THERMO KING

SPECIFICATION SHEET

Precedent® S-610M

Our Superior Compliant Multi-Temp Solution

For distributors and retailers that need a superior and CARB ULETRU compliant multi-temp offering, the S-610M is your best choice. Deliver Thermo King dependability to your fleet with flexible multi-temp configurations. As always, our proven and compliant S-Series platform means reduced maintenance, fuel efficiency and a DPF-free system.



STANDARD FEATURES

- Smart Reefer® SR-4 controller for superior temperature control
- Factory equipped with 24 months complimentary TracKing® Telematics
- ServiceWatch enabled for maintenance monitoring
- OptiSet® Plus cargo profiles for maintaining product integrity
- Diesel Direct Electric (DDE) architecture for maximized fuel efficiency
- Common rail fuel injection with real-time monitoring
- 2-stage fuel filtration system
- Microchannel condenser coils
- 2-speed evaporator
- Simple user interface with USB service diagnostics
- 50-gallon aluminum undermount fuel tank w/visual fuel level gauge

OPTIONS

- Temperature data logger for enhanced load protection
- Customizable appearance
  - LED lighting kit
  - Chrome package
- Arctic package
- Severe duty package
- ThermoLite® solar panels
- Alternator, 65amp, 12Vdc
- Battery charger
- Supplemental power kit
- SmartPower™ prep package
- SmartPower™ electric standby
  - Standard and High Output (HO) options

CARB/EPA COMPLIANCE

- California Air Resources Board (CARB): Evergreen Certification since 2013
- Complies with highest possible EPA standards (>25HP Tier IV)

S-610M SYSTEM PERFORMANCE

REFRIGERATION CAPACITY

(System net cooling capacity with 1-S3 remote evap 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	44,000	12,896
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: System net heating capacity at 35/0°F ambient

	Engine Power w/ETV
BTU/hr	43,000

AIRFLOW CAPACITY

Volume at 0 Pa static pressure	3,300 ft^3/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)

	R452A
Charge	~17 lbs

WEIGHT

System	1,918 lbs
50 gallon fuel tank (with bracket)	76 lbs

TRANE TECHNOLOGIES

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