

Precedent® S-700

Achieve Maximum Capacity While Staying Compliant

The S-700 builds on the strength of the S-Series platform with a more powerful system. That means you receive superior deep-frozen capacity. This capacity is paired with the CARB ULETRU compliant S-Series engine, allowing you to enjoy strong fuel savings for the long haul without the need for a DPF.



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-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	19,930	50,000	12,896
0°F	37,000	10,844	35,000	10,258
-20°F	23,000	6,741	23,000	6,741

*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

BTU/hr

Engine Power w/ETV

72,000

AIRFLOW CAPACITY

Volume at 0 Pa static pressure

3,300 ft³/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 ³

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

R452A

Charge

Charge 14.5 lbs

WEIGHT

System	1,882 lbs
50 gallon fuel tank (with bracket)	76 lbs



TRANE
TECHNOLOGIES

TK 55871-2-PL (03-24)

© 2024 Trane Technologies
All rights reserved.

www.thermoking.com