THERMO KING

V-200 MAX Spectrum
Superior temperature control

The V-200 MAX Spectrum is the smallest unit in the V-Series Spectrum platform, created for vans or trucks up to 12 m3. It is available with an ES100+ES100 configuration, the smallest evaporators in the range in order to properly address the size limitation of the smallest vans in the market.

· Complete multi-temp range
· More flexible system for fresh, frozen and deep frozen applications
· Transversal and longitudinal compartments
· Temperature accuracy
· Superior performance
· Ease of installation

Dimensions	Unit
Height	221 mm
Width	1180 mm
Depth	535 mm

Specifications

Refrigeration Capacity: Individual Cooling Capacity	
Capacity on engine power ES100 MAX 0°C	2670 W
Capacity on engine power ES100 MAX -20°C	1450 W
Capacity on electrical stand by ES100 MAX 0°C	2195 W
Capacity on electrical stand by ES100 MAX -20°C	1125 W

Compressor	
Model	QP13
Displacement	131 cm3
Number of cylinders	6

Refrigerant Charge	
Charge	1.35 kg

Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power -20°C	1750 W
Capacity on engine power ES100 MAX+ES100 MAX -20°C	1750 W
Capacity on electrical stand by -20°C	1170 W
Capacity on electrical stand by ES100 MAX+ES100 MAX -20°C	1170 W

Generic (Boxlength, Refrigerant, ...)	
Box volume	12 m3
Refrigerant	R-404A/R-452A
Airflow	695 m3/hr
Controller	DSR III

Defrost	
Defrost	Automatic hot gas defrost

Heating Capacity	
On the road	2800 W
Electric Stand By Operation	2050 W

Airflow	
on high speed engine operation	
ES100+ES100	695 m3/hr

Weight	
including battery	
Condenser w/o electric stand-by	25 kg
Condenser with electric stand-by	75 kg
Swash Plate Compressor	6.9 kg
Evaporator ES100 MAX	9 kg

Electrical Stand by Motor	
Voltage / Phase / Frequency	230/1/50 -- 230/1/60 -- 400/3/50 -- 230/3/50 -- 230/3/60
Rating	3.8 kW

Features and Options

Life cost management	
ThermoKare Service contracts	■

Data capture & communications	
USB Datalogger	■
TouchPrint data logger	■
Wintrac (data analysis software)	■
Datalogger Jr	■

Load Protection	
Hose extention 2 m/4 m/6 m	☐
Bumper feet roof mounting	●
HMI holder	●
Kit swivel manifold (upgrade)	●
Din Adapter	☐
Hose Cover	☐
Muffler kit	☐
Snow Cover (kit deflector Small)	☐
Snow Cover (kit deflector Big)	○
Harness Extension 2m/4m/6m	☐
Door switches	☐

○ Not Available ● Standard Feature
☐ Option: Factory Supplied ■ Option: Dealer Supplied