

THERMO KING PRODUCT SHEETS

— technical specifications and features & options —



A-360

Specifications

Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	15600 W
Capacity on engine power -20°C	8100 W
Capacity on electrical stand by 0°C	12700 W
Capacity on electrical stand by -20°C	6600 W
Heating Capacity: Box Temperature +2°C	
Capacity on engine power (Outside air temperature: -20°C)	10750 W
Airflow: independent from unit engine speed	
Airflow volume @ 0 Pa static pressure - Default @ Pull Down	5000 m3/hr
Airflow volume @ 0 Pa static pressure - Max @ Pull Down	5500 m3/hr
Airflow volume @ 0 Pa static pressure - Default @ Set Point	3400 m3/hr
Airflow volume @ 0 Pa static pressure - Max @ Set Point	5000 m3/hr
Weight	
including battery	
Model Standard	830 kg
Engine	
Maintenance Interval	3000 hrs
Number of cylinders	4
Capacity	2,1 L
Electrical Stand by Motor	
Voltage / Phase / Frequency	400/3/50 460/3/60
Rating	9.3 kW
Sound Pressure Level	
High Speed Diesel	65 dB(A)
Electric Standby	64 dB(A)

Dimensions	Unit
Height	2270 mm
Width	2076 mm
Depth	440 mm

Features and Options

Life cost management	
Fuel consumption monitoring	<input type="radio"/>
Fuel level sensor	<input type="checkbox"/>
Fuel filtration and priming system	<input type="checkbox"/>
Premium AGM battery	<input checked="" type="radio"/>
2-year warranty coverage	<input checked="" type="radio"/>
EMI 3000: Extended maintenance interval	<input checked="" type="radio"/>
Data capture & communications	
TrackIng - 2 Years Contract	<input checked="" type="radio"/>
Trailer Assist EBS Harness	<input type="checkbox"/>
ServiceLog maintenance logger	<input checked="" type="radio"/>
ComplianceLog data logger	<input checked="" type="radio"/>
TouchLog independent data logger	<input type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="radio"/>
USB data port	<input checked="" type="radio"/>
Load Protection	
Adjustable airflow	<input checked="" type="radio"/>
Air Straightener (from Q4 2020)	<input type="checkbox"/>
Air Chute (from Q4 2020)	<input type="checkbox"/>
Discharge Air Control Freeze protection	<input checked="" type="radio"/>
OptiSet Plus pre-set operating parameters (from Q4 2020)	<input checked="" type="radio"/>
Door switches	<input type="checkbox"/>
Diesel/electric auto switching	<input checked="" type="radio"/>
Customization	
Whisper quiet operation	<input checked="" type="radio"/>
Solar Panel	<input type="checkbox"/>
Tail lift battery charger (from Q4 2020)	<input type="checkbox"/>
Fuel Tank (Plastic 230L or Aluminium 190L)	<input type="checkbox"/>
Secured 3rd Party accessories power connection (from Q4 2020)	<input checked="" type="radio"/>
Ease of Use	
Proactive alarm notifications	<input checked="" type="radio"/>
Triple Combo Display (Fuel, Alarms, Temperature indications)	<input type="checkbox"/>

☐ Not Available ☒ Standard Feature
☐ Option: Factory Supplied ☒ Option: Dealer Supplied



A-400

Dimensions	Unit
Height	2270 mm
Width	2076 mm
Depth	440 mm

Specifications

Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	16200 W
Capacity on engine power -20°C	8300 W
Capacity on electrical stand by 0°C	13000 W
Capacity on electrical stand by -20°C	6700 W
Heating Capacity: Box Temperature +2°C	
Capacity on engine power (Outside air temperature: -20°C)	10750 W
Airflow: independent from unit engine speed	
Airflow volume @ 0 Pa static pressure - Default @ Pull Down	5000 m3/hr
Airflow volume @ 0 Pa static pressure - Max @ Pull Down	5500 m3/hr
Airflow volume @ 0 Pa static pressure - Default @ Set Point	3400 m3/hr
Airflow volume @ 0 Pa static pressure - Max @ Set Point	5000 m3/hr
Weight including battery	
Model Standard	830 kg
Engine	
Maintenance Interval	3000 hrs
Number of cylinders	4
Capacity	2,1 L L
Electrical Stand by Motor	
Voltage / Phase / Frequency	400/3/50 460/3/60
Rating	9.3 kW
Sound Pressure Level	
High Speed Diesel	65 dB(A)
Electric Standby	64 dB(A)

