

DIRECT DRIVE TRUCK - SINGLE TEMPERATURE



UNIT Width 1180 mm x Depth 485 mm x Height 222 mm

V-300 MAX

Superior temperature control

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

- 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

Capacity on engine power 0°C	3330 W
Capacity on engine power -20°C	1840 W
Capacity on electrical stand by 0°C	2840 W
Capacity on electrical stand by -20°C	1235 W

AIRFLOW

INDEPENDENT FROM UNIT ENGINE SPEED

Volume @ 0 Pa static pressure	1379 m ³ /hr
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HEATING CAPACITY

On the road	3100 W
Electric Stand By Operation	2250 W

TECHNICAL DATA

COMPRESSOR

Model	QP15
Displacement	146.7 cm ³
Number of cylinders	6

GENERIC (BOXLENGTH, REFRIGERANT, ...)

Box volume	17 - 28 m ³
Refrigerant	R-452A
Airflow	1400 m ³ /hr
Controller	DSR III

WEIGHT

Model 30	25 kg
Model 50	75 kg
Installation kit	24 kg
Condenser w/o electric stand-by	25 kg
Condenser with electric stand-by	70 kg
Evaporator	18 kg
Swash Plate Compressor	6.8 kg

DEFROST

Defrost	Automatic hot gas defrost
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UNIT DIMENSIONS

Height	222 mm
Width	1180 mm
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

ELECTRICAL STAND BY MOTOR

Voltage / Phase / Frequency	230/1/50 -- 230/1/60 -- 400/3/50 -- 230/3/50 -- 230/3/60
Rating	3.7 kW

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Evaporator Height	178 mm
Evaporator Width	985 mm
Evaporator Depth	551 mm
In-cab Controls Height	46 mm
In-cab Controls Width	135 mm
In-cab Controls Depth	25 mm

NOISE		REFRIGERANT	
Road Mode	85 dB(A)	Charge	10/30: 1.1 -- 20/50: 1.3 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	