

L E G E N D  
— 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](http://www.thermoking.com) or [www.tranetechnologies.com](http://www.tranetechnologies.com).

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THE LEGEND SERIES  
OF TRAILER  
REFRIGERATION UNITS

# 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

## DIMENSIONS



## 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			
AIRFLOW: ON HIGH SPEED ENGINE OPERATION				
Airflow volume @ 0 Pa static pressure (m <sup>3</sup> /h)	5,800			
WEIGHT: INCLUDES BATTERY				
Model 30 (kg)	778			
Model 50 (kg)	838			
ENGINE: LOW EMISSIONS, 4-CYLINDER, LIQUID COOLED				
Model	TK486VEGS5(NRMM Stage V compliant)			
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			
Dimensions				
W*H*D (mm)	2076*2279*440			
Controller				
Type	ARCHON-T			