



T-890 & T-890 MAX 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
- Top Screen
- Snow Cover
- Solar panels (40W and 110W options)
- Electronic Door Switches
- Body Mount HMI
- TouchPrint Premium
- PTC - Precision Temp Control
- Arctic Package
- Monitor Package
- Premium Package

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	T-890			T-890 MAX		
	35°F	0°F	-20°F	35°F	0°F	-20°F
Engine power BTU/hr (Up to)	25,000	17,000	11,000	27,000	18,000	11,500
Electric power BTU/hr (Up to)	21,000	12,500	8,000	22,500	13,500	8,500
Heating capacity (35°F/0°F ambient)						
Engine power (BTU/hr)	10,500			14,000		
Electric power (BTU/hr)	10,500			10,500		
Airflow: on high speed engine operation						
Airflow volume @ 0 Pa static pressure	1,700 ft ³ /min			1,700 ft ³ /min		
Weight (Condensing Unit):						
Standard: cooling/heating on engine operation	990 lbs			1,027 lbs		
With SmartPower electric standby: cooling/heating on engine/electric standby	1,099 lbs			1,136 lbs		
Engine: 3 cylinder, liquid cooled						
Model	TK 374			TK 374		
Rating	14.6 hp			14.6 hp		
Maintenance Interval	2000 hrs			2000 hrs		
Compressor: lightweight aluminum alloy						
Model	X-430			X-430		
Displacement	30 cu. in.			30 cu. in.		
Electric standby motor (option1)						
Voltage / phase / cycles	200 - 230 / 3 / 60			200 - 230 / 3 / 60		
Rating	9 hp			9 hp		
Electric standby motor (option2)						
Voltage / phase / cycles	460 / 3 / 60			460 / 3 / 60		
Rating	9 hp			9 hp		
Refrigerants: R-404A zero Ozone Depletion Potential (ODP), internationally approved						
Charge	6.3 lbs			7.5 lbs		