Features and Options

Life cost management	
Fuel consumption monitoring	●
Fuel level sensor	□ ●
Fuel filtration and priming system	□ ●
Premium AGM battery	●
2-year warranty coverage	●
EMI 3000: Extended maintenance interval	●
Data capture & communications	
TrackKing - 2 Years Contract	●
Trailer Assist EBS Harness	□ ●
ServiceLog maintenance logger	●
ComplianceLog data logger	●
TouchLog independent data logger	□ ●
Wintrac (data analysis software)	●
USB data port	●
Load Protection	
Adjustable airflow	●
Air Straightener (from Q4 2020)	□ ●
Air Chute (from Q4 2020)	□ ●
Discharge Air Control Freeze protection	●
OptiSet Plus pre-set operating parameters (from Q4 2020)	●
Door switches	□ ●
Diesel/Electric Auto Switching + Auto Phase Correction	●
Customization	
Whisper quiet operation	●
Solar Panel	□ ●
Tail lift battery charger (from Q4 2020)	□ ●
Fuel Tank (Plastic 230L or Aluminium 190L)	□ ●
Secured 3rd Party accessories power connection (from Q4 2020)	●
Ease of Use	
Proactive alarm notifications	●
Triple Combo Display (Fuel, Alarms, Temperature indications)	□ ●

○ Not Available ● Standard Feature
□ Option: Factory Supplied ■ Option: Dealer Supplied



A-500

Dimensions	Unit
Height	2270 mm
Width	2076 mm
Depth	440 mm

Specifications

Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	19500 W
Capacity on engine power -20°C	10400 W
Capacity on electrical stand by 0°C	14600 W
Capacity on electrical stand by -20°C	8400 W
Heating Capacity: Box Temperature +2°C	
Capacity on engine power (Outside air temperature: -20°C)	15900 W
Airflow: independent from unit engine speed	
Airflow volume @ 0 Pa static pressure - Default @ Pull Down	5500 m3/hr
Airflow volume @ 0 Pa static pressure - Max @ Pull Down	6000 m3/hr
Airflow volume @ 0 Pa static pressure - Default @ Set Point	3400 m3/hr
Airflow volume @ 0 Pa static pressure - Max @ Set Point	5500 m3/hr
Weight	
including battery	
Model Standard	830 kg
Engine	
Maintenance Interval	3000 hrs
Number of cylinders	4
Capacity	2,1 L L
Electrical Stand by Motor	
Voltage / Phase / Frequency	400/3/50
	460/3/60
Rating	9.3 kW
Sound Pressure Level	
High Speed Diesel	67 dB(A)
Electric Standby	64 dB(A)

Features and Options

Life cost management	
Fuel consumption monitoring	●
Fuel level sensor	□ ●
Fuel filtration and priming system	□ ●
Premium AGM battery	●
2-year warranty coverage	●
EMI 3000: Extended maintenance interval	●
Data capture & communications	
TrackKing - 2 Years Contract	●
Trailer Assist EBS Harness	□ ●
ServiceLog maintenance logger	●
ComplianceLog data logger	●
TouchLog independent data logger	□ ●
Wintrac (data analysis software)	●
USB data port	●
Load Protection	
Adjustable airflow	●
Air Straightener (from Q4 2020)	□ ●
Air Chute (from Q4 2020)	□ ●
Discharge Air Control Freeze protection	●
OptiSet Plus pre-set operating parameters (from Q4 2020)	●
Door switches	□ ●
Diesel/Electric Auto Switching + Auto Phase Correction	●
Customization	
Whisper quiet operation	●
Solar Panel	□ ●
Tail lift battery charger (from Q4 2020)	□ ●
Fuel Tank (Plastic 230L or Aluminium 190L)	□ ●
Secured 3rd Party accessories power connection (from Q4 2020)	●
Ease of Use	
Proactive alarm notifications	●
Triple Combo Display (Fuel, Alarms, Temperature indications)	□ ●

