition by delivering performance that sets a new standard.

SUPRA S8

PERFORMANCE SPECIFICATIONS



Supra® S8 Unit. When you need a reliable solution for refrigerated transport of perishable and frozen foods in large-medium to large trucks, you need a unit you can trust. The Supra S8 unit delivers the powerful performance, capacity and efficiency you've come to expect from a name that's been trusted for decades.

We've taken one of the industry's most proven diesel truck refrigeration platforms and made it leaner, smarter and filled with powerful advantages for fleets of all sizes.

Innovative Design. Not only does the new Supra S8 unit look great on the outside with its aerodynamic body and sleek composite paneling, but the internal systems have also been redesigned to make it lighter, quieter and more efficient.

APX™ Control System. Powered by the latest operating system that combines remarkable control intelligence, temperature control and system reliability with amazingly simple operation for drivers, fleet managers and warehouse personnel.

Lower-Noise Performance. Up to 3dbA quieter than our prior model on the base truck unit. Additional sound reduction available with the optional Stealth™ kit.

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-58
- 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
- Battery box (separate from truck)
- 30-gallon fuel tank
- 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 (3kg)
- Oil drain adapter

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-58: 865 lb (393 kg) without standby
TDS-58: 960 lb (436 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)	22,000	6,448	20,000	5,861
0°F (-18°C)	14,000	4,103	13,000	3,810
-20°F (-29°C)	8,500	2,491	7,000	2,051

Ambient at 100°F (38°C)
Speed: 2,100 rpm diesel/60Hz electric standby operation

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 62-12105

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