



DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

V-400X



DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

V-400X MAX



DIRECT DRIVE TRUCK - MULTI TEMPERATURE

V-400X MAX SPECTRUM



DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

V-500X



DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

V-500X MAX



DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

V-600X MAX



DIRECT DRIVE TRUCK - MULTI TEMPERATURE

V-600X MAX SPECTRUM

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 cm³
		Number of cylinders	2
REFRIGERANT CHARGE		GENERIC (BOXLENGTH, REFRIGERANT, ...)	
Charge	0.85 kg	Refrigerant	R-134a
		Airflow	2080 m³/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 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

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 ³ /hr
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TECHNICAL DATA

COMPRESSOR

Model	QP08N
Displacement	82 cm ³
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 ³
Refrigerant	R-404A
Airflow	866 m ³ /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 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

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 ³ /hr
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TECHNICAL DATA

COMPRESSOR

Model	QP13
Displacement	131 cm ³
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 ³
Refrigerant	R-134a
Airflow	1241 m ³ /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 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

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 ³ /hr
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TECHNICAL DATA

COMPRESSOR

Model	QP08
Displacement	131 cm ³
Number of cylinders	6

REFRIGERANT CHARGE

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

Box volume	10 - 19 m ³
Refrigerant	R-452A
Airflow	1000 m ³ /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 ³

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	3.7 kW
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 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

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 ³ /hr
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TECHNICAL DATA

COMPRESSOR

Model	QP15
Displacement	146.7 cm ³
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 ³
Refrigerant	R-134a
Airflow	1400 m ³ /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		HEATING CAPACITY	
SYSTEM NET COOLING CAPACITY UNDER A.T.P. CONDITIONS AT 30 °C AMBIENT			
Capacity on engine power 0°C	3330 W	On the road	3100 W
Capacity on engine power -20°C	1840 W	Electric Stand By Operation	2250 W
Capacity on electrical stand by 0°C	2840 W		
Capacity on electrical stand by -20°C	1235 W		
AIRFLOW			
ON HIGH SPEED ENGINE OPERATION			
Airflow volume @ 0 pa static pressure	1379 m³/hr		

TECHNICAL DATA			
COMPRESSOR		REFRIGERANT CHARGE	
Model	QP15	Charge	10/30: 1.1 -- 20/50: 1.3 kg
Displacement	146.7 cm³		
Number of cylinders	6		
GENERIC (BOXLENGTH, REFRIGERANT, ...)		DEFROST	
Box volume	17 - 28 m³	Defrost	Automatic hot gas defrost
Refrigerant	R-452A		
Airflow	1400 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	3.7 kW
Condenser w/o electric stand-by	25 kg		
Condenser with electric stand-by	70 kg		
Evaporator	18 kg		
Swash Plate Compressor	6.8 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

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 ³
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 ³
Refrigerant	R-404A/R-452A
Airflow	2580 m ³ /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 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	

DIRECT DRIVE TRUCK - SINGLE TEMPERATURE



CONDENSER Width 1180 mm x Depth 535 mm x Height 221 mm

E-200

Charge into the era of all-electric transport refrigeration

- Compliant with sound regulations for urban access
- An extra smart charger to manage different power sources (including the additional battery pack)
- A variable speed compressor for precise temperature control, decreased energy consumption, and enhanced reliability
- A tailor-made inverter for constant capacity and exceptional operating efficiency, independent of the vehicle
- A stand out controller with power management intelligence to optimize the supply and demand of power
- Embedded telematics to track and monitor the condition of each unit in your transport fleet

PERFORMANCE

REFRIGERATION CAPACITY: INDIVIDUAL COOLING CAPACITY		AIRFLOW ON HIGH SPEED ENGINE OPERATION	
Capacity on engine power ES150 0°C	1507 W	ES150	800 m ³ /hr
Capacity on engine power ES200 0°C	1414 W	ES200	1012 m ³ /hr
Capacity on electrical stand by ES150 0°C	1511 W		
Capacity on electrical stand by ES200 0°C	1413 W		

