THERMO KING

T-800R SPECTRUM

T-Series Spectrum: Solutions for multi-temp distribution

With a tireless focus on reducing noise and emissions while maximizing performance, the new range of T-Series Spectrum units are designed to meet the grueling demands of Multi temperature distribution.

We also understand that all distribution operations are not the same. That is why all T-Series Spectrum units are available with a choice of two or three blower remote vaporators that can be used in a number of configurations. With the ability to support up to three zones in both compartment and lane applications, we have a solution to match your unique needs. Your Thermo King representative can assist you in selecting the right unit for your operations.

Dimensions	Unit	Condenser
Height	617 mm	617 mm
Width	1887 mm	1887 mm
Depth	919 mm	919 mm

Specifications

Compressor	
Model	X214

Refrigerant Charge	
Charge	R-404A = 4.0; R-452A = 6.0 kg

Refrigeration Capacity

System net cooling capacity under A.T.P. conditions at 30 °C ambient

Capacity on engine power 0°C	8000 W
Capacity on engine power -20°C	3850 W
Capacity on electrical stand by 0°C	6200 W
Capacity on electrical stand by -20°C	2800 W

Generic (Boxlength, Refrigerant, ...)	
Boxlength	6.5 - 7.5 m
Refrigerant	R-404A/R-452A
Airflow	S-2 = 1320, S-3 = 1980 m3/hr
Controller	Truck Smart Reefer 3

Airflow

on high speed engine operation

Airflow volume @ 0 pa static pressure	S-2 = 1320, S-3 = 1980 m3/hr
Discharge velocity - airthrow	9.5 m/sec

Weight

including battery

Model 30	357 kg
Model 50	389 kg

Engine	
Model	TK 370
Rating	11.2 kW
Maintenance Interval	2000 hrs
no. of cylinders/displacement	TK 370 / 3 / 855 cm3

Electrical Stand by Motor

Voltage / Phase / Frequency	400 / 3 / 50 -- 230 / 3 / 50 -- 230 / 3 / 60
Rating	4.5 kW

Features and Options

Life cost management

ThermoKare Service contracts	■
Cycle-Sentry start/stop control system	●
EMI 2000 extended maintenance	●
Fuel level sensor	□ ■
Thermo King high performance battery	●
Thermo King Energy battery	□
Premium AGM battery	□
2-year warranty coverage	●

Data capture & communications

TouchPrint data capture	■
TouchPrint Printer	■
ServiceWatch maintenance logger	□
DAS (Data Acquisition System)	□
TracKing? (tracking and load monitoring)	■
Wintrac (data analysis software)	■

Load Protection

TSR-3 standard in-cab display	●
Heater Bar Kit	□ ■
Auto phase correction	●
SafeGuard battery protection kit	□ ■
Door switches	□ ■
Diesel/electric auto switching	●

Customization

Whisper kit acoustic	□
TSR-3 premium in-cab display	□
TSR-3 rear remote control	□
Electronic Fuel Capture	■
Hose management kit	□
Solar Panel	■
Evaporator guard	■
Body mount enclosure	■
90L fuel tank	□ ■
Drain Kit for Transverse Remote Evap	■
Triple Combo Display	■

○ Not Available   ● Standard Feature

□ Option: Factory Supplied   ■ Option: Dealer Supplied