



SUPRA[®] 960

United Technologies

**High-powered refrigeration
performance for the
largest trucks.**



PERFORMANCE SPECIFICATIONS

SUPRA[®] 960

Supra 960 unit delivers superior reliability, capacity, and airflow to ensure maximum protection and the highest cargo quality.

Supra 960 unit's total flexibility means virtually any setpoint on any truck body size.

• **Heavy-duty, high-displacement engine and compressor** run slower for longer life and lower operating costs.

• **Extended service intervals** for maximum asset utilization.

• **Sleek, attractive composite skins** are lightweight, damage-resistant, and easy to clean.

• **Powerful optional electric standby motor** offers superior performance and longer operating life.

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



Condenser Dimensions

78.5" x 37.0" x 27.5"
(1,995 x 940 x 699 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-36: 1,250 lb (567 kg) without standby
TDS-36: 1,300 lb (590 kg) with standby

Cooling/Temperature Capacity:
Ambient at 100°F (38°C)
Speed: 2,250 rpm diesel/60-hertz electric operation

Evaporator Return Air Temp.	Diesel Operation		Standby Operation	
	Btuh	Watts	Btuh	Watts
35°F (2°C)	32,000	9,380	31,000	9,085
0°F (-18°C)	20,000	5,860	20,000	5,860
-20°F (-29°C)	12,500	3,665	12,500	3,665

Standard Features Include:

- CT3-69 TriVortex diesel engine
- 05G 37CID 6-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
- 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

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 62-11687.

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