TECHNICAL DATA

CONSUMPTION		REFRIGERANT CHARGE	
ES 150 - Max Power	1958 W / 114 A Capacity (W) /Current (A)	Charge	1.31 kg
ES 200 - Max Power	1744 W / 120 A Capacity (W) /Current (A)		
ES 100N x ES100N	1578 W / 120 A Capacity (W) /Current (A)		
ES 150 - Min Power	1259 W / 71 A Capacity (W) /Current (A)		
ES 200 - Min Power	1121 W / 75 A Capacity (W) /Current (A)		
ES 100N x ES100N - Min Power	1014 W / 75 A Capacity (W) /Current (A)		

GENERIC (BOXLENGTH, REFRIGERANT, ...)		DEFROST	
Refrigerant	R-134a	Defrost	Automatic hot gas defrost
Controller	DSR-IV		

WEIGHT INCLUDING BATTERY		ELECTRICAL STAND BY MOTOR	
Condenser	54 kg	Voltage / Phase / Frequency	1 ph / 230V / 50Hz, 1 ph / 230V / 60Hz, 1 ph / 115V / 60Hz
Evaporator ES150 MAX	14 kg		
Evaporator ES200 MAX	15 kg		

SOUND PRESSURE LEVEL	
High Speed Diesel	88 dB(A)



DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	STANDARD FEATURE	OPTION / FACTORY FITTED	OPTION / DEALER FITTED
LIFE COST MANAGEMENT			
ThermoKare Service contracts			x
2-year warranty coverage	x		
DATA CAPTURE & COMMUNICATIONS			
Tracking (tracking and load monitoring)		x	x
USB Datalogger	x		
LOAD PROTECTION			
Hold-over functionality	x		
Start/Stop and Increased Idle Speed Functionality	x		
Variable Speed Compressor	x		
Tailor Made Inverter	x		
Bumper feet roof mounting	x		
HMI holder	x		
Kit hoses large (upgrade)		x	
Din Adapter		x	
Snow Cover (kit deflector Small)		x	
Harness Extension 2m/4m/6m		x	
Door switches		x	

DIRECT DRIVE TRUCK - SINGLE TEMPERATURE



CONDENSER Width 1180 mm x Depth 535 mm x Height 221 mm

E-200 MAX

Charge into the era of all-electric transport refrigeration

- Compliant with sound regulations for urban access
- An extra smart charger to manage different power sources (including the additional battery pack)
- A variable speed compressor for precise temperature control, decreased energy consumption, and enhanced reliability
- A tailor-made inverter for constant capacity and exceptional operating efficiency, independent of the vehicle
- A stand out controller with power management intelligence to optimize the supply and demand of power
- Embedded telematics to track and monitor the condition of each unit in your transport fleet

PERFORMANCE			
REFRIGERATION CAPACITY: INDIVIDUAL COOLING CAPACITY		HEATING CAPACITY	
Capacity on engine power ES150 MAX 0°C	1958 W	Capacity on engine power -18°C	1300 W
Capacity on engine power ES150 MAX -20°C	1071 W	Capacity on Electrical Stand-By power -18°C	1300 W
Capacity on electrical stand by ES150 MAX 0°C	1947 W		
Capacity on electrical stand by ES150 MAX -20°C	1074 W		
Capacity on electrical stand by ES200 MAX 0°C	1780 W		
Capacity on electrical stand by ES200 MAX -20°C	921 W		
AIRFLOW ON HIGH SPEED ENGINE OPERATION			
ES150	800 m³/hr		
ES200	1012 m³/hr		

