

## 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

### 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

Capacity on engine power 0°C	3915 W
Capacity on engine power -20°C	1655 W
Capacity on electrical stand by 0°C	3160 W
Capacity on electrical stand by -20°C	1090 W

#### TECHNICAL DATA

##### COMPRESSOR

Model	QP16
Displacement	163 cm <sup>3</sup>
Number of cylinders	6

##### REFRIGERANT CHARGE

Charge	10: 2.0 -- 20: 2.2 kg
--------	-----------------------

##### GENERIC (BOXLENGTH, REFRIGERANT, ...)

Box volume	13 - 30 m <sup>3</sup>
Refrigerant	R-134a
Airflow	2200 m <sup>3</sup> /hr
Controller	DSR III

##### DEFROST

Defrost	Automatic hot gas defrost
---------	---------------------------

##### WEIGHT

INCLUDING BATTERY

Condenser w/o electric stand-by	53 kg
Condenser with electric stand-by	125 kg
Evaporator	25.5 kg
Swash Plate Compressor	7.1 kg

##### ELECTRICAL STAND BY MOTOR

Voltage / Phase / Frequency	400/3/50 -- 380/3/60 -- 230/3/50 -- 230/3/60 -- 230/1/50 -- 230/1/60
Rating	6.4 kW

## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	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	