

## 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
- TrackKing® 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 | R404A |
|--------|-------|

|               |           |
|---------------|-----------|
| System Weight | 1,872 lbs |
|---------------|-----------|

|                                    |        |
|------------------------------------|--------|
| 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.