○ Not Available ● Standard Feature
□ Option: Factory Supplied ■ Option: Dealer Supplied



SLXi-200

Specifications

Compressor	
Model	X430 C5
Displacement	492 cm3
Refrigerant Charge	
Charge	5 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	13500 W
Capacity on engine power -20°C	7500 W
Capacity on electrical stand by 0°C	10500 W
Capacity on electrical stand by -20°C	5900 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	15 m
Refrigerant	R-452A
Controller	Smart Reefer 3
Pull down	
+20°C to -20°C (min)	160
Heating Capacity	
On the road	8000 W
Airflow	
on high speed engine operation	
Airflow volume @ 0 pa static pressure	5000 m3/hr
Airflow volume in fully loaded trailer	4680 m3/hr
Discharge velocity - airthrow	14 m/sec
Weight	
including battery	
Model 30	737 (Whisper option + 85 kg) kg
Model 50	793 (Whisper option + 85 kg) kg
Engine	
Model	TK 486V
Rating	17.9 kW
Maintenance Interval	3000 hrs
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50
Rating	9.3 kW

Dimensions	Unit	Condenser
Height	2279 mm	2279 mm
Width	2076 mm	2076 mm
Depth	537.4 mm	537.4 mm

Features and Options

Life cost management	
Fuel level sensor	<input type="checkbox"/> <input checked="" type="checkbox"/>
Premium AGM battery	<input checked="" type="checkbox"/>
2-year warranty coverage	<input checked="" type="checkbox"/>
EMI 3000: Extended maintenance interval	<input checked="" type="checkbox"/>
Data capture & communications	
TouchPrint Printer	<input checked="" type="checkbox"/>
ServiceWatch maintenance logger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
TracKing? (tracking and load monitoring)	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
USB data port	<input checked="" type="checkbox"/>
Load Protection	
Air Chute	<input type="checkbox"/> <input checked="" type="checkbox"/>
Discharge Air Control Freeze protection	<input checked="" type="checkbox"/>
OptiSet Plus pre-set operating parameters	<input checked="" type="checkbox"/>
Door switches	<input type="checkbox"/> <input checked="" type="checkbox"/>
Diesel/Electric Auto Switching + Auto Phase Correction	<input checked="" type="checkbox"/>
Customization	
Snow Kit dealer fitted	<input type="checkbox"/> <input checked="" type="checkbox"/>
Tail lift battery charger	<input type="checkbox"/> <input checked="" type="checkbox"/>
Whisper kit acoustic	<input type="checkbox"/>
Protection bars (ships in multiples of 3)	<input checked="" type="checkbox"/>
Low voltage disconnect	<input checked="" type="checkbox"/>
Solar Panel	<input type="checkbox"/> <input checked="" type="checkbox"/>
Fuel Tank (Plastic 230L or Aluminium 190L)	<input type="checkbox"/> <input checked="" type="checkbox"/>
Shock Protection Bars	<input checked="" type="checkbox"/>
Ease of Use	
Kit Drop Down HMI	<input type="checkbox"/> <input checked="" type="checkbox"/>
Rear remote control SR-3	<input type="checkbox"/> <input checked="" type="checkbox"/>
Status light	<input checked="" type="checkbox"/>
Triple Combo Display (Fuel, Alarms, Temperature indications)	<input type="checkbox"/> <input checked="" type="checkbox"/>
Fuel filtration and priming system	<input type="checkbox"/> <input checked="" type="checkbox"/>

