



# **SUPRA** **S9**



## **HEROIC POWER AND RELIABILITY. UPGRADED.**

Meet the sequel to one of the most trusted names in truck refrigeration units. The new Supra® unit is redesigned and revamped for greater performance and greater control.

# SUPRA S9



## PERFORMANCE SPECIFICATIONS

**Supra® S9 Unit.** Explore a unit engineered for the reliable transport of perishable and frozen food in large-sized trucks. The Supra S9 unit builds on a legacy 20 years in the making with an innovative new design, superior capacity and performance you can count on.

**Proven Reliability.** The Supra S9 unit provides higher capacity, faster pulldown and a smarter, high-efficiency platform that ensures dependability and peace of mind.

**Intelligent Operation.** APX™ Control System combines remarkable control intelligence, temperature control and system reliability with amazingly simple operation.

**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.

**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-59: 908 lb (413 kg) without standby  
TDS-59: 1,015 lb (460 kg) with electric standby

### Evaporator Airflow

1,500 cfm (2,548 m³/hr)

### Cooling Capacity

| Evaporator<br>Return<br>Air Temp. | Diesel Operation |       | Standby Operation |       |
|-----------------------------------|------------------|-------|-------------------|-------|
|                                   | BTU/hr           | Watts | BTU/hr            | Watts |
| 35°F ( 2°C)                       | 24,000           | 7,034 | 23,500            | 6,887 |
| 0°F (-18°C)                       | 18,500           | 5,422 | 17,500            | 5,129 |
| -20°F (-29°C)                     | 11,500           | 3,370 | 10,000            | 2,931 |

Ambient at 100°F (38°C)

Speed: 2,100 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  
05K24, 4-cylinder compressor  
24.4 in³ displacement  
Refrigerant R-452A, 7.1 lb (3.2 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)  
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-59  
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 Transcold representative for warranty coverage elsewhere. Form: 62-12136. Rev E.

#### North America

Carrier Transcold  
700 Olympic Drive  
Athens, GA 30601 USA

#### Central America and Mexico

Carrier Transcold  
Ejercito Nacional 253-A Piso 5  
Colonia Anahuac  
11320 Mexico D.F.



www.trucktrailer.carrier.com