

DIRECT DRIVE TRUCK - SINGLE TEMPERATURE



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

B-100

All-electric temperature control for chilled, frozen and pharma products

- Total load protection with low operating costs
- Direct Smart Reefer technology puts you in control
- Go-anywhere tracking and monitoring
- Rapid and cost-effective service and maintenance
- Easy installation keeps costs to a minimum
- Good Distribution Practice (GDP) qualified

PERFORMANCE			
REFRIGERATION CAPACITY			
SYSTEM NET COOLING CAPACITY UNDER A.T.P. CONDITIONS AT 30 °C AMBIENT			
Capacity on Battery power 0°C	1013 W		
Capacity on Battery power -20°C	312 W		
Capacity on electrical stand by 0°C	981 W		
Capacity on electrical stand by -20°C	302 W		

TECHNICAL DATA			
CONTROLLER		COMPRESSOR	
General	DSR-III	Model	C-206Y
		Displacement	48 cm <sup>3</sup>
		Number of cylinders	2
REFRIGERANT CHARGE		GENERIC (BOXLENGTH, REFRIGERANT, ...)	
Charge	0.85 kg	Refrigerant	R-134a
		Airflow	2080 m <sup>3</sup> /hr
		Controller	DSR III
WEIGHT INCLUDING BATTERY		ELECTRICAL STAND BY MOTOR	
Model 30	47 kg	Voltage / Phase / Frequency	230V/ 1 Phase/ 50 Hz
Model 50	59 kg	Rating	0.750 kW
Evaporator	9 kg		
SOUND PRESSURE LEVEL			
High Speed Diesel	83 dB(A)		



DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	STANDARD FEATURE	OPTION / FACTORY FITTED	OPTION / DEALER FITTED
LIFE COST MANAGEMENT			
ThermoKare Service contracts			x
DATA CAPTURE & COMMUNICATIONS			
TouchPrint data logger			x
TrackKing? (tracking and load monitoring)		x	x
Wintrac (data analysis software)			x
LOAD PROTECTION			
Thermo King GDP PharmaSolutions Package		x	x
Din Adapter		x	
Hose Cover		x	
Snow Cover (kit deflector Small)		x	
Door switches		x	



## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

**C-150**



## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

**C-250**



## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

**C-350**



## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

**C-450**



## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

**C-550**



## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

**C-650**





## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

**C-750**

DIRECT DRIVE TRUCK - SINGLE TEMPERATURE



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

V-100

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		ON HIGH SPEED ENGINE OPERATION	
Capacity on engine power 0°C	1665 W	Airflow volume @ 0 pa static pressure	530 m³/hr
Capacity on engine power -20°C	680 W		
Capacity on electrical stand by 0°C	975 W		
Capacity on electrical stand by -20°C	390 W		

TECHNICAL DATA			
COMPRESSOR		REFRIGERANT CHARGE	
Model	QP08	Charge	V-100 10: 0.62 -- V-100 20: 0.850 Kg kg
Displacement	82 cm³		
Number of cylinders	6		

GENERIC (BOXLENGTH, REFRIGERANT, ...)		DEFROST	
Box volume	5 - 12 m³	Defrost	Automatic hot gas defrost
Refrigerant	R-134a		
Airflow	866 m³/hr		
Controller	DSR III		

WEIGHT INCLUDING BATTERY		ELECTRICAL STAND BY MOTOR	
Slimline Evaporator	9 kg	Voltage / Phase / Frequency	230/1/50
Installation kit	24 kg	Rating	1.6 kW
Condenser w/o electric stand-by	25 kg		
Condenser with electric stand-by	43 kg		
Swash Plate Compressor	6.5 kg		

SOUND PRESSURE LEVEL	
High Speed Diesel	84 dB(A)



DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	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	

## 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 28m<sup>3</sup>. 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

Capacity on engine power 0°C	2080 W
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

##### AIRFLOW

ON HIGH SPEED ENGINE OPERATION

Airflow volume @ 0 pa static pressure	660 m <sup>3</sup> /hr
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#### TECHNICAL DATA

##### COMPRESSOR

Model	QP08N
Displacement	82 cm <sup>3</sup>
Number of cylinders	6

##### REFRIGERANT CHARGE

Charge	10/30: 0.62 -- 20: 0.85 -- 50: 1.2 kg kg
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##### GENERIC (BOXLENGTH, REFRIGERANT, ...)

