



# 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



### 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 m<sup>3</sup>/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

**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 in<sup>3</sup> 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

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 62-12105

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