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V-100

Just right temperature control for direct drive trucks and vans.

Key Points:

- Modern compact platform
- New user friendly Direct Smart Reefer
- Increased reliability
- Easy maintenance, service and installation

V-100 Features and Options

Standard Features:

- JetLube™ compressor lubrication
- In-cab controls with digital LED thermometer
- Automatic hot gas defrost
- Electric thermostat

Dealer Options:

- Data Capture and Communications
 - TKDL-PRO
 - TKDL-SPR
 - TKDL-DCS
 - [TrackKing tracking and load monitoring](#)
 - [Wintrac data analysis software](#)
 - Load Protection
 - [Door switches](#)
 - Life Cost Management
 - [Guaranteed Maintenance Contracts \(Total Kare\)](#)

V-100 Specifications

Description:

- The V-100 Series from Thermo King comprises two-piece split units designed for fresh, frozen and deep frozen applications on direct drive trucks and vans. The road compressor is powered by the vehicle's engine.

Models Available:

- [Click For Model Chart](#)

Refrigeration Capacity: European standard - System net cooling capacity at 100 degrees F (38 degrees C) ambient and 2400 compressor rpm.

Degrees C	Road		Air Return On the		Electric stand-by 50 Hz	
	Degrees F	Watts	Btu/hr	Watts	Btu/hr	
0	32	1530	5225	985	3365	
-20	-4	575	1965	300	1025	

Refrigerant:

- HFC R-134a
- 1.0 kg

Defrost:

- Automatic hot gas defrost

Compressor (Engine Driven):

- Number of cylinders: 6
- Displacement: 82.0 cm³ (5.0 cu in)
- Speed Max recommended: 3,000 rpm
- Jet Lube™ compressor lubrication and cooling systems

Evaporator Blower Performance:

- Airflow volume: 680 m³/h (400 cu. ft/min)

Electric Motors:

- dc voltage options: 12Vdc and 24Vdc
- Total current consumption on the road: 12Vdc - 21A 24Vdc - 11.5A
- Total stand-by current consumption: 230V/1 Phase/50 Hz - 5.5A

System Components:

- Condenser
- Engine driven compressor
- Ultra Slim Evaporator ES100
- Installation kit
- In-cab control box
- Vehicle drive kit (on request)

Weight: (approximate)

	lbs	kg
Condenser	55	25
Slimline Evaporator	20	9
Installation Kit	62	28

Dimensions:

	Height		Width		Depth	
Condenser	7.9 in	200 mm	31.1 in	789 mm	19.7 in	500 mm
Evaporator	7.4 in	187 mm	24 in	608 mm	19.3 in	490 mm
In-cab Controls	1.8 in	46 mm	5.3 in	135 mm	1.0 in	25 mm

Specifications are subject to change without notice.

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