



T-1090 SPECTRUM SPECIFICATIONS

T-90 SERIES... EXPECT MORE.

Since 1938, Thermo King's priority has been to develop innovative products that meet and exceed the ever changing needs of our customers.

The development of the T-90 Series of transport refrigeration units for straight trucks continues the legacy of customer-focused innovation. Taking our self-powered truck refrigeration models to a new level, the next-generation T-90 Series offers the right solutions for today's challenges. Whether you're looking for more capacity, trustworthy reliability and performance, fuel efficiency, unprecedented temperature pull-down and recovery, convenient maintenance intervals, or all of the above, the T-90 Series will not let you down. And now with the integration of our ConnectedSuite™ telematics package and the standardization of our premium HMI included, you truly get MORE WITH THERMO KING.



KEY OPTIONS

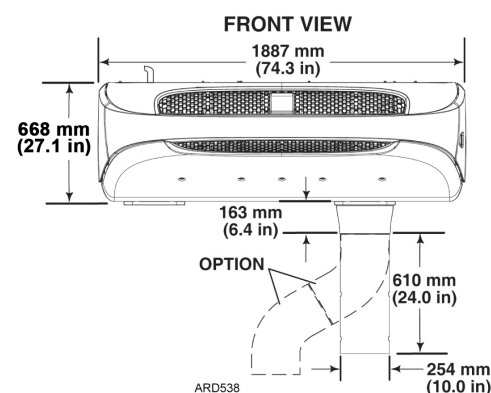
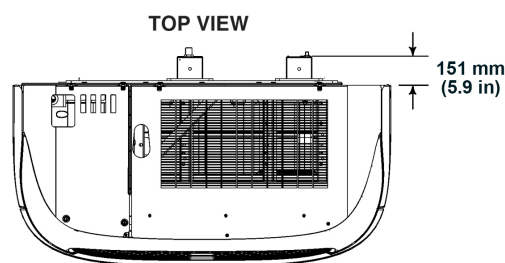
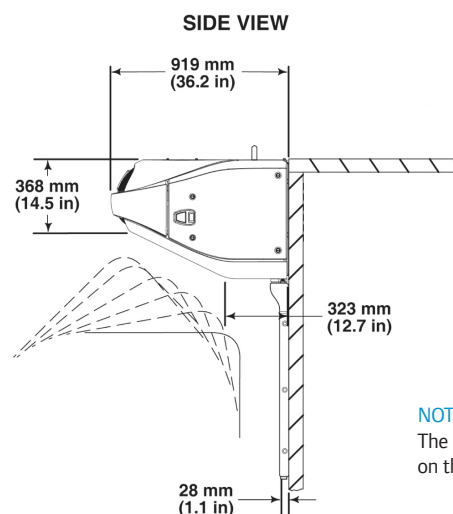
Customize your unit to fit your business needs:

- | | | | |
|--|----------------------------|---------------------------------------|-------------------|
| ■ SmartPower™ Electric Standby (230V and 460V) | ■ Whisper™ Noise Reduction | ■ Solar panels (40W and 110W options) | ■ Arctic Package |
| ■ S2/S3 Remote Evaps | ■ Top Screen | ■ Body Mount HMI | ■ Monitor Package |
| ■ S2/S3 Remote Evaps Guards | ■ Snow Cover | ■ TouchPrint Premium | |
| | ■ Electronic Door Switches | | |

SYSTEM PERFORMANCE

Refrigeration capacity: System net cooling capacity at 100°F ambient temperature and high speed engine/60 Hertz electric power

Return air to evaporator			
	35°F	0°F	-20°F
Engine Power BTU/hr (Up to)	34,000	22,000	13,000
Electric Power BTU/hr (Up to)	28,500	16,500	9,000
Heating capacity (35°F/0°F ambient)			
Engine power (BTU/hr)		19,000	
Electric power (BTU/hr)		13,500	
Airflow: on high speed engine operation			
Airflow volume @ 0 Pa static pressure		N/A	
Weight (Condensing Unit):			
Standard: cooling/heating on engine operation		883 lbs	
With SmartPower electric standby: cooling/heating on engine/electric standby		992 lbs	
Engine: 3 cylinder, liquid cooled			
Model		TK 380	
Rating		19.3 hp	
Maintenance Interval		2000 hrs	
Compressor: lightweight aluminum alloy			
Model		X-430	
Displacement		30 cu. in.	
Electric standby motor (option1)			
Voltage / phase / cycles		200 - 230 / 3 / 60	
Rating		12 hp	
Electric standby motor (option2)			
Voltage / phase / cycles		460 / 3 / 60	
Rating		12 hp	
Refrigerants: R-404A zero Ozone Depletion Potential (ODP), internationally approved			
Charge		N/A	



NOTE: The top of the unit to be mounted flush with the top of the cargo box when possible. The dimension from the top of the cargo box to the evaporator cutout will vary depending on the type of box, truck cab tilt clearance, etc.