TECHNICAL DATA			
CONSUMPTION		REFRIGERANT CHARGE	
ES 150 - Max Power	1958 W / 114 A Capacity (W) /Current (A)	Charge	1.2 kg
ES 200 - Max Power	1744 W / 120 A Capacity (W) /Current (A)		
ES 150 - Min Power	1259 W / 71 A Capacity (W) /Current (A)		
ES 200 - Min Power	1121 W / 75 A Capacity (W) /Current (A)		
GENERIC (BOXLENGTH, REFRIGERANT, ...)		WEIGHT INCLUDING BATTERY	
Refrigerant	R-452A	Condenser	39 kg
Controller	DSR-IV	Evaporator ES150 MAX	14 kg
		Evaporator ES200 MAX	15 kg
ELECTRICAL STAND BY MOTOR		SOUND PRESSURE LEVEL	
Voltage / Phase / Frequency	1 ph / 230V / 50Hz 1 ph / 230V / 60Hz 1 ph / 115V / 60Hz	High Speed Diesel	88 dB(A)



DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	STANDARD FEATURE	OPTION / FACTORY FITTED	OPTION / DEALER FITTED
LIFE COST MANAGEMENT			
ThermoKare Service contracts			x
2-year warranty coverage	x		
DATA CAPTURE & COMMUNICATIONS			
Tracking (tracking and load monitoring)		x	x
USB Datalogger	x		
LOAD PROTECTION			
Hold-over functionality	x		
Start/Stop and Increased Idle Speed Functionality	x		
Variable Speed Compressor	x		
Tailor Made Inverter	x		
Bumper feet roof mounting	x		
HMI holder	x		
Kit hoses large (upgrade)		x	
Din Adapter		x	
Snow Cover (kit deflector Small)		x	
Harness Extension 2m/4m/6m		x	
Door switches		x	

DIRECT DRIVE TRUCK - MULTI TEMPERATURE



CONDENSER Width 1180 mm x Depth 535 mm x Height 221 mm

E-200 Spectrum

Charge into the era of all-electric transport refrigeration

- Compliant with sound regulations for urban access
- An extra smart charger to manage different power sources (including the additional battery pack)
- A variable speed compressor for precise temperature control, decreased energy consumption, and enhanced reliability
- A tailor-made inverter for constant capacity and exceptional operating efficiency, independent of the vehicle
- A stand out controller with power management intelligence to optimize the supply and demand of power
- Embedded telematics to track and monitor the condition of each unit in your transport fleet

PERFORMANCE

REFRIGERATION CAPACITY

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

Capacity on engine power ES100N MAX+ES100N MAX -20°C	820 W
Capacity on electrical stand by ES100N MAX+ES100N MAX -20°C	825 W

HEATING CAPACITY

Capacity on engine power -18°C	1300 W
Capacity on Electrical Stand-By power -18°C	1300 W

AIRFLOW

ON HIGH SPEED ENGINE OPERATION

ES100N	580 m ³ /hr
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TECHNICAL DATA

CONSUMPTION

ES 100N x ES100N	1578 W / 120 A Capacity (W) /Current (A)
ES 100N x ES100N - Min Power	1014 W / 75 A Capacity (W) /Current (A)

REFRIGERANT CHARGE

Charge	1.59 kg
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GENERIC (BOXLENGTH, REFRIGERANT, ...)

Refrigerant	R-452A
Controller	DSR-IV

WEIGHT

INCLUDING BATTERY

Evaporator 2 x ES100N MAX	18 kg
Condenser	54 kg

ELECTRICAL STAND BY MOTOR

Voltage / Phase / Frequency	1 ph / 230V / 50Hz, 1 ph / 230V / 60Hz, 1 ph / 115V / 60Hz
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DIRECT DRIVE TRUCK - MULTI TEMPERATURE

