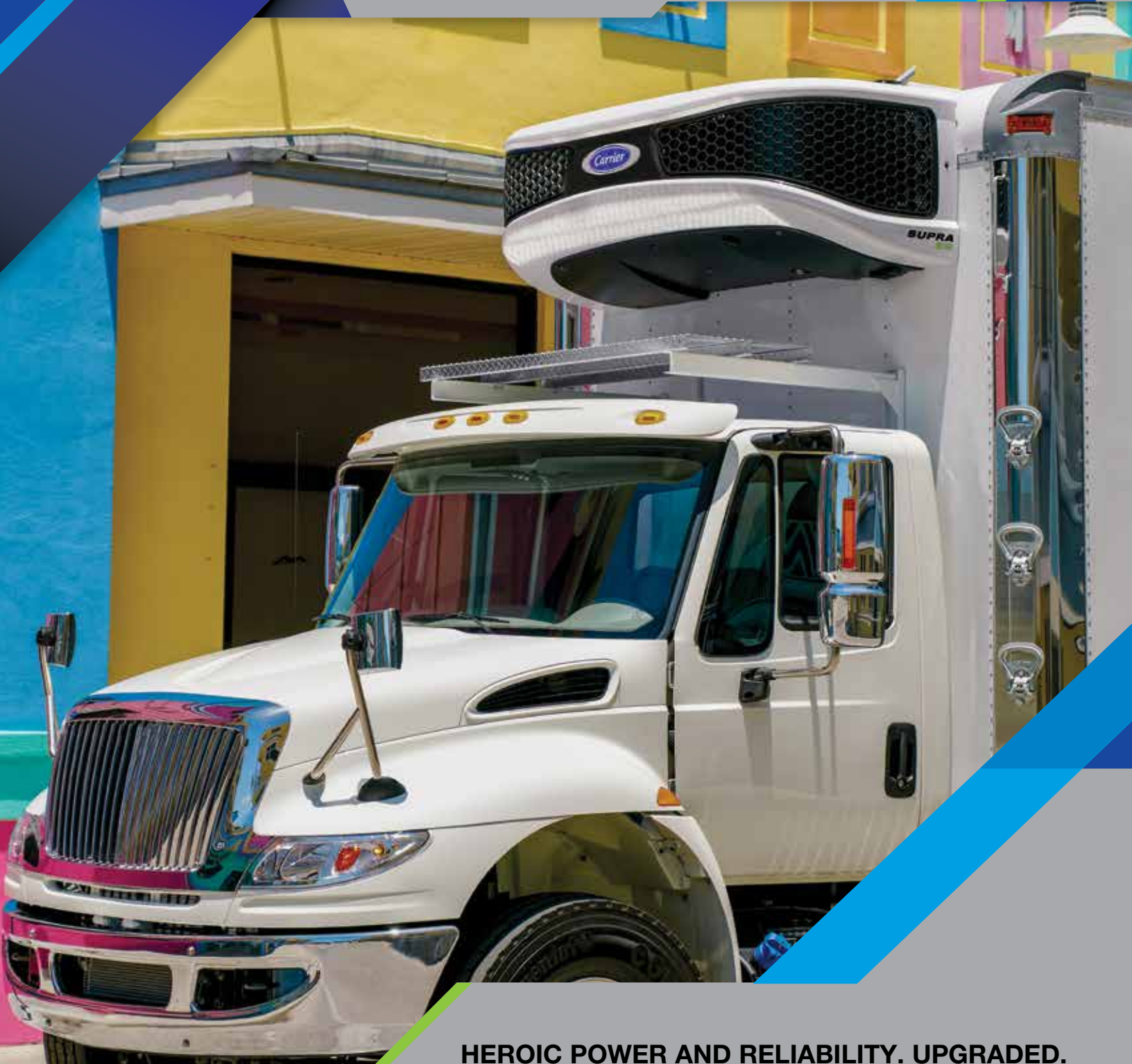




# SUPRA S9



## **HEROIC POWER AND RELIABILITY. UPGRADED.**

Meet the sequel to one of the most trusted names in truck refrigeration units. The new Supra® unit is redesigned and revamped for greater performance and greater control.