Box volume	8 - 16 m <sup>3</sup>
Refrigerant	R-404A
Airflow	866 m <sup>3</sup> /hr
Controller	DSR III

##### DEFROST

Defrost	Automatic hot gas defrost
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##### WEIGHT

INCLUDING BATTERY

Installation kit	24 kg
Condenser w/o electric stand-by	25 kg
Condenser with electric stand-by	43 kg
Evaporator	9 kg
Swash Plate Compressor	6.5 kg

##### ELECTRICAL STAND BY MOTOR

Voltage / Phase / Frequency	230/1/50
Rating	1.6 kW

##### SOUND PRESSURE LEVEL

High Speed Diesel	84 dB(A)
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DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	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	

## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE



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

## V-200

### Superior temperature control

The V-100, 200 and 300 series offer the optimal temperature control solution for trucks and vans up to 28m<sup>3</sup>. 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

SYSTEM NET COOLING CAPACITY UNDER A.T.P. CONDITIONS AT 30 °C AMBIENT

Capacity on engine power 0°C	2255 W
Capacity on engine power -20°C	945 W
Capacity on electrical stand by 0°C	1850 W
Capacity on electrical stand by -20°C	685 W

##### AIRFLOW

ON HIGH SPEED ENGINE OPERATION

Airflow volume @ 0 pa static pressure	1210 m <sup>3</sup> /hr
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#### TECHNICAL DATA

##### COMPRESSOR

Model	QP13
Displacement	131 cm <sup>3</sup>
Number of cylinders	6

##### REFRIGERANT CHARGE

Charge	10: 1.0 -- 20: 1.2 kg
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##### GENERIC (BOXLENGTH, REFRIGERANT, ...)

Box volume	9 - 18 m <sup>3</sup>
Refrigerant	R-134a
Airflow	1241 m <sup>3</sup> /hr
Controller	DSR III

##### DEFROST

Defrost	Automatic hot gas defrost
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##### WEIGHT

INCLUDING BATTERY

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	43 kg
Evaporator	15 kg
Swash Plate Compressor	6.9 kg

##### 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

##### SOUND PRESSURE LEVEL

High Speed Diesel	85 dB(A)
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DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	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	

## 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-200s MAX

## Superior temperature control

The V-100, 200 and 300 series offer the optimal temperature control solution for trucks and vans up to 28m<sup>3</sup>. 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

Capacity on engine power 0°C	2410 W
Capacity on engine power -20°C	1180 W
Capacity on electrical stand by 0°C	1500 W
Capacity on electrical stand by -20°C	650 W

##### HEATING CAPACITY

On the road	2200 W
Electric Stand By Operation	1300 W

##### AIRFLOW

ON HIGH SPEED ENGINE OPERATION

Airflow volume @ 0 pa static pressure	1001 m <sup>3</sup> /hr
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#### TECHNICAL DATA

##### COMPRESSOR

Model	QP08
Displacement	131 cm <sup>3</sup>
Number of cylinders	6

##### REFRIGERANT CHARGE

Charge	1.2 kg
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##### GENERIC (BOXLENGTH, REFRIGERANT, ...)

Box volume	10 - 19 m <sup>3</sup>
Refrigerant	R-452A
Airflow	1000 m <sup>3</sup> /hr
Controller	DSR III

##### DEFROST

Defrost	Automatic hot gas defrost
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##### WEIGHT

INCLUDING BATTERY

Installation kit	24 kg
Condenser w/o electric stand-by	25 kg
Condenser with electric stand-by	43 kg
Evaporator	14 kg

##### ENGINE

Rating	1.6 kW
no. of cylinders/displacement	6/82 cm <sup>3</sup>

##### SOUND PRESSURE LEVEL

High Speed Diesel	84 dB(A)
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DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	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			
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	
Door switches		x	

DIRECT DRIVE TRUCK - SINGLE TEMPERATURE



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

V-200 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		HEATING CAPACITY	
SYSTEM NET COOLING CAPACITY UNDER A.T.P. CONDITIONS AT 30 °C AMBIENT			
Capacity on engine power 0°C	2770 W	On the road	2800 W
Capacity on engine power -20°C	1460 W	Electric Stand By Operation	2050 W
Capacity on electrical stand by 0°C	1970 W		
Capacity on electrical stand by -20°C	1130 W		
AIRFLOW			
ON HIGH SPEED ENGINE OPERATION			
Airflow volume @ 0 pa static pressure	1241 m³/hr		

