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V-100 MAX

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 MAX Features and Options

Standard Features:

- JetLube™ compressor lubrication
- JetCool™ compressor injection cooling
- 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
 - [Tracking tracking and load monitoring](#)
 - [Wintrac data analysis software](#)
 - Load Protection
 - [Door switches](#)
 - Life Cost Management
 - [Guaranteed Maintenance Contracts \(Total Kare\)](#)

V-100 MAX 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 under ATP conditions including 30 degrees C (86 degrees F) ambient.

Degrees C	Road		Air Return On the		Electric stand-by 50 Hz	
	Degrees F	Watts	Btu/hr	Watts	Btu/hr	
0	32	2055	7020	1410	4815	
-20	-4	960	3280	660	2255	

Heating Capacity:

- Conditions: 5 degrees C internal air temperature, -20 degrees C ambient air temperature
- On the road: 1365 Btu/hr (400 Watts)
- Electric stand-by operation: 400 W (1365 BTU/hr)

Refrigerant:

- HFC R-404A
- 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™ and JetCool™ 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 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
- Module: MH (heating)
- Vehicle drive kit (on request)

Weight: (approximate)	lbs	kg
Condenser Without electric stand-by	55	25
Condenser With electric stand-by	95	43
Slimline Evaporator	20	9
MH Heating Module	13	6
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
MH Heating Module	18.5 in	470 mm	26.8 in	680 mm	5.1 in	130 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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