



SUPRA[®] 860

United Technologies



**Superior refrigeration
performance for large trucks.**

PERFORMANCE SPECIFICATIONS

SUPRA® 860

Supra 860 unit offers exceptional reliability and performance for better load protection and quality in larger trucks.

Supra 860 unit delivers increased performance and system life while reducing maintenance and service costs.

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

- **Extended service intervals** for maximum asset utilization.
- **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
- Fuel heater
- Top debris protection grille
- High-voltage electric standby
460v-3ph-60Hz
- Supply-air control
- Stealth noise reduction kit
- Open door shutdown switch
- Coolant heat system (diesel operation)
- Electric heat system (standby operation)



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	22,000	6,450
0°F (-18°C)	15,500	4,745	15,000	4,395
-20°F (-29°C)	10,000	2,930	9,500	2,785

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
- Extended-life antifreeze
- High coolant temperature protection
- High-power 105-amp alternator
- 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

Specifications are subject to change without notice.

Warranty: Product warranty and limitations are outlined in Form 62-10857.

This warranty applicable only in North America. Consult your Carrier Transcold representative for warranty coverage elsewhere. Form 62-11686.

North America
Carrier Transcold
700 Olympic Drive
Athens, GA 30601 USA
Tel: 706-357-7223
Fax: 706-355-5435

Central America and Mexico
Ejercito Nacional 253-A Piso 5
Colonia Anahuac
11320 Mexico D.F.
Ph: (5255) 5531-5010
Fax: (5255) 5531-5010 ext.1005



Carrier Transcold Division
Truck/Trailer Products Group
P.O. Box 4805
Syracuse, NY 13221 USA