TECHNICAL DATA			
COMPRESSOR		REFRIGERANT CHARGE	
Model	QP13	Charge	10/30: 1.0 -- 20/50: 1.2 kg kg
Displacement	131 cm³		
Number of cylinders	6		
GENERIC (BOXLENGTH, REFRIGERANT, ...)		DEFROST	
Box volume	13 - 22 m³	Defrost	Automatic hot gas defrost
Refrigerant	R-404A/R-452A		
Airflow	1100 m³/hr		
Controller	DSR III		
WEIGHT INCLUDING BATTERY		ELECTRICAL STAND BY MOTOR	
Model 30	25 kg	Voltage / Phase / Frequency	230/1/50 -- 230/1/60 -- 400/3/50 -- 230/3/50 -- 230/3/60
Model 50	75 kg		
Installation kit	24 kg	Rating	
Condenser w/o electric stand-by	25 kg		
Condenser with electric stand-by	43 kg		
Evaporator	15 kg		
Swash Plate Compressor	6.9 kg		
SOUND PRESSURE LEVEL			
High Speed Diesel	85 dB(A)		



DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	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	

## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE



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

## V-300

### Superior Temperature Control

The V-100, 200 and 300 series offer the optimal temperature control solution for trucks and vans up to 28m<sup>3</sup>. 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

SYSTEM NET COOLING CAPACITY UNDER A.T.P. CONDITIONS AT 30 °C AMBIENT

Capacity on engine power 0°C	2965 W
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

##### AIRFLOW

ON HIGH SPEED ENGINE OPERATION

Airflow volume @ 0 pa static pressure	2033 m <sup>3</sup> /hr
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#### TECHNICAL DATA

##### COMPRESSOR

Model	QP15
Displacement	146.7 cm <sup>3</sup>
Number of cylinders	6

##### REFRIGERANT CHARGE

Charge	10: 1.1 -- 20: 1.3 kg
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##### GENERIC (BOXLENGTH, REFRIGERANT, ...)

Box volume	10 - 25 m <sup>3</sup>
Refrigerant	R-134a
Airflow	1400 m <sup>3</sup> /hr
Controller	DSR III

##### DEFROST

Defrost	Automatic hot gas defrost
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##### WEIGHT

INCLUDING BATTERY

Model 30	25 kg
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

##### 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

##### SOUND PRESSURE LEVEL

High Speed Diesel	85 dB(A)
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DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	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	

## 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

##### HEATING CAPACITY

On the road	3100 W
Electric Stand By Operation	2250 W

##### AIRFLOW

ON HIGH SPEED ENGINE OPERATION

Airflow volume @ 0 pa static pressure	1379 m <sup>3</sup> /hr
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#### TECHNICAL DATA

##### COMPRESSOR

Model	QP15
Displacement	146.7 cm <sup>3</sup>
Number of cylinders	6

##### REFRIGERANT CHARGE

Charge	10/30: 1.1 -- 20/50: 1.3 kg
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##### GENERIC (BOXLENGTH, REFRIGERANT, ...)

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

##### DEFROST

Defrost	Automatic hot gas defrost
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##### WEIGHT

INCLUDING BATTERY

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

##### 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

##### SOUND PRESSURE LEVEL

High Speed Diesel	85 dB(A)
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DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	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	



## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

**V-400X**





DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

**V-400X MAX**

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		REFRIGERANT CHARGE	
Model	QP16	Charge	10: 2.0 -- 20: 2.2 kg
Displacement	163 cm³		
Number of cylinders	6		

GENERIC (BOXLENGTH, REFRIGERANT, ...)		DEFROST	
Box volume	13 - 30 m³	Defrost	Automatic hot gas defrost
Refrigerant	R-134a		
Airflow	2200 m³/hr		
Controller	DSR III		

WEIGHT INCLUDING BATTERY		ELECTRICAL STAND BY MOTOR	
Condenser w/o electric stand-by	53 kg	Voltage / Phase / Frequency	400/3/50 -- 380/3/60 -- 230/3/50 -- 230/3/60 -- 230/1/50 --230/1/60
Condenser with electric stand-by	125 kg		
Evaporator	25.5 kg	Rating	6.4 kW
Swash Plate Compressor	7.1 kg		



DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	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			
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	



DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

V-500X



DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

**V-500X MAX**

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		HEATING CAPACITY	
SYSTEM NET COOLING CAPACITY UNDER A.T.P. CONDITIONS AT 30 °C AMBIENT			
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		REFRIGERANT CHARGE	
Model	QP16	Charge	10: 2.1 -- 20/30: 2.2 -- 50: 2.3 kg
Displacement	163 cm³		
Number of cylinders	6		

GENERIC (BOXLENGTH, REFRIGERANT, ...)		DEFROST	
Box volume	25 - 42 m³	Defrost	Automatic hot gas defrost
Refrigerant	R-404A/R-452A		
Airflow	2200 m³/hr		
Controller	DSR III		

