



SUPRA 850



Superior refrigeration performance for large trucks.

PERFORMANCE SPECIFICATIONS

SUPRA 850

Supra 850 offers exceptional reliability and performance for better load protection and quality in larger trucks.

Supra 850 delivers increased performance and system life while reducing maintenance and service costs.

- **Dramatic, contemporary skin design** is lightweight and damage-resistant.



Condenser Dimensions

71.7" x 33.7" x 24.7"
(1,823 x 856 x 629 mm)

Evaporator Dimensions

48.2" x 28.8" x 13.0"
(1,225 x 732 x 330 mm)

Body Opening

49.0" x 13.8"
(1,245 x 350 mm)

Approximate Weights:

TDB-24: 1,020 lb (462 kg) without standby
TDS-24: 1,055 lb (478 kg) with standby

Cooling/Temperature Capacity:
Ambient at 100°F (38°C)
Speed: 2,300 rpm diesel/60-hertz
electric operation

Evaporator Return Air Temp.	Diesel Operation		Standby Operation	
	Btuh	Watts	Btuh	Watts
35°F (2°C)	23,000	6,740	19,000	5,570
0°F (-18°C)	15,500	4,745	14,000	4,105
-20°F (-29°C)	10,000	2,930	9,000	2,640

- **Superior capacity and airflow** offer maximum product protection.

- **Heavy-duty, high-displacement compressor** runs slower for exceptional operating life.

- **Combines all the latest technological developments** to offer maximum reliability, performance, and flexibility.

Accessories and Options:

Battery (dealer-supplied)
Battery box
30-gallon fuel tank
50-gallon fuel tank
Bypass oil filter
Fuel heater
Top debris protection grille
High-voltage electric standby
460v-3ph-60Hz
Supply-air control
Stealth noise reduction kit
Host system door shutdown switch
Coolant heat system (diesel operation)
Electric heat system (standby operation)
Synthetic engine oil
DataLink™ data recorder

Standard Features Include:

CT3-44 TriVortex diesel engine
05K24 4-cylinder compressor
Automatic hot-gas heating system
Refrigerant R-404A
Three-way refrigeration valve system
Standard with electric standby (model TDS)
Heavy-duty electric standby motor:
208v/230v-3ph-60Hz
or 220v-3ph-50Hz
Remote-mount power receptacle
Microprocessor control system
CAB COMMAND™ remote control center
Critical Cargo Monitor (in cab)
Audible temperature alarm (in cab)
Red light visual warning alarm (in cab)
Automatic pretrip system
Lighted CAB COMMAND keys
Main on/off system power switch
Display indicators
Cool-Heat-Defrost
Start/Stop-Out of Range
Engine Operation-Electric Standby
Digital readout
CAB COMMAND (in cab)
Engine coolant temperature
Unit suction pressure
Battery voltage
Engine run hours
Electric standby hours

Standard Features (continued):

Maintenance interval hours
Total on-time hours
Setpoint temperature
Box return-air temperature
Automatic Start/Stop fuel saver
City Speed control
Automatic defrost control
Programmable defrost timer
Defrost air switch
Automatic defrost termination
Manual defrost override
EPDM coolant hoses
Extended-life antifreeze
High coolant temperature protection
High-power 70-amp alternator
Heavy-duty dry air cleaner
Spin-on fuel and lube filters
Low engine oil protection
High refrigerant pressure protection
Low refrigerant pressure protection
Receiver tank pressure relief
Bottom panel
Installation package
Electric fuel pump
Fuel lines
Battery cables
Installation hardware
Fuel tank pickup tubes