

SPECIFICATION SHEET  
**PRECEDENT® S-700**



### STANDARD FEATURES

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

### OPTIONS

- Severe duty package
- Supplemental power kit
- SmartPower™ electric standby
  - Standard
  - High output (HO)
- SmartPower prep package
- Remote monitoring lights
- Arctic package
- Frost plug heater
- Alternator, 65 amp, 12Vdc
- Battery charger
- Appearance options
  - LED lighting kit
  - Chrome package
- Fresh air exchange
- Fuel tanks and sensors
- PrimAir™ air management products
- TracKing® telematics
- Cargo Link® wireless sensors

### EPA COMPLIANCE

EPA Emissions Compliance:  
 Tier IV Final

### CARB COMPLIANCE

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

# S-700 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	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	Engine Power w/ETV
BTU/hr	72,000

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

## Airflow Capacity

Volume at 0 Pa static pressure 3,300 ft<sup>3</sup>/min

## Engine: four cylinder, direct injection, liquid cooled

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

## Compressor: lightweight aluminum alloy body, heads and sump

Model	X430L
Displacement	30.0 in <sup>3</sup>

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

Charge	14.5 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.