☐ Not Available ☒ Standard Feature

☐ Option: Factory Supplied ☒ Option: Dealer Supplied



SLXi-300

The next generation in transport refrigeration

- Reliable operation
- Lowest emissions
- Increased shelf life
- Easier installation
- Lowest noise level
- Proven components
- Optimal data monitoring and management

Specifications

Compressor	
Model	X430 C5
Displacement	492 cm ³
Refrigerant Charge	
Charge	5 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	15000 W
Capacity on engine power -20°C	7900 W
Capacity on electrical stand by 0°C	11900 W
Capacity on electrical stand by -20°C	6200 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	15 m
Refrigerant	R-452A
Controller	Smart Reefer 3
Pull down	
+20°C to -20°C (min)	150
Heating Capacity	
On the road	12000 W
Airflow	
on high speed engine operation	
Airflow volume @ 0 pa static pressure	5000 m ³ /hr
Airflow volume in fully loaded trailer	4680 m ³ /hr
Discharge velocity - airthrow	14 m/sec
Weight	
including battery	
Model 30	737 (Whisper option + 85 kg) kg
Model 50	793 (Whisper option + 85 kg) kg
Engine	
Model	TK 486V
Rating	17.9 kW
Maintenance Interval	3000 hrs
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50
Rating	9.3 kW

Dimensions	Unit	Condenser
Height	2279 mm	2279 mm
Width	2076 mm	2076 mm
Depth	537.4 mm	537.4 mm

Features and Options

Life cost management	
Fuel level sensor	<input type="checkbox"/> <input checked="" type="checkbox"/>
Premium AGM battery	<input checked="" type="checkbox"/>
2-year warranty coverage	<input checked="" type="checkbox"/>
EMI 3000: Extended maintenance interval	<input checked="" type="checkbox"/>
Data capture & communications	
TouchPrint Printer	<input checked="" type="checkbox"/>
ServiceWatch maintenance logger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
TrackKing? (tracking and load monitoring)	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
USB data port	<input checked="" type="checkbox"/>
Load Protection	
Thermo King GDP PharmaSolutions Package	<input type="checkbox"/> <input checked="" type="checkbox"/>
OptiSet™ Plus	<input checked="" type="checkbox"/>
Produce Protection Plus (ETV & Temperature Modulation)	<input checked="" type="checkbox"/>
Air Chute	<input type="checkbox"/> <input checked="" type="checkbox"/>
Discharge Air Control Freeze protection	<input checked="" type="checkbox"/>
OptiSet Plus pre-set operating parameters	<input checked="" type="checkbox"/>
Door switches	<input type="checkbox"/> <input checked="" type="checkbox"/>
Diesel/Electric Auto Switching + Auto Phase Correction	<input checked="" type="checkbox"/>
Customization	
Snow Kit dealer fitted	<input type="checkbox"/> <input checked="" type="checkbox"/>
Tail lift battery charger	<input type="checkbox"/> <input checked="" type="checkbox"/>
Whisper kit acoustic	<input type="checkbox"/>
Protection bars (ships in multiples of 3)	<input checked="" type="checkbox"/>
Low voltage disconnect	<input checked="" type="checkbox"/>
Solar Panel	<input type="checkbox"/> <input checked="" type="checkbox"/>
Fuel Tank (Plastic 230L or Aluminium 190L)	<input type="checkbox"/> <input checked="" type="checkbox"/>
Shock Protection Bars	<input checked="" type="checkbox"/>
Ease of Use	
Kit Drop Down HMI	<input type="checkbox"/> <input checked="" type="checkbox"/>
Rear remote control SR-3	<input type="checkbox"/> <input checked="" type="checkbox"/>
Status light	<input checked="" type="checkbox"/>
Triple Combo Display (Fuel, Alarms, Temperature indications)	<input type="checkbox"/> <input checked="" type="checkbox"/>
Fuel filtration and priming system	<input type="checkbox"/> <input checked="" type="checkbox"/>