# SUPRA S9

## PERFORMANCE SPECIFICATIONS



**Supra® S9 Unit.** Explore a unit engineered for the reliable transport of perishable and frozen food in large-sized trucks. The Supra S9 unit builds on a legacy 20 years in the making with an innovative new design, superior capacity and performance you can count on.

**Proven Reliability.** The Supra S9 unit provides higher capacity, faster pulldown and a smarter, high-efficiency platform that ensures dependability and peace of mind.

**Intelligent Operation.** APX™ Control System combines remarkable control intelligence, temperature control and system reliability with amazingly simple operation.

**Quality Engineering.** By streamlining the design and using fewer mechanical components, we've extended the service interval to 2,000 hours, increased the overall lifespan and greatly reduced total operating costs.

**Expert Service and Support.** With 180 dealer locations across North America and 24/7 service access, help is never out of reach.

### Condenser Dimensions

75.4" x 32.1" x 24.2"  
(1,914 x 815 x 615 mm)

### Evaporator Dimensions

48.2" x 21.7" x 11.4"  
(1,225 x 550 x 290 mm)

### Body Opening

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

### Approximate Weights

TDB-59: 908 lb (413 kg) without standby  
TDS-59: 1,015 lb (460 kg) with electric standby

### Evaporator Air Flow

1,500 cfm (2,548 m<sup>3</sup>/hr)

### Cooling Capacity

Evaporator Return Air Temp.	Diesel Operation		Standby Operation	
	BTU/hr	Watts	BTU/hr	Watts
35°F ( 2°C)	24,000	7,034	23,500	6,887
0°F (-18°C)	18,500	5,422	17,500	5,129
-20°F (-29°C)	11,500	3,370	10,000	2,931

Ambient at 100°F (38°C)  
Speed: 2,100 rpm diesel/60Hz electric standby operation

### Standard Features Include:

- Tier 4 Final D-722 smart diesel engine, 3 cylinder
- Electronic controls
- High-power 110-amp alternator
- ESI (Extended Service Interval) package
- 2,000 hour service interval
- Multistage, synthetic media oil filter
- Water-separating fuel filter
- Heavy-duty, low noise dry air cleaner
- Extended-life coolant
- 05K12, 4-cylinder compressor
- 24.4 in<sup>3</sup> displacement
- Refrigerant R-404A, 7.1 lb. (3.2 kg)
- High-efficiency refrigeration system
- Electronic suction modulation valve
- Brazed plate heat exchanger
- Automatic start/stop fuel saver
- Three-way refrigeration valve system
- High-efficiency microchannel condenser
- Maintenance-free electric condenser fan
- Maintenance-free evaporator fan motors
- Automatic hot-gas heating system
- APX Control System
- Data recorder
- Automated pretrip with component level fault detection
- On-board diagnostics with visual indicator and audible alarm
- Setpoint and operating mode locking
- Smart door switch logic
- Programmable FreshProtect perishable protection system
- City speed control (quieter operation)

### Standard Features (continued):

- Automatic defrost control
- Cab Command™ Controller
- Intuitive controls
- Digital readout
- Setpoint/operating mode
- Supply air temperature
- Ambient temperature
- Hour meters (switch on, diesel, standby, maintenance)
- Electric standby standard with model TDS-59
- 208v/230v-3ph-60Hz
- Top grille
- Bottom panel
- Installation package

### Accessories and Options:

- Carrier eSolutions™ telematics
- DataLink™2 independent data recorder/printer
- 460v/3ph/60Hz electric standby
- Battery box (separate from truck)
- 30-gallon fuel tank
- 50-gallon fuel tank
- Remote temperature sensor
- Open door shutdown switch
- Fuel sensor
- Stealth™ Noise Reduction
- Auxiliary heat systems
- Remote light bar
- Snow/rain cover
- Refrigerant R-452A, 7.1lb (3.2kg)
- Oil drain adapter

Specifications are subject to change without notice.  
Warranty: Product warranty and limitations are outlined in Form 62-12102.  
This warranty is applicable only in North America. Consult your Carrier Transcold representative for warranty coverage elsewhere. Form: 62-12136.

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