

# MONZONE®

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**Monzone Customer Hotline**  
**(65) 6365 1315 (24/7)**  
**(6016) 262 1315 (24/7)**

# THERMO KING

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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## Thermo King customer service hotline

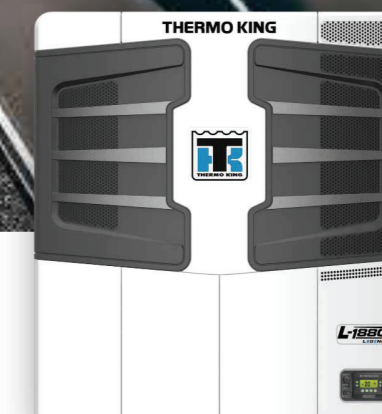
 **800-820-2828**

 **400-820-7972**

 **THERMO KING**

**MONZONE®**

L E G E N D  
— Born of Leadership —



THE LEGEND SERIES  
OF TRAILER  
REFRIGERATION UNITS

**TRANE**  
TECHNOLOGIES

# Ultimate choice

## REFORMED PLATFORM

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

## OUTSTANDING PERFORMANCE

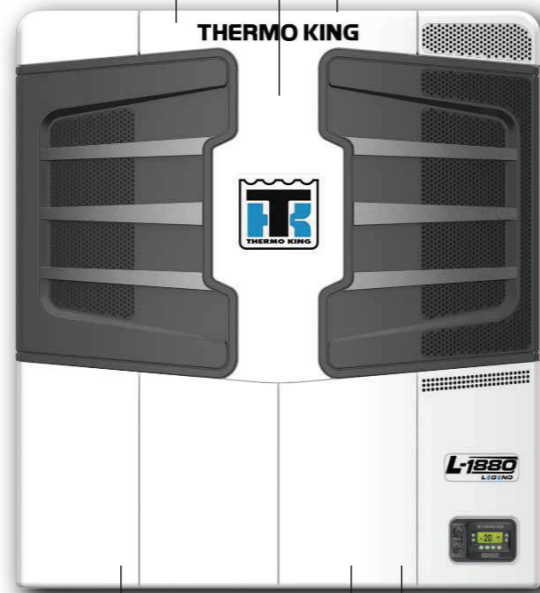
Fast pull down and consistent capacity output across all conditions  
Uniform temperature distribution with independent airflow even at low engine speed  
Monitor engine load for optimal performance in harshest of environments

## POWERFUL OFFERING

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

## 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



## LOWER MAINTENANCE COST

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

## 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

## EXCEPTIONAL EFFICIENCY

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

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
<b>HEATING CAPACITY: BOX TEMPERATURE 2 °C, AMBIENT TEMPERATURE -18 °C</b>				
Engine Power (W)	13,000			
<b>AIRFLOW: ON HIGH SPEED ENGINE OPERATION</b>				
Airflow volume @ 0 Pa static pressure (m <sup>3</sup> /h)	5,800			
<b>WEIGHT: INCLUDES BATTERY</b>				
Model 30 (kg)	778			
Model 50 (kg)	838			
<b>ENGINE: LOW EMISSIONS, 4-CYCLINDER, LIQUID COOLED</b>				
Model	TK486VEGB4			
Rating (kW)	18.4			
Maintenance interval (hr)	3,000			
<b>COMPRESSOR: LIGHTWEIGHT ALUMINIUM ALLOY</b>				
Model	X430 P			
Displacement (CC)	492			
<b>ELECTRIC STAND-BY OPTION</b>				
Voltage / Phase / Frequency (V/Ph/Hz)	400V 3Ph 50hz			
Rating (kW)	9.3			
<b>REFRIGERANT: R-452A ZERO OZONE DEPLETION POTENTIAL (ODP), INTERNATIONALLY APPROVED (R-404A OPTIONAL)</b>				
Charge (kg)	5.7			
<b>Dimensions</b>				
W*H*D (mm)	2279*2076*440			
<b>Controller</b>				
Type	ARCHON-T			

## DIMENSIONS



2279 mm

440 mm

2076 mm