

SPECIFICATION SHEET  
**PRECEDENT<sup>®</sup> S-610<sub>M</sub>**



### STANDARD FEATURES

- SMART REEFER<sup>™</sup> SR-4 Controller
- Diesel Direct Electric (DDE) architecture with ETV
- Common Rail fuel injection
- Microchannel condenser coils
- 2-speed evaporator
- CargoWatch<sup>™</sup>
- Easy-access door design
- 30 or 50-gallon aluminum undermount fuel tank
- Visual fuel level gauge
- ServiceWatch<sup>™</sup>

### OPTIONS

- Supplemental power kit
- SmartPower electric standby
  - Standard
  - High output (HO)
- SmartPower prep package
- Remote monitoring lights
- Arctic package
- Frost plug heater
- Battery charger, 120 amp
- Appearance options
  - LED lighting kit
  - Chrome package
- Fuel tanks and sensors
- PrimAir air management products
- TracKing<sup>®</sup> telematics
- CargoLink wireless sensors
- Severe duty package

### EPA COMPLIANCE

EPA Emissions Compliance:  
 Tier IV Final

### CARB COMPLIANCE

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

## S-610M SYSTEM PERFORMANCE

### REFRIGERATION CAPACITY

(System net cooling capacity at 100°F ambient and high speed engine operation)

	Engine Power w/ETV		Electric Power*	
	BTU/hr	Watts	BTU/hr	Watts
35°F	57,500	16,852	48,500	14,214
0°F	30,500	8,939	30,500	8,939
-20°F	18,000	5,275	18,000	5,275

\*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	36,000

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

### Airflow Capacity

Volume at 0 Pa static pressure	3,350 ft <sup>3</sup> /min
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### 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 <sup>3</sup>

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

Charge	N/A
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### System Weight

50 gallon fuel tank with bracket	1,902 lbs 76 lbs
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All Thermo King equipment is backed by the Thermo King dealer service network, with locations all across North America.

