



**SUPRA<sup>®</sup> 660**

United Technologies

**Superior reliability and temperature control for medium-sized trucks.**



# PERFORMANCE SPECIFICATIONS

## SUPRA<sup>®</sup> 660

Supra 660 has proven its reliability and performance over years of tough field duty.

Supra 660 offers faster pulldown, quicker recovery, and enhanced product protection even with frequent door openings.

- **Low engine and compressor RPM operation** for fuel economy and low maintenance cost.



### Condenser Dimensions

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

### Evaporator Dimensions

48.2" x 24.9" x 11.1"  
(1,225 x 632 x 283 mm)

### Body Opening

49.0" x 12.2"  
(1,245 x 310 mm)

### Approximate Weights:

TDB-16: 913 lb (414 kg) without standby  
TDS-16: 958 lb (434 kg) with standby

Cooling/Temperature Capacity:

Ambient at 100°F (38°C)

Speed: 2,200 rpm diesel/60-hertz  
electric operation

Evaporator Return Air Temp.	Diesel Operation		Standby Operation	
	Btuh	Watts	Btuh	Watts
35°F ( 2°C)	17,500	5,130	15,500	4,540
0°F (-18°C)	10,000	2,930	10,000	2,930
-20°F (-29°C)	6,000	1,760	5,700	1,670

- **Extended service intervals** for maximum asset utilization.
- **Exceptional reliability** ensures the lowest overall cost to operate.
- **Low engine RPM and acoustically designed skins** offer exceptionally quiet operation.
- **Virtually automatic operation** that is incredibly easy to use.

### 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  
Coolant heat systems (diesel operation)  
Electric heat system (standby operation)

### Standard Features Include:

CT3-44 TriVortex diesel engine  
05K12 2-cylinder compressor  
Long life spin-on lube oil filter  
Long life maintenance-free evaporator fan motors  
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  
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 70-amp alternator  
Heavy-duty dry air cleaner  
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 62-11660 Rev A.

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