☐ Not Available ☒ Standard Feature

☐ Option: Factory Supplied ☒ Option: Dealer Supplied



SLXi-400

The next generation in transport refrigeration

- Reliable operation
- Lowest emissions
- Increased shelf life
- Easier installation
- Lowest noise level
- Proven components
- Optimal data monitoring and management

Specifications

Compressor	
Model	X430 C5
Displacement	492 cm ³
Refrigerant Charge	
Charge	5.5 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	18700 W
Capacity on engine power -20°C	10000 W
Capacity on electrical stand by 0°C	13200 W
Capacity on electrical stand by -20°C	7100 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	16 m
Refrigerant	R-452A
Controller	Smart Reefer 3
Pull down	
+20°C to -20°C (min)	120
Heating Capacity	
On the road	13300 W
Airflow	
on high speed engine operation	
Airflow volume @ 0 pa static pressure	5500 m ³ /hr
Airflow volume in fully loaded trailer	5100 m ³ /hr
Discharge velocity - airtrow	16 m/sec
Weight	
including battery	
Model 30	737 (Whisper option + 85 kg) kg
Model 50	792 (Whisper option + 85 kg) kg
Engine	
Model	TK 486V
Rating	17.9 kW
Maintenance Interval	3000 hrs
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50
Rating	9.3 kW

Dimensions	Unit	Condenser
Height	2279 mm	2279 mm
Width	2076 mm	2076 mm
Depth	537.4 mm	537.4 mm

Features and Options

Life cost management	
Fuel level sensor	<input type="checkbox"/> <input checked="" type="checkbox"/>
Premium AGM battery	<input checked="" type="checkbox"/>
2-year warranty coverage	<input checked="" type="checkbox"/>
EMI 3000: Extended maintenance interval	<input checked="" type="checkbox"/>
Data capture & communications	
TouchPrint Printer	<input checked="" type="checkbox"/>
ServiceWatch maintenance logger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
TracKing? (tracking and load monitoring)	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
USB data port	<input checked="" type="checkbox"/>
Load Protection	
Thermo King GDP PharmaSolutions Package	<input type="checkbox"/> <input checked="" type="checkbox"/>
Produce Protection Plus (ETV & Temperature Modulation)	<input checked="" type="checkbox"/>
Air Chute	<input type="checkbox"/> <input checked="" type="checkbox"/>
Discharge Air Control Freeze protection	<input checked="" type="checkbox"/>
OptiSet Plus pre-set operating parameters	<input checked="" type="checkbox"/>
Door switches	<input type="checkbox"/> <input checked="" type="checkbox"/>
Diesel/Electric Auto Switching + Auto Phase Correction	<input checked="" type="checkbox"/>
Customization	
Snow Kit dealer fitted	<input type="checkbox"/> <input checked="" type="checkbox"/>
Tail lift battery charger	<input type="checkbox"/> <input checked="" type="checkbox"/>
Whisper kit acoustic	<input type="checkbox"/>
Protection bars (ships in multiples of 3)	<input checked="" type="checkbox"/>
Low voltage disconnect	<input checked="" type="checkbox"/>
Solar Panel	<input type="checkbox"/> <input checked="" type="checkbox"/>
Fuel Tank (Plastic 230L or Aluminium 190L)	<input type="checkbox"/> <input checked="" type="checkbox"/>
Ease of Use	
Kit Drop Down HMI	<input type="checkbox"/> <input checked="" type="checkbox"/>
Rear remote control SR-3	<input type="checkbox"/> <input checked="" type="checkbox"/>
Status light	<input checked="" type="checkbox"/>
Triple Combo Display (Fuel, Alarms, Temperature indications)	<input type="checkbox"/> <input checked="" type="checkbox"/>
Fuel filtration and priming system	<input type="checkbox"/> <input checked="" type="checkbox"/>

