



SUPRA
S10 MT



**PRECISE MULTI-PRODUCT TEMPERATURE MANAGEMENT WITH
IMPROVED PERFORMANCE, EFFICIENCY AND SERVICEABILITY.**

SUPRA S10 MT



Single-Discharge
Evaporator



Dual-Discharge
Evaporator

Supra Remote Evaporators					
Evaporator Model	Dimensions (mm)			Weight lbs(kg)	Airflow cfm(m³/h)
	H	W	D		
Single-Discharge	8.07" (205)	41.3" (1,050)	29.8" (757)	73 (33)	1,436 (2,439)
Dual-Discharge	6.57" (167)	41.1" (1,044)	37.17" (944)	88 (40)	1,560 (2,650)

Condenser Dimensions

75.4" x 32.1" x 24.2"
(1,914 x 815 x 615 mm)

Approximate Weight (Condenser)

963 lb (438 kg) with standby

Cooling Capacity

Evaporator Return Air Temp.	Diesel Operation		Standby Operation	
	BTU/hr	Watts	BTU/hr	Watts
35°F (-2°C)	33,000	9,672	25,000	7,327
0°F (-18°C)	21,000	6,155	19,000	5,569
-20°F (-29°C)	11,500	3,370	10,500	3,077

Ambient at 100°F (38°C)

Speed: 2,100 rpm diesel/60Hz electric standby operation

PERFORMANCE SPECIFICATIONS

Supra S10 MT is the ideal solution for multi-temperature vehicles which demand high capacity, high airflow, and fast recovery after frequent deliveries.

Exclusive single- and dual-discharge evaporator design provides configuration flexibility to suit the application.

SlimLINE® evaporators provide the most optimized loading configurations and minimize the risk of damage. The Supra S10 MT evaporator skins are made of corrosion-free composite material, have a separate drain pan and a 12V DC fan design.

Quieter performance by up to 3 decibels, thanks to reduced engine speeds and other improvements, making it well-suited for nighttime urban deliveries.

Streamlined, weight-saving architecture that uses fewer unique components than its predecessor and reduces unit weight by 18%.

APX™ control technology, providing intelligent performance optimization, automatic trip data recording and enhanced system diagnostics.

Reduced service requirements, including an extended oil service interval of 2,000 hours and greater use of maintenance-free components.

Standard Features Include:

Tier 4 Final D1105 smart diesel engine, 3 cylinder
Electronic controls
High-power 150-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
High-efficiency refrigeration system
Electronic suction modulation valve
Automatic start/stop fuel saver
High-efficiency microchannel condenser
Maintenance-free electric condenser fans
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

Standard Features (continued):

City speed control (quieter operation)
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
Electric standby:
460V/3ph/60Hz

Accessories and Options:

Lynx Fleet™ telematics platform
Battery box (separate from truck)
30-gallon fuel tank (center fill or end fill)
50-gallon fuel tank
Anti-siphon tank insert
Remote temperature sensor
Open door shutdown switch
Fuel sensor
Stealth™ Noise Reduction
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: 62-12352 Rev. A.

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