



Precedent® G-700

Specialized for trailers and offers more choices, greater efficiency and the tightest temperature control in the industry.



G-700: WITH CUTTING EDGE TECHNOLOGY.



THE LEADER

Since inventing refrigerated transport in 1938, Thermo King has been the world leader, designing innovative solutions for customers that utilize the latest in efficient technologies while maintaining the reliability and lowest cost of ownership the company is famous for. Add in the unmatched support and factory-trained technicians of the Thermo King dealer network and it's clear why Thermo King continues to be the driving force in transport temperature control.

STANDARD FEATURES

- SMART REEFER™ SR-4 Controller
- Diesel Direct Electric (DDE) architecture with ETV
- Microchannel condenser coils
- 2-speed evaporator
- OptiSet™ Plus
- CargoWatch™
- Easy-access door design
- 190L aluminum undermount fuel tank w/visual fuel level gauge
- ServiceWatch™

OPTIONS

- Severe duty package
- Supplemental power kit
- SmartPower electric standby
- 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
- CargoLink wireless sensors



G-700 SYSTEM PERFORMANCE

Refrigeration Capacity (System net cooling capacity at 37.8°C (100°F) ambient and high speed engine operation)

	Engine Power w/ETV		Electric Power* (12Hp)	
	Watts	BTU/hr	Watts	BTU/hr
1.7°C (35°F)	19,929	68,000	9,515	32,468
-17.8°C (0°F)	10,844	37,000	6,333	21,608
-28.9°C (-20°F)	7,327	25,000	3,832	13,077

*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 1.7/-17.8°C (35/0°F) ambient)	Engine Power w/ETV
kW	16,325

Airflow Capacity	
Volume at 0 Pa static pressure	5,610 m ³ /h

Engine: four cylinder, direct injection, liquid cooled	
Model	TK486VHA
RPM at High Speed	2,600
RPM at Low Speed	1,450
Hp Rating at 2,600 RPM	35.0
Oil Capacity	11.36 L
Maintenance Interval	3,000 hrs/4,000 hrs

Compressor: lightweight aluminum alloy body, heads and sump	
Model	X430P
Displacement	492cc

Refrigerant: (Zero Ozone Depletion Potential (ODP), internationally approved)	
Charge	6.6 kg

System Weight	
190L fuel tank (with bracket)	34.5 kg

THE PRECEDENT ADVANTAGE: DELIVERING PERFORMANCE AND VALUE TO YOUR BOTTOM LINE.



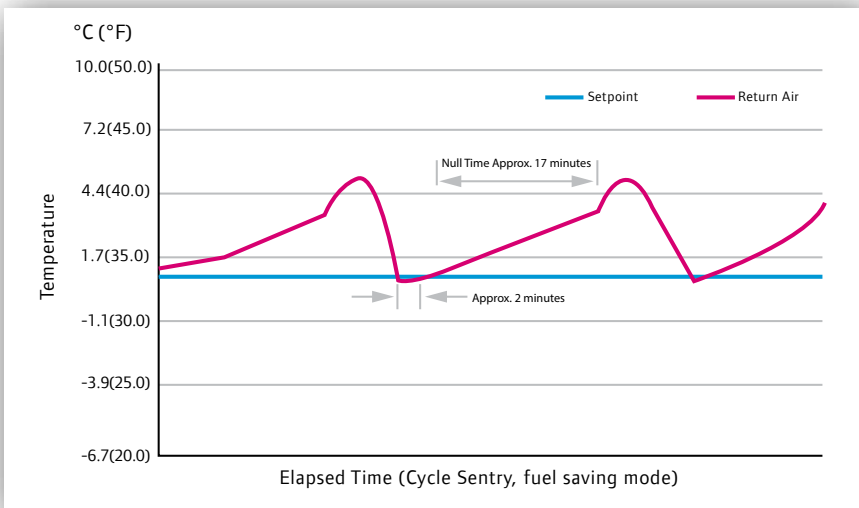
DIESEL DIRECT ELECTRIC ARCHITECTURE

The Precedent platform utilizes our unique DDE (Diesel Direct Electric) architecture to drive optimum efficiencies and double-digit fuel savings across real-world applications. It's a smarter approach, with the expressed goal of making a lasting difference on your budget. When creating Precedent, we looked at diesel-electrical and diesel-mechanical designs, and after extensive analysis we chose the best of both. Precedent utilizes DDE architecture to drive optimum efficiencies and double-digit fuel savings and ensures minimal energy loss and maximized fuel efficiency and reliability when compared to other solutions.

