

DIRECT DRIVE TRUCK - SINGLE TEMPERATURE



UNIT Width 789 mm x Depth 500 mm x Height 242 mm
CONDENSER Width 789 mm x Depth 500 mm x Height 242 mm

V-100 MAX

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:

- Superior temperature control
- User friendly Direct Smart Reefer
- Flexibility
- Improved reliability of electrical components
- Ease of maintenance and service
- Ease of installation

PERFORMANCE

REFRIGERATION CAPACITY SYSTEM NET COOLING CAPACITY UNDER A.T.P. CONDITIONS AT 30 °C AMBIENT		AIRFLOW INDEPENDENT FROM UNIT ENGINE SPEED	
Capacity on engine power 0°C	2080 W	Volume @ 0 Pa static pressure	660 m ³ /hr
Capacity on engine power -20°C	1090 W		
Capacity on electrical stand by 0°C	1260 W		
Capacity on electrical stand by -20°C	695 W		
HEATING CAPACITY			
On the road	1900 W		
Electric Stand By Operation	1100 W		

TECHNICAL DATA

COMPRESSOR		GENERIC (BOXLENGTH, REFRIGERANT, ...)	
Model	QP08N	Box volume	8 - 16 m ³
Displacement	82 cm ³	Refrigerant	R-404A
Number of cylinders	6	Airflow	866 m ³ /hr
		Controller	DSR III
WEIGHT		DEFROST	
Installation kit	24 kg	Defrost	Automatic hot gas defrost
Condenser w/o electric stand-by	25 kg		
Condenser with electric stand-by	43 kg		
Evaporator	9 kg		
Swash Plate Compressor	6.5 kg		
UNIT DIMENSIONS		ELECTRICAL STAND BY MOTOR	
Height	242 mm	Voltage / Phase / Frequency	230/1/50
Width	789 mm	Rating	1.6 kW
Depth	500 mm		
Condenser Height	242 mm		
Condenser Width	789 mm		
Condenser Depth	500 mm		
Evaporator Height	187 mm		
Evaporator Width	608 mm		

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Evaporator Depth	490 mm
In-cab Controls Height	46 mm
In-cab Controls Width	135 mm
In-cab Controls Depth	25 mm

NOISE		REFRIGERANT	
Road Mode	84 dB(A)	Charge	10/30: 0.62 -- 20: 0.85 -- 50: 1.2 kg kg

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	STANDARD FEATURE	OPTION / FACTORY FITTED	OPTION / DEALER FITTED
LIFE COST MANAGEMENT			
ThermoKare Service contracts			x
DATA CAPTURE & COMMUNICATIONS			
USB Datalogger			x
TouchPrint data logger			x
Wintrac (data analysis software)			x
Datalogger Jr			x
LOAD PROTECTION			
Hose extention 2 m/4 m/6 m		x	
Bumper feet roof mounting	x		
HMI holder	x		
Kit hoses large (upgrade)	x		
Kit swivel manifold (upgrade)	x		
Din Adapter		x	
Hose Cover		x	
Muffler kit		x	
Snow Cover (kit deflector Small)		x	
Harness Extension 2m/4m/6m		x	
Door switches		x	