



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.

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-58: 865 lb (393 kg) without standby
TDS-58: 960 lb (436 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)	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

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™ 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-58
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 62-12105 Rev E

North America
Carrier Transicold
700 Olympic Drive
Athens, GA 30601 USA

Central America and Mexico
Carrier Transicold
Ejército Nacional 253-A Piso 5
Colonia Anahuac
11320 Mexico D.F.



www.trucktrailer.carrier.com

©2023 Carrier. All Rights Reserved. Printed in USA 01/23.

Carrier, Transicold and Supra are registered trademarks of Carrier Corporation.