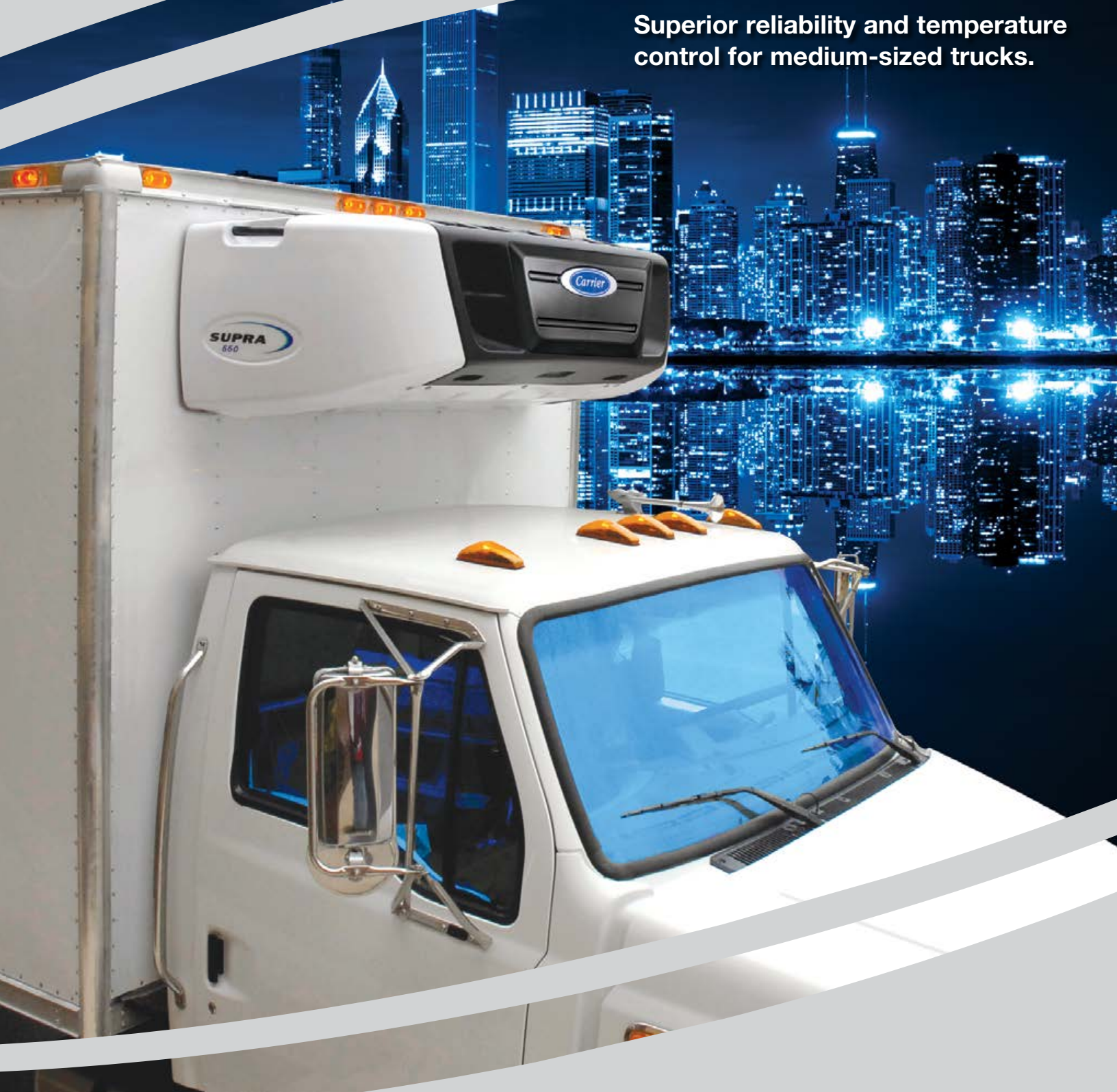




# SUPRA<sup>®</sup> 660

United Technologies

Superior reliability and temperature control for medium-sized trucks.



# PERFORMANCE SPECIFICATIONS

## SUPRA® 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.

- **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
- Open door shutdown switch
- Coolant heat systems (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 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

### 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 Transcold representative for warranty coverage elsewhere. Form 62-11660 Rev C.

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