V-200

Superior temperature control

The V-100, 200 and 300 series offer the optimal temperature control solution for trucks and vans up to 28m3. 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

PERFORMANCE

(Electric) Stand-by Capacity

.

Cooling Capacity stand-by -20°/30°	W	770

Refrigeration Capacity

System net cooling capacity under A.T.P. conditions at 30 °C ambient

Capacity on engine power 0°C	W	2 255
Capacity on engine power -20°C	W	945
Capacity on electrical stand by 0°C	W	1 850
Capacity on electrical stand by -20°C	W	685

Airflow

Independent from unit engine speed

Volume @ 0 Pa static pressure	m^3/hr	1 210

TECHNICAL DATA

Cooling Capacity

@ ambient temperature +37.8°C (100°F)

Cooling Capacity 0°/30°	Watt	1 937

Compressor

Model		QP13
Displacement	cm^3	131
Number of cylinders		6

Generic (Boxlength, Refrigerant, ...)

Box volume	m^3	9 - 18
Refrigerant		R-134a
Airflow	m^3/hr	1 241
Controller		DSR III

Weight

Total Unit Weight (30 Model)		25
Total Unit Weight (50 Model)		75
Model 30	kg	25
Model 50	kg	75
Installation kit	kg	24
Condenser w/o electric stand-by	kg	25
Condenser with electric stand-by	kg	43
Evaporator	kg	15
Swash Plate Compressor	kg	6.9

Defrost

Defrost		Automatic hot gas defrost

Unit Dimensions

Height	mm	222
Width	mm	1 180
Depth	mm	485
Condenser w/o electric stand-by Height	mm	242
Condenser w/o electric stand-by Width	mm	789
Condenser w/o electric stand-by Depth	mm	500
Condenser with electric stand-by Height	mm	221
Condenser with electric stand-by Width	mm	1 180
Condenser with electric stand-by Depth	mm	485

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Evaporator Height	mm	133
Evaporator Width	mm	985
Evaporator Depth	mm	525
In-cab Controls Height	mm	46
In-cab Controls Width	mm	135
In-cab Controls Depth	mm	25

Electrical Stand by Motor		
Voltage / Phase / Frequency		230/1/50 -- 230/1/60 -- 400/3/50 -- 230/3/50 -- 230/3/60
Rating	kW	3.7

Noise		
Road Mode	dB(A)	85

Refrigerant		
Refrigerant Weight		1
Refrigerant Type		R-134a
Charge	kg	10: 1.0 -- 20: 1.2
GWP/kg		1 430
Refrigerant GWP (Total)		1 430

AVAILABLE EVAP CONFIGURATIONS

ES100, ES100N, ES200

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DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	STANDARD FEATURE	OPTION / FACTORY FITTED	OPTION / DEALER FITTED
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 hoses large (upgrade)	×		
Kit swivel manifold (upgrade)	×		
Din Adapter		×	
Hose Cover		×	
Muffler kit		×	
Snow Cover (kit deflector Small)		×	
Harness Extension 2m/4m/6m		×	
Door switches		×	

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