



LEGEND
— Born of Leadership —



Thermo King – by Trane Technologies (NYSE: TT), a global climate innovator – is a worldwide leader in sustainable transport temperature control solutions. Thermo King has been providing transport temperature control solutions for a variety of applications, including trailers, truck bodies, buses, air, shipboard containers and railway cars since 1938. For more information, visit www.thermoking.com or www.tranetechnologies.com.

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THE LEGEND SERIES
OF TRAILER
REFRIGERATION UNITS

TRANE
TECHNOLOGIES

Ultimate choice

START A LEGEND JOURNEY

Study Legend from all sides and select one of Six hotspots to dive in and find out exactly how it works.

REFORMED PLATFORM

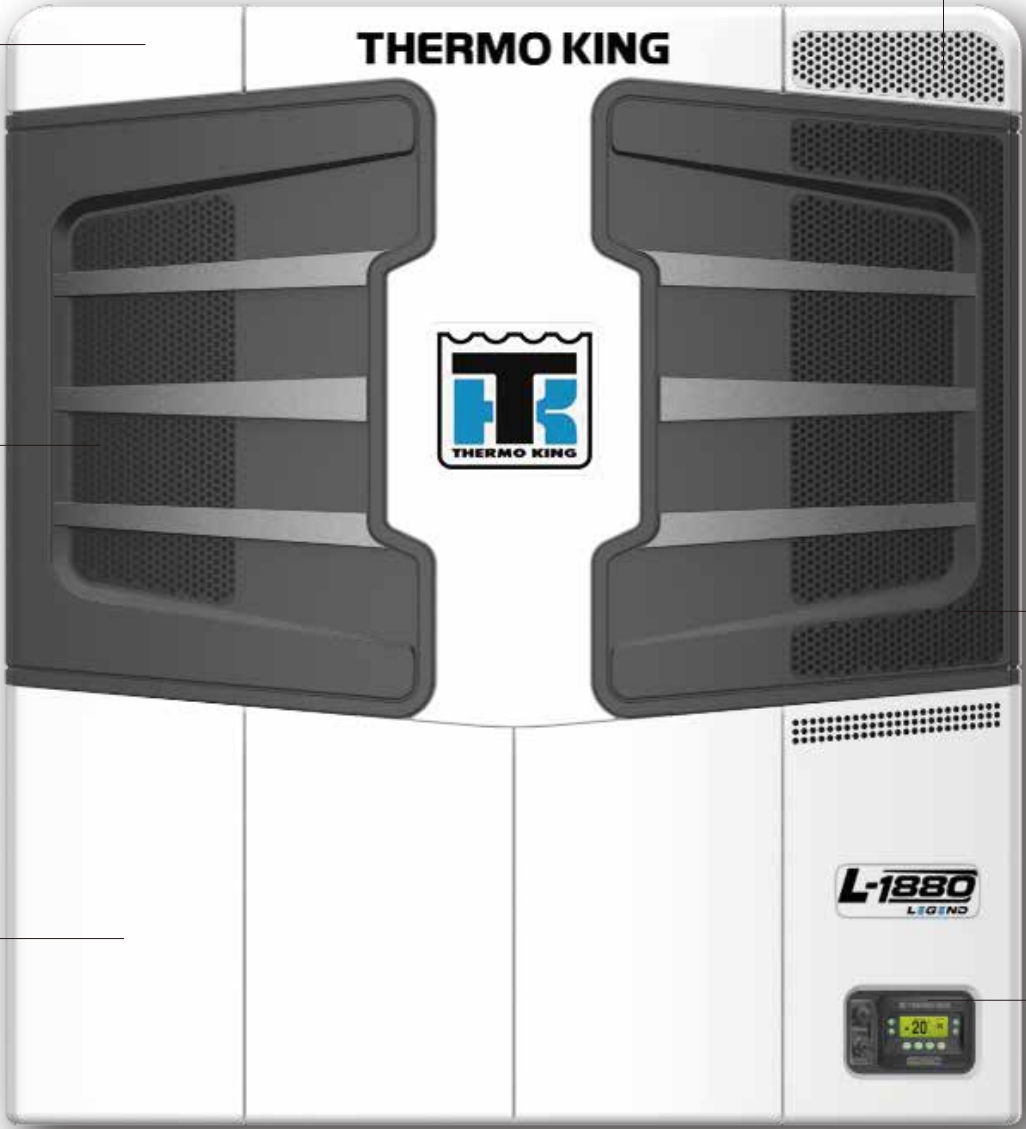
Strategically leverage Thermo King global Trailer platforms to deploy an enhanced trailer solution for local market

OUTSTANDING PERFORMANCE

Fast pull down and consistent capacity output across all conditions
Uniform temperature distribution with independent airflow even at low engine speed
Monitor engine load for optimal performance in harshest of environments

POWERFUL OFFERING

Enable standby to save fuel and protect environment (option)
Tbox as standard telematics solution
Bottom discharge of airflow(option)



LOWER MAINTENANCE COST

30% lower maintenance rate/ frequency
27% reduction of components quantity (lower complexity)
52% of historic downtime saving from removed components

EXCEPTIONAL EFFICIENCY

Save 15% fuel with unrivalled variable airflow, brushless fans,smart control algorithm and electronic engine speed control (ECO Governor)

INTELLIGENT CONTROL

Feature an IP67 HMI with multi-language support
Automated pre-trip function to avoid unexpected downtime
Live fuel consumption data display
Model-based intelligent engine control algorithm

LEGEND

Technical specifications



SPECIFICATIONS

L-1880

REFRIGERATION CAPACITY: SYSTEM NET COOLING CAPACITY AT 30 °C AMBIENT TEMPERATURE

37.8 °C (100°F) AMBIENT TEMPERATURE

Engine Power (W)	0 °C	19,000	1.7 °C (35°F)	17,500
	-20 °C	10,000	-17.8 °C (0°F)	9,200
Electric Stand-by Power (W)	0 °C	13,300	1.7 °C (35°F)	9,700
	-20 °C	7,000	-17.8 °C (0°F)	6,100

HEATING CAPACITY: BOX TEMPERATURE 2 °C, AMBIENT TEMPERATURE -18 °C

Engine Power (W)	13,000
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AIRFLOW: ON HIGH SPEED ENGINE OPERATION

Airflow volume @ 0 Pa static pressure (m³/h)	5,800
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WEIGHT: INCLUDES BATTERY

Model 30 (kg)	778
Model 50 (kg)	838

ENGINE: LOW EMISSIONS, 4-CYLINDER, LIQUID COOLED

Model	TK486VEGB4
Rating (kW)	18.4
Maintenance interval (hr)	3,000

COMPRESSOR: LIGHTWEIGHT ALUMINIUM ALLOY

Model	X430 P
Displacement (CC)	492

ELECTRIC STAND-BY OPTION

Voltage / Phase / Frequency (V/Ph/Hz)	400V 3Ph 50hz
Rating (kW)	9.3

REFRIGERANT: R-452A ZERO OZONE DEPLETION POTENTIAL (ODP), INTERNATIONALLY APPROVED (R-404A OPTIONAL)

Charge (kg)	5.7
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Dimensions

W*H*D (mm)	2279*2076*440
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Controller

Type	ARCHON-T
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