

SPECIFICATION SHEET
PRECEDENT[®] S-610_{DE}



STANDARD FEATURES

- Smart Reefer[®] SR-4 Controller
- Diesel Direct Electric (DDE) architecture with ETV
- Common Rail fuel injection
- Microchannel condenser coils
- 2-speed evaporator
- Sensors
- Easy-access door design
- 30 or 50-gallon aluminum undermount fuel tank
- Visual fuel level gauge
- Service Watch

OPTIONS

- Supplemental power kit
- Remote monitoring lights
- Arctic package
- Frost plug heater
- Battery charger, 120 amp
- Appearance options
 - LED lighting kit
 - Chrome package
- Fuel tanks and sensors
- TrackKing[®] telematics
- Cargo Link[®] wireless sensors
- 3rd zone connection for remote evap
- Severe duty package
- SmartPower[™] electric standby
 - Standard
 - High Output (HO)
- SmartPower prep package

EPA COMPLIANCE

EPA Emissions Compliance:
 Tier IV Final

CARB COMPLIANCE

California Air Resources Board (CARB):
 ULETRU (Evergreen)

S-610_{DE} SYSTEM PERFORMANCE

REFRIGERATION CAPACITY

(System net cooling capacity at 100°F ambient and high speed engine operation - combined 2-zone system)

	Engine Power w/ETV		Electric Power*	
	BTU/hr	Watts	BTU/hr	Watts
35°F	55,000	16,118	49,000	14,360
0°F	30,000	8,792	28,000	8,204
-20°F	18,000	5,275	17,000	4,981

*Thermo King offers several electric standby options. See your Thermo King dealer for specific unit performance on the option that best suits your needs.

Heating Capacity	Engine Power w/ETV
BTU/hr	39,000

(System net heating capacity at 35/0°F ambient)

Airflow Capacity

Volume at 0 Pa static pressure Combined zone 1 + zone 2 = 2,850 ft³/min

Engine: four cylinder, direct injection, liquid cooled

Model	TK488CR
RPM at High Speed	2,050
RPM at Low Speed	1,250
Hp Rating at 2,050 RPM	33
Oil Capacity	12 qt
Maintenance Interval	3,000 hrs/4,000 hrs

Compressor: lightweight aluminum alloy body, heads and deep sump

Model	X430L
Displacement	30.0 in ³

Refrigerant: (Zero Ozone Depletion Potential (ODP), internationally approved)

Charge	16.5 lbs
--------	----------

System Weight

50 gallon fuel tank with bracket	76 lbs
----------------------------------	--------

All Thermo King equipment is backed by the Thermo King dealer service network, with locations all across North America.