WEIGHT INCLUDING BATTERY		ELECTRICAL STAND BY MOTOR	
Condenser w/o electric stand-by	53 kg	Voltage / Phase / Frequency	400/3/50 -- 380/3/60 -- 230/3/50 -- 230/3/60 -- 230/1/50 -- 230/1/60
Condenser with electric stand-by	125 kg		
Evaporator	25.5 kg	Rating	6.4 kW
Swash Plate Compressor	7.1 kg		



DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	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			
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	

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-600

V-600 Series: taking care of all your needs

The enhanced V-600 Series units from Thermo King are 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.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		HEATING CAPACITY	
SYSTEM NET COOLING CAPACITY UNDER A.T.P. CONDITIONS AT 30 °C AMBIENT			
Capacity on engine power 0°C	5910 W	On the road	4000 W
Capacity on engine power -20°C	3280 W	Electric Stand By Operation	3200 W
Capacity on electrical stand by 0°C	4970 W		
Capacity on electrical stand by -20°C	2550 W		

TECHNICAL DATA			
COMPRESSOR		REFRIGERANT CHARGE	
Model	TM16	Charge	2.3 Kg kg
Displacement	163 cm³		
Number of cylinders	6		

GENERIC (BOXLENGTH, REFRIGERANT, ...)		DEFROST	
Box volume	30 - 48 m³	Defrost	Automatic hot gas defrost
Refrigerant	R-404A/R-452A		
Airflow	2580 m³/hr		
Controller	DSR III		
Weight Electric Control Module	125 kg		

WEIGHT INCLUDING BATTERY		ELECTRICAL STAND BY MOTOR	
Condenser w/o electric stand-by	53 kg	Voltage / Phase / Frequency	400 V /3 ph/ 50 Hz, 380 V/ 3 ph/ 60 Hz, 230 V/ 3 ph/ 50 Hz, 230 V/ 3 ph/ 60 Hz, 230 V/ 1 ph/ 50 Hz, 230 V/ 1 ph/ 60 Hz
Condenser with electric stand-by	125 kg		
Evaporator ES600 MAX	28 kg	Rating	6.4 kW





DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	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			
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	



DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

**V-600X MAX**

## 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-600 MAX

## Enhanced product positioning to address non-diesel trend

The V-600 MAX Series from Thermo King comprises two-piece split units designed for fresh, frozen and deep frozen applications on trucks. The V-600 MAX Series range delivers increased performance more efficiently. A more efficient evaporator and an all-aluminium condenser coil - also used in the V-500 MAX Series - bring significant life cycle benefits and create less environmental impact. The V-600 MAX Series is equipped with the TM16 swash plate compressor for ease of installation and drive kit availability.

- Increased performance both on the road and in stand-by operation
- Swash plate compressor for ease of installation
- User friendly and advanced Direct Smart Reefer controller
- More environmentally friendly
- Superior performance
- A full range available

#### PERFORMANCE

##### REFRIGERATION CAPACITY

SYSTEM NET COOLING CAPACITY UNDER A.T.P. CONDITIONS AT 30 °C AMBIENT

Capacity on engine power 0°C	5910 W
Capacity on engine power -20°C	3280 W
Capacity on electrical stand by 0°C	4970 W
Capacity on electrical stand by -20°C	2550 W

##### HEATING CAPACITY

On the road	4000 W
Electric Stand By Operation	3200 W

#### TECHNICAL DATA

##### COMPRESSOR

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

##### REFRIGERANT CHARGE

Charge	10: 2.2 -- 20/30: 2.3 -- 50: 2.4 kg
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##### GENERIC (BOXLENGTH, REFRIGERANT, ...)

Box volume	30 - 48 m <sup>3</sup>
Refrigerant	R-404A/R-452A
Airflow	2580 m <sup>3</sup> /hr
Controller	DSR III

##### DEFROST

Defrost	Automatic hot gas defrost
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##### WEIGHT

INCLUDING BATTERY

Condenser w/o electric stand-by	53 kg
Condenser with electric stand-by	125 kg
Evaporator ES600 MAX	28 kg
Swash Plate Compressor	7.1 kg

##### ELECTRICAL STAND BY MOTOR

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



DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	STANDARD FEATURE	OPTION / FACTORY FITTED	OPTION / DEALER FITTED
LIFE COST MANAGEMENT			
ThermoKare Service contracts			x
DATA CAPTURE & COMMUNICATIONS			
USB Datalogger			x
TKDL Datalogger			x
Wintrac (data analysis software)			x
Datalogger Jr			x
LOAD PROTECTION			
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	