- ☐ Not Available
 ☒ Standard Feature
 ☐ Option: Factory Supplied
 ☒ Option: Dealer Supplied



SLXi SPECTRUM

Specifications

Compressor	
Model	X430 C5
Displacement	492 cm3
Refrigerant Charge	
Charge	9.5 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	19100 W
Capacity on engine power -20°C	9000 W
Capacity on electrical stand by 0°C	11200 W
Capacity on electrical stand by -20°C	6100 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	15 m
Refrigerant	R-452A
Controller	Smart Reefer 3
Heating Capacity	
On the road	12000 W
Airflow	
on high speed engine operation	
Airflow volume @ 0 pa static pressure	5000 m3/hr
Airflow volume in fully loaded trailer	4680 m3/hr
Discharge velocity - airthrow	15 m/sec
Weight	
including battery	
Model 30	759 (Whisper option + 85 kg) kg
Model 50	814 (Whisper option + 85 kg) kg
Engine	
Model	TK 486V
Rating	17.9 kW
Maintenance Interval	3000 hrs
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50
Rating	9.3 kW

Dimensions	Unit	Condenser
Height	2279 mm	2279 mm
Width	2076 mm	2076 mm
Depth	537.4 mm	537.4 mm

Features and Options

Life cost management	
Precision Temperature Control (PTC)	●
Fuel level sensor	<input type="checkbox"/> ●
Premium AGM battery	●
2-year warranty coverage	●
EMI 3000: Extended maintenance interval	●
Data capture & communications	
TouchPrint Printer	●
ServiceWatch maintenance logger	●
TouchPrint data logger	●
TracKing? (tracking and load monitoring)	●
Wintrac (data analysis software)	●
USB data port	●
Load Protection	
Host Zone Null	●
Thermo King GDP PharmaSolutions Package	<input type="checkbox"/> ●
Produce Protection Plus (ETV & Temperature Modulation)	●
Air Chute	<input type="checkbox"/> ●
Discharge Air Control Freeze protection	●
Door switches	<input type="checkbox"/> ●
Diesel/Electric Auto Switching + Auto Phase Correction	●
Customization	
Snow Kit dealer fitted	<input type="checkbox"/> ●
Tail lift battery charger	<input type="checkbox"/> ●
Whisper kit acoustic	<input type="checkbox"/> ●
Protection bars (ships in multiples of 3)	●
Low voltage disconnect	●
Solar Panel	<input type="checkbox"/> ●
Fuel Tank (Plastic 230L or Aluminium 190L)	<input type="checkbox"/> ●
Evaporator guard	<input type="checkbox"/> ●
Ease of Use	
Kit Drop Down HMI	<input type="checkbox"/> ●
Rear remote control SR-3	<input type="checkbox"/> ●
Status light	●
Triple Combo Display (Fuel, Alarms, Temperature indications)	<input type="checkbox"/> ●
Fuel filtration and priming system	<input type="checkbox"/> ●
<div> <input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature </div> <div> <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied </div>	



SLXi-300 Whisper Pro

Specifications

Refrigeration Capacity High Speed	
Capacity on engine power 0°C	16500
Capacity on engine power -20°C	9400
Refrigeration Capacity PIEK Mode	
Capacity on engine power 0°C	10800
Capacity on engine power -20°C	6500
Compressor	
Model	X430 C5
Displacement	492 cm ³
Refrigerant Charge	
Charge	5 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	16500 W
Capacity on engine power -20°C	9400 W
Capacity on electrical stand by 0°C	10100 W
Capacity on electrical stand by -20°C	5800 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	15 m
Refrigerant	R-452A
Controller	Smart Reefer 3
Pull down	
+20°C to -20°C (min)	130
Heating Capacity	
On the road	12000 W
Airflow	
on high speed engine operation	
Airflow volume @ 0 pa static pressure	5000 m ³ /hr
Airflow volume in fully loaded trailer	4680 m ³ /hr
Discharge velocity - airthrow	14 m/sec
Weight	
including battery	
Model 30	822 kg
Model 50	878 kg
Engine	
Model	TK 486V
Rating	17.9 kW
Maintenance Interval	3000 hrs
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50
Rating	9.3 kW

