

## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE



**UNIT** Width 1339 mm x Depth 475 mm x Height 448 mm  
**CONDENSER** Width 1339 mm x Depth 475 mm x Height 448 mm

## V-500 MAX

### V-500 Series: taking care of all your needs

The enhanced V-500 Series units from Thermo King - a more efficient range of vehicle-powered temperature control units for 3 metre to 6.5 metre rigid trucks hauling fresh or frozen loads, delivering top performance, reliability and ease-of-use. These units also allow users to increase energy efficiency and sustainability.

- More environmentally friendly
- Superior performance
- Enhanced heating capacity
- Guaranteed reliability
- Spectrum versions available

#### PERFORMANCE

REFRIGERATION CAPACITY SYSTEM NET COOLING CAPACITY UNDER A.T.P. CONDITIONS AT 30 °C AMBIENT		HEATING CAPACITY	
Capacity on engine power 0°C	4890 W	On the road	3600 W
Capacity on engine power -20°C	2630 W	Electric Stand By Operation	3120 W
Capacity on electrical stand by 0°C	4215 W		
Capacity on electrical stand by -20°C	1830 W		

#### TECHNICAL DATA

COMPRESSOR		GENERIC (BOXLENGTH, REFRIGERANT, ...)	
Model	QP16	Box volume	25 - 42 m <sup>3</sup>
Displacement	163 cm <sup>3</sup>	Refrigerant	R-404A/R-452A
Number of cylinders	6	Airflow	2200 m <sup>3</sup> /hr
		Controller	DSR III
WEIGHT		DEFROST	
Condenser w/o electric stand-by	53 kg	Defrost	Automatic hot gas defrost
Condenser with electric stand-by	125 kg		
Evaporator	25.5 kg		
Swash Plate Compressor	7.1 kg		
UNIT DIMENSIONS		ELECTRICAL STAND BY MOTOR	
Height	448 mm	Voltage / Phase / Frequency	400/3/50 -- 380/3/60 -- 230/3/50 -- 230/3/60 -- 230/1/50 -- 230/1/60
Width	1339 mm	Rating	6.4 kW
Depth	475 mm		
Condenser Height	448 mm		
Condenser Width	1339 mm		
Condenser Depth	475 mm		
Evaporator Height	226 mm		
Evaporator Width	1336 mm		
Evaporator Depth	596 mm		
In-cab Controls Height	46 mm		
In-cab Controls Width	135 mm		
In-cab Controls Depth	25 mm		

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**REFRIGERANT**

Charge	10: 2.1 -- 20/30: 2.2 -- 50: 2.3 kg
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	STANDARD FEATURE	OPTION / FACTORY FITTED	OPTION / DEALER FITTED
<b>LIFE COST MANAGEMENT</b>			
ThermoKare Service contracts			x
<b>DATA CAPTURE &amp; COMMUNICATIONS</b>			
USB Datalogger			x
TouchPrint data logger			x
Wintrac (data analysis software)			x
Datalogger Jr			x
<b>LOAD PROTECTION</b>			
Bumper feet roof mounting	x		
HMI holder	x		
Kit hoses large (upgrade)	x		
Kit swivel manifold (upgrade)	x		
Din Adapter		x	
Hose Cover		x	
Door switches		x	