



**SUPRA<sup>®</sup> 960**

United Technologies

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



# PERFORMANCE SPECIFICATIONS

## SUPRA<sup>®</sup> 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
- Host system 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 Transicold representative for warranty coverage elsewhere. Form 62-11687.

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A member of the United Technologies Corporation family. Stock symbol UTX.  
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