



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 Return 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 preprip 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.

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