	STANDARD FEATURE	OPTION / FACTORY FITTED	OPTION / DEALER FITTED
LIFE COST MANAGEMENT			
ThermoKare Service contracts			x
2-year warranty coverage	x		
DATA CAPTURE & COMMUNICATIONS			
Tracking (tracking and load monitoring)		x	x
USB Datalogger	x		
LOAD PROTECTION			
Hold-over functionality	x		
Start/Stop and Increased Idle Speed Functionality	x		
Variable Speed Compressor	x		
Tailor Made Inverter	x		
Bumper feet roof mounting	x		
HMI holder	x		
Kit hoses large (upgrade)		x	
Din Adapter		x	
Snow Cover (kit deflector Small)		x	
Harness Extension 2m/4m/6m		x	
Door switches		x	



DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

E-500e MAX



The Electric Edge In Urban
And Inner-City Delivery

The E-500e embodies the design philosophy of the E-series. Highly energy efficient, lightweight and adaptable to your needs, it is the solution to all your inner-city delivery challenges, and brings powerful electric cooling to the city center!

TECHNICAL DATA			
GENERIC (BOXLENGTH, REFRIGERANT, ...)		WEIGHT INCLUDING BATTERY	
Heating Capacity Electric	2210	Condenser	89.5 kg
SOUND PRESSURE LEVEL			
High Speed Diesel	88 dB(A)		



DIRECT DRIVE TRUCK - MULTI TEMPERATURE

V-400X MAX SPECTRUM



DIRECT DRIVE TRUCK - MULTI TEMPERATURE

V-600X MAX SPECTRUM

DIRECT DRIVE TRUCK - MULTI TEMPERATURE



UNIT Width 1180 mm x Depth 535 mm x Height 221 mm

V-200 MAX SPECTRUM

Superior temperature control

The V-200 MAX Spectrum is the smallest unit in the V-Series Spectrum platform, created for vans or trucks up to 12 m3. It is available with an ES100+ES100 configuration, the smallest evaporators in the range in order to properly address the size limitation of the smallest vans in the market.

- Complete multi-temp range
- More flexible system for fresh, frozen and deep frozen applications
- Transversal and longitudinal compartments
- Temperature accuracy
- Superior performance
- Ease of installation

PERFORMANCE			
REFRIGERATION CAPACITY: INDIVIDUAL COOLING CAPACITY		REFRIGERATION CAPACITY SYSTEM NET COOLING CAPACITY UNDER A.T.P. CONDITIONS AT 30 °C AMBIENT	
Capacity on electrical stand by ES100 MAX 0°C	2195 W	Capacity on engine power -20°C	1750 W
Capacity on electrical stand by ES100 MAX -20°C	1125 W	Capacity on electrical stand by -20°C	1170 W
		Capacity on electrical stand by ES100 MAX+ES100 MAX -20°C	1170 W
HEATING CAPACITY		AIRFLOW ON HIGH SPEED ENGINE OPERATION	
On the road	2800 W	Airflow volume @ 0 pa static pressure	1172 m³/hr
Electric Stand By Operation	2050 W	ES100+ES100	695 m³/hr

TECHNICAL DATA			
COMPRESSOR		REFRIGERANT CHARGE	
Model	QP13	Charge	1.35 kg
Displacement	131 cm³		
Number of cylinders	6		
GENERIC (BOXLENGTH, REFRIGERANT, ...)		DEFROST	
Box volume	12 m³	Defrost	Automatic hot gas defrost
Refrigerant	R-452A		
Airflow	695 m³/hr		
Controller	DSR III		
WEIGHT INCLUDING BATTERY		ELECTRICAL STAND BY MOTOR	
Installation kit	24 kg	Voltage / Phase / Frequency	230/1/50 -- 230/1/60 -- 400/3/50 -- 230/3/50 -- 230/3/60
Condenser w/o electric stand-by	25 kg		
Condenser with electric stand-by	72 kg	Rating	3.8 kW
Swash Plate Compressor	6.9 kg		
Evaporator ES100 MAX	9 kg		
SOUND PRESSURE LEVEL			
High Speed Diesel	85 dB(A)		



DIRECT DRIVE TRUCK - MULTI 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 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 - MULTI TEMPERATURE



UNIT Width 1180 mm x Depth 535 mm x Height 221 mm

V-300 MAX Spectrum

Superior temperature control

The V300 MAX Spectrum unit is capable of cooling vans and trucks up to 16 m3 and can be configured with three evaporator options (ES150 + ES150, ES200 + ES100, and ES150 + ES100), increasing the flexibility for customers to adapt most efficiently to their transport needs.

