



V-800 MAX

The most powerful vehicle powered range

The V-800 Series from Thermo King comprises two-piece split units designed for fresh, frozen and deep frozen applications on trucks. The road compressor is powered by the vehicle's engine and the electric stand-by compressor is powered by an electric motor. The V-800 Series is equipped with a new swash plate compressor and range of drive kits for ease of installation.

- New swash plate compressor for ease of installation
- Most powerful range in both cooling and heating modes
- User friendly and advanced controller: Direct Smart Reefer
- Environmentally friendly
- Superior performance
- A full range available

Dimensions	Unit	Condenser
Height	458.7 mm	458.7 mm
Width	1592 mm	1592 mm
Depth	523 mm	523 mm

Specifications

Compressor	
Model	QP21
Displacement	215 cm ³
Number of cylinders	10
Refrigerant Charge	
Charge	10/30: 4.7 -- 20/50: 5 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	7790 W
Capacity on engine power -20°C	4160 W
Capacity on electrical stand by 0°C	7030 W
Capacity on electrical stand by -20°C	3795 W
Generic (Boxlength, Refrigerant, ...)	
Box volume	42 - 54 m ³
Refrigerant	R-404A/R-452A
Airflow	2680 m ³ /hr
Controller	DSR III
Defrost	
Defrost	Automatic hot gas defrost
Heating Capacity	
On the road	7030 W
Electric Stand By Operation	6450 W
Weight including battery	
Condenser w/o electric stand-by	100 kg
Condenser with electric stand-by	160 kg
Evaporator	35 kg
Swash Plate Compressor	8.5 kg
Electrical Stand by Motor	
Voltage / Phase / Frequency	400/3/50 -- 400/3/60 -- 230/3/50 -- 230/3/60
Rating	8.2 kW

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Hose extention 2 m/4 m/6 m	<input type="checkbox"/>
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
Snow Cover (kit deflector Big)	<input type="checkbox"/>
Harness Extension 2m/4m/6m	<input type="checkbox"/>
Door switches	<input type="checkbox"/>

Not Available Standard Feature
 Option: Factory Supplied Option: Dealer Supplied