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ECO-PULLDOWN

Thermo King's entire line of Precedent refrigeration units offer patent-pending Eco-Pulldown technology that can dramatically reduce fuel consumption. Eco-Pulldown technology takes advantage of the efficient design of the Precedent refrigeration system. This option, which can be enabled or disabled through guarded access, allows the unit to operate in low speed during initial pulldown until the temperature inside the trailer reaches setpoint. Operating the unit in Eco-Pulldown can save up to 35% in fuel usage during the initial pulldown without significantly increasing the overall unit run time. See your dealer for specific unit configuration options.



UNMATCHED TEMPERATURE CONTROL

“Close enough” isn’t what your customers are looking for with their temperature-sensitive cargo, and no one offers tighter temperature control than Precedent. Your unit should perform as you program it to, which is just what Precedent units do. No magic, no averaging, just unmatched temperature control that helps ensure your loads arrive exactly as they should.



PROVEN X-430P COMPRESSOR

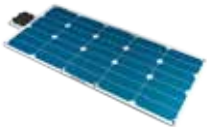
The Precedent line features our X-430P compressor, which is founded on a nearly 40-year operational legacy for unmatched serviceability and substantial efficiencies. This well-proven reciprocating compressor provides the performance and reliability Thermo King is famous for and, when combined with the latest Precedent architecture, delivers better operating efficiencies than ever before.

CUSTOMIZE WITH THE RIGHT OPTIONS FOR YOUR BUSINESS



TracKing™ FLEET MANAGEMENT

TracKing is a dynamic, web-enabled trailer tracking system that provides traceability through the cold chain and increased shelf life while delivering temperature compliance and increased productivity. TracKing gives fleet owners the tools to protect their assets, improve their response times and manage their operating costs while maintaining the highest food safety and quality standards.



ThermoLite™ SOLAR PANELS

ThermoLite Solar Panels can deliver clean, reliable performance in a wide variety of applications, resulting in longer battery life, decreased waste, lower fuel consumption and reduced emissions (Only available from aftermarket).



CARGOLINK™ WIRELESS SENSORS

The CargoLink Wireless Sensor System helps ensure your load is protected while reducing maintenance costs.



SMARTPOWER AND SMARTPOWER PREP



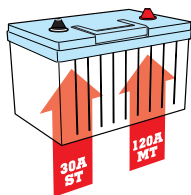
Run offshore power with three SmartPower options for Precedent. Select the voltage and capacity option that best fits your needs — then rest easy knowing all components are included in our major component warranty coverage. Choose SmartPower Prep and when the time is right, a Thermo King dealer can convert your unit from non-shore power equipped to shore power equipped in less than a day.

SUPPLEMENTAL POWER KIT



Need a little more power to get you through the day? Look no further than our Supplemental Power Kit. It provides an additional source of twelve volts of power towards charging the accessory batteries — meaning more juice for your interior lighting, power lift gates, air curtains and more.

ELECTRONIC POWER MANAGEMENT



Designed specifically for Precedent unit, the battery charger provides consistent battery charging under varying load conditions. Charging is more effective than with alternators and it comes with a 4-year parts and labor warranty. Reduce battery failures, increase fuel economy and improve uptime - this option pays for itself!

STATUS LIGHTS



Featuring a “can’t miss” display, Thermo King’s status lights increase driver awareness of operational essentials including fuel level and load temperature to reduce the risk of load loss and other costly service issues.



Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$13 billion global business committed to a world of sustainable progress and enduring results.



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