- 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: INDIVIDUAL COOLING CAPACITY		REFRIGERATION CAPACITY SYSTEM NET COOLING CAPACITY UNDER A.T.P. CONDITIONS AT 30 °C AMBIENT	
Capacity on engine power ES150 MAX 0°C	2895 W	Capacity on engine power ES150 MAX+ES150 MAX -20°C	2150 W
Capacity on engine power ES150 MAX -20°C	1625 W	Capacity on engine power ES150 MAX+ES100 MAX -20°C	2150 W
Capacity on electrical stand by ES150 MAX 0°C	2340 W	Capacity on engine power ES200 MAX+ES100 MAX -20°C	1870 W
Capacity on electrical stand by ES150 MAX -20°C	1240 W	Capacity on electrical stand by ES150 MAX+ES150 MAX -20°C	1380 W
Capacity on electrical stand by ES100 MAX 0°C	2205 W	Capacity on electrical stand by ES150 MAX+ES100 MAX -20°C	1415 W
Capacity on electrical stand by ES100 MAX -20°C	1145 W	Capacity on electrical stand by ES200 MAX+ES100 MAX -20°C	1315 W
Capacity on electrical stand by ES200 MAX 0°C	2480 W		
Capacity on electrical stand by ES200 MAX -20°C	1180 W		
HEATING CAPACITY		AIRFLOW ON HIGH SPEED ENGINE OPERATION	
On the road	3100 W	ES200+ES100	1210 + 770 m³/hr
Electric Stand By Operation	2250 W	ES150+ES150	2 x 890 m³/hr
		ES150+ES100	890 + 765 m³/hr

TECHNICAL DATA			
COMPRESSOR		REFRIGERANT CHARGE	
Model	QP15	Charge	30: 1.55 -- 50: 1.85 kg
Displacement	146.7 cm³		
Number of cylinders	6		
GENERIC (BOXLENGTH, REFRIGERANT, ...)		HOST UNIT ELECTRIC STANDBY	
Box volume	16 m³	AC Voltage/Phase/Cycles (system voltage)	230/1/50 -- 230/1/60 -- 400/3/50 -- 230/3/50 -- 230/3/60
Refrigerant	R-452A		
Airflow	890 m³/hr		
Controller	DSR III		
DEFROST		WEIGHT INCLUDING BATTERY	
Defrost	Automatic hot gas defrost	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	72 kg
		Evaporator ES150 MAX	12.5 kg



DIRECT DRIVE TRUCK - MULTI TEMPERATURE

Swash Plate Compressor	6.8 kg
Evaporator ES100 MAX	9 kg
Evaporator ES200 MAX	15 kg

ELECTRICAL STAND BY MOTOR		SOUND PRESSURE LEVEL	
Voltage / Phase / Frequency	230/1/50 -- 230/1/60 -- 400/3/50 -- 230/3/50 -- 230/3/60	High Speed Diesel	85 dB(A)
Rating	3.8 kW		



DIRECT DRIVE TRUCK - MULTI 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 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 - MULTI TEMPERATURE



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

V-500 MAX SPECTRUM

Superior temperature control

The V500 Max Spectrum unit is designed for medium-sized trucks (four to five metres in length). Offered in four different evaporator configurations (ES300 + ES300, ES300 + 2 x ES150, ES300 + ES150 and 2 x ES150 + 2 x ES150), it optimizes the amount of goods transported in each journey.

