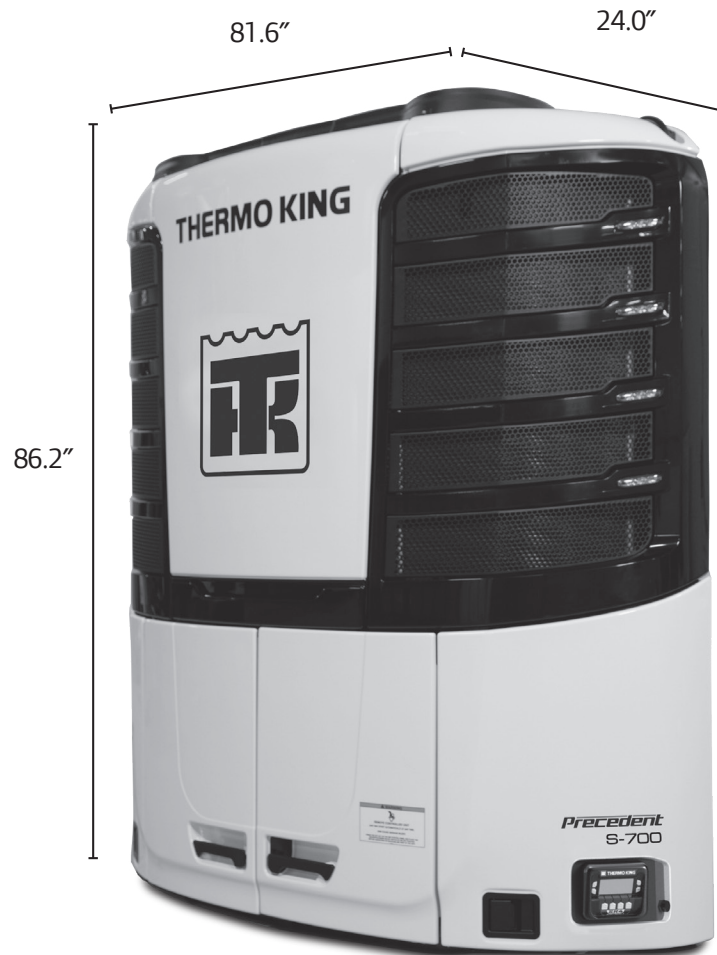


# SPECIFICATIONS

**THERMO KING**

## SPECIFICATION SHEET PRECEDENT<sup>®</sup> S-700



### STANDARD FEATURES

- Smart Reefer<sup>®</sup> SR-4 controller for superior temperature control
- Factory equipped with TrackKing<sup>®</sup> Telematics for two-way electronic communication
- ServiceWatch enabled for maintenance monitoring
- OptiSet Plus<sup>®</sup> cargo profiles for maintaining product integrity
- Diesel Direct Electric (DDE) architecture for maximized fuel efficiency

### OPTIONS

- Temperature data logger for enhanced load protection
- Customizable appearance
  - LED lighting kit
  - Chrome package

### CARB/EPA COMPLIANCE

- California Air Resources Board (CARB): Evergreen Certification  
*The only Ultra Low Emissions Trailer Refrigeration Unit (ULETRU) in North America*
- Complies with highest possible EPA standards (>25HP Tier IV)

# S-700 SYSTEM PERFORMANCE

## REFRIGERATION CAPACITY

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

	Engine Power with ETV		Electric Power*	
	BTU/hr	Watts	BTU/hr	Watts
35°F	68,000	19,929	50,000	14,654
0°F	37,000	10,844	35,000	10,257
-20°F	25,000	7,327	25,000	7,327

\*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		72,000
<b>Airflow Capacity</b>		
Volume at 0 Pa static pressure		3,300 ft <sup>3</sup> /min
<b>Engine: four cylinder, direct injection, liquid cooled</b>		
Model		TK488CRH
RPM at High Speed		2,600
RPM at Low Speed		1,450
Hp Rating at 2,600 RPM		35.0
Oil Capacity		12 qt
Maintenance Interval		3,000 hrs/4,000 hrs
<b>Compressor: lightweight aluminum alloy body, heads and sump</b>		
Model		X430L
Displacement		30.0 in <sup>3</sup>
<b>Refrigerant: (Zero Ozone Depletion Potential (ODP), internationally approved)</b>		R404A
Charge		14.5 lbs
<b>Weight</b>		
System		1,882 lbs
50 gallon fuel tank (with bracket)		76 lbs

STANDARD FEATURES	OPTIONS
<ul style="list-style-type: none"> <li>• Common Rail fuel injection with real-time monitoring</li> <li>• 2-stage fuel filtration system</li> <li>• Fix-on-fail exhaust gas recirculation system</li> <li>• Microchannel condenser coils</li> <li>• 2-speed evaporator</li> <li>• Simple user interface with USB service diagnostics</li> <li>• 50-gallon aluminum undermount fuel tank w/ visual fuel level gauge</li> </ul>	<ul style="list-style-type: none"> <li>• Fresh air exchange</li> <li>• Arctic package</li> <li>• Severe duty package</li> <li>• ThermoLite solar panels</li> <li>• Alternator, 65amp, 12Vdc</li> <li>• Battery charger</li> <li>• Supplemental power kit</li> <li>• SmartPower™ prep package</li> <li>• SmartPower™ electric standby                             <ul style="list-style-type: none"> <li>- Standard and High Output (HO) options</li> </ul> </li> </ul>