

DIRECT DRIVE TRUCK - SINGLE TEMPERATURE



V-300

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

REFRIGERATION CAPACITY		AIRFLOW	
SYSTEM NET COOLING CAPACITY UNDER A.T.P. CONDITIONS AT 30 °C AMBIENT		INDEPENDENT FROM UNIT ENGINE SPEED	
Capacity on engine power 0°C	2965 W	Volume @ 0 Pa static pressure	2033 m ³ /hr
Capacity on engine power -20°C	1260 W		
Capacity on electrical stand by 0°C	2090 W		
Capacity on electrical stand by -20°C	865 W		

TECHNICAL DATA

COMPRESSOR		GENERIC (BOXLENGTH, REFRIGERANT, ...)	
Model	QP15	Box volume	10 - 25 m ³
Displacement	146.7 cm ³	Refrigerant	R-134a
Number of cylinders	6	Airflow	1400 m ³ /hr
		Controller	DSR III

WEIGHT		DEFROST	
Model 30	25 kg	Defrost	Automatic hot gas defrost
Model 50	75 kg		
Installation kit	24 kg		
Condenser w/o electric stand-by	30 kg		
Condenser with electric stand-by	70 kg		
Evaporator	18 kg		
Swash Plate Compressor	6.8 kg		

UNIT DIMENSIONS		ELECTRICAL STAND BY MOTOR	
Height	222 mm	Voltage / Phase / Frequency	230/1/50 -- 230/1/60 -- 400/3/50 -- 230/3/50 -- 230/3/60
Width	1180 mm	Rating	3.7 kW
Depth	485 mm		
Condenser w/o electric stand-by Height	242 mm		
Condenser w/o electric stand-by Width	789 mm		
Condenser w/o electric stand-by Depth	500 mm		
Condenser with electric stand-by Height	221 mm		
Condenser with electric stand-by Width	1180 mm		
Condenser with electric stand-by Depth	485 mm		
Evaporator Height	178 mm		
Evaporator Width	985 mm		
Evaporator Depth	551 mm		
In-cab Controls Height	46 mm		

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In-cab Controls Width	135 mm
In-cab Controls Depth	25 mm

NOISE		REFRIGERANT	
Road Mode	85 dB(A)	Charge	10: 1.1 -- 20: 1.3 kg

AVAILABLE EVAP CONFIGURATIONS

ES300

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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	