- Complete multi-temp range
- More flexible system for fresh, frozen and deep frozen applications
- Transversal and longitudinal compartments
- Temperature accuracy
- Superior performance
- Ease of installation

PERFORMANCE

REFRIGERATION CAPACITY: INDIVIDUAL COOLING CAPACITY		REFRIGERATION CAPACITY SYSTEM NET COOLING CAPACITY UNDER A.T.P. CONDITIONS AT 30 °C AMBIENT	
Capacity on engine power ES500 MAX 0°C	4630 W	Capacity on engine power -20°C	2290 W
Capacity on engine power ES500 MAX -20°C	2380 W	Capacity on engine power ES300 MAX+ES300 MAX -20°C	2290 W
Capacity on engine power ES150 MAX 0°C	2925 W	Capacity on engine power ES300 MAX+ES150 MAX -20°C	2290 W
Capacity on engine power ES150 MAX -20°C	1410 W	Capacity on engine power ES300 MAX + 2xES150 MAX -20°C	2290 W
Capacity on engine power 2 X ES150 MAX 0°C	3974 W	Capacity on electrical stand by -20°C	1920 W
Capacity on engine power 2 X ES150 MAX -20°C	1970 W	Capacity on electrical stand by ES300 MAX+ES300 MAX -20°C	1920 W
Capacity on electrical stand by ES500 MAX 0°C	4085 W	Capacity on electrical stand by ES300 MAX+ES150 MAX -20°C	1920 W
Capacity on electrical stand by engine power ES500 MAX -20°C	2020 W	Capacity on electrical stand by ES300 MAX + 2xES150 MAX -20°C	1920 W
Capacity on electrical stand by ES150 MAX 0°C	2579 W		
Capacity on electrical stand by ES150 MAX -20°C	1320 W		
Capacity on electrical stand by 2 X ES150 MAX 0°C	3596 W		
Capacity on electrical stand by 2 X ES150 MAX -20°C	1700 W		
Capacity on electrical stand by ES100 MAX 0°C	2410 (ES100n) W		
Capacity on electrical stand by ES100 MAX -20°C	1075 (ES100n) W		
Capacity on electrical stand by ES300 MAX 0°C	3385 W		
Capacity on electrical stand by ES300 MAX -20°C	1670 W		
HEATING CAPACITY		AIRFLOW ON HIGH SPEED ENGINE OPERATION	
On the road	3600 W	ES300 + 2XES150	1185+(2x700) m ³ /hr
Electric Stand By Operation	3120 W	ES300+ES150	1185+700 m ³ /hr
		ES300+ES300	2x1185 m ³ /hr

TECHNICAL DATA

COMPRESSOR		REFRIGERANT CHARGE	
Model	QP16	Charge	model 30 = 2.4 kg and model 50 = 2.5 kg kg
Displacement	163 cm ³		
Number of cylinders	6		
GENERIC (BOXLENGTH, REFRIGERANT, ...)		DEFROST	
Box volume	22 m ³	Defrost	Automatic hot gas defrost
Refrigerant	R-404A/R-452A		
Airflow	1185 m ³ /hr		
Controller	DSR III		



DIRECT DRIVE TRUCK - MULTI TEMPERATURE

WEIGHT INCLUDING BATTERY		ELECTRICAL STAND BY MOTOR	
Condenser w/o electric stand-by	53 kg	Voltage / Phase / Frequency	400/3/50 --230/3/50 -- 230/3/60 -- 230/1/50 -- 230/1/60 --380/3/60
Condenser with electric stand-by	125 kg	Rating	6.4 (400/3/50) kW
Evaporator ES500 MAX	25.5 kg		
Evaporator ES300 MAX	18 kg		
Evaporator ES150 MAX	12.5 kg		
Swash Plate Compressor	7.1 kg		
Evaporator ES100 MAX	8.5 (ES100n) kg		



DIRECT DRIVE TRUCK - MULTI 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 swivel manifold (upgrade)	x		
Din Adapter		x	
Hose Cover		x	
Door switches		x	