



### V-100

#### Superior temperature control

The V-100, 200 and 300 series offer the optimal temperature control solution for trucks and vans up to 28m<sup>3</sup>. This complete range share many common components including the Direct Smart Reefer and has many modular options to fulfill the requirements of every customer with the following benefits:

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

Dimensions	Unit	Condenser
Height	242 mm	242 mm
Width	789 mm	789 mm
Depth	500 mm	500 mm

## Specifications

Compressor	
Model	QP08N
Displacement	131 cm <sup>3</sup>
Number of cylinders	6

  

Refrigerant Charge	
Charge	V-100 10: 0.62 -- V-100 20: 1.0 kg

  

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
Capacity on engine power 0°C	1665 W
Capacity on engine power -20°C	680 W
Capacity on electrical stand by 0°C	975 W
Capacity on electrical stand by -20°C	390 W

  

Generic (Boxlength, Refrigerant, ...)	
Box volume	5 - 12 m <sup>3</sup>
Refrigerant	R-134a
Airflow	745 m <sup>3</sup> /hr
Controller	DSR III

  

Defrost	
Defrost	Automatic hot gas defrost

  

Weight including battery	
Slimline Evaporator	9 kg
Installation kit	24 kg
Condenser w/o electric stand-by	25 kg
Condenser with electric stand-by	43 kg
Swash Plate Compressor	6.5 kg

  

Electrical Stand by Motor	
Voltage / Phase / Frequency	230/1/50
Rating	1.6 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 extension 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"/>
Muffler kit	<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"/>

  

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