Dimensions	Unit	Condenser
Height	2279 mm	2279 mm
Width	2076 mm	2076 mm
Depth	537.4 mm	537.4 mm

Features and Options

Life cost management	
Fuel level sensor	<input type="checkbox"/> <input checked="" type="checkbox"/>
Premium AGM battery	<input checked="" type="checkbox"/>
2-year warranty coverage	<input checked="" type="checkbox"/>
EMI 3000: Extended maintenance interval	<input checked="" type="checkbox"/>
Data capture & communications	
TouchPrint Printer	<input checked="" type="checkbox"/>
ServiceWatch maintenance logger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
TracKing? (tracking and load monitoring)	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
USB data port	<input checked="" type="checkbox"/>
Load Protection	
Thermo King GDP PharmaSolutions Package	<input type="checkbox"/> <input checked="" type="checkbox"/>
OptiSet™ Plus	<input checked="" type="checkbox"/>
Produce Protection Plus (ETV & Temperature Modulation)	<input checked="" type="checkbox"/>
Air Chute	<input type="checkbox"/> <input checked="" type="checkbox"/>
Discharge Air Control Freeze protection	<input checked="" type="checkbox"/>
OptiSet Plus pre-set operating parameters	<input checked="" type="checkbox"/>
Door switches	<input type="checkbox"/> <input checked="" type="checkbox"/>
Diesel/Electric Auto Switching + Auto Phase Correction	<input checked="" type="checkbox"/>
Customization	
Snow Kit dealer fitted	<input type="checkbox"/> <input checked="" type="checkbox"/>
Tail lift battery charger	<input type="checkbox"/> <input checked="" type="checkbox"/>
Whisper kit acoustic	<input type="checkbox"/> <input checked="" type="checkbox"/>
Protection bars (ships in multiples of 3)	<input checked="" type="checkbox"/>
Low voltage disconnect	<input checked="" type="checkbox"/>
Solar Panel	<input type="checkbox"/> <input checked="" type="checkbox"/>
Fuel Tank (Plastic 230L or Aluminium 190L)	<input type="checkbox"/> <input checked="" type="checkbox"/>
Ease of Use	
Kit Drop Down HMI	<input type="checkbox"/> <input checked="" type="checkbox"/>
Rear remote control SR-3	<input type="checkbox"/> <input checked="" type="checkbox"/>
Status light	<input checked="" type="checkbox"/>
Triple Combo Display (Fuel, Alarms, Temperature indications)	<input type="checkbox"/> <input checked="" type="checkbox"/>
Fuel filtration and priming system	<input type="checkbox"/> <input checked="" type="checkbox"/>

☐ Not Available ☒ Standard Feature

☐ Option: Factory Supplied ☒ Option: Dealer Supplied



SLXi SPECTRUM Whisper Pro

Specifications

Refrigeration Capacity High Speed	
Capacity on engine power 0°C	18400
Capacity on engine power -20°C	9000
Refrigeration Capacity PIEK Mode	
Capacity on engine power 0°C	12400
Capacity on engine power -20°C	5800
Compressor	
Model	X430 C5
Displacement	492 cm3
Refrigerant Charge	
Charge	9.5 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	18400 W
Capacity on engine power -20°C	9000 W
Capacity on electrical stand by 0°C	10500 W
Capacity on electrical stand by -20°C	6100 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	15 m
Refrigerant	R-452A
Controller	Smart Reefer 3
Heating Capacity	
On the road	12000 W
Airflow	
on high speed engine operation	
Airflow volume @ 0 pa static pressure	5000 m3/hr
Airflow volume in fully loaded trailer	4680 m3/hr
Discharge velocity - airtrow	15 m/sec
Weight	
including battery	
Model 30	844 kg
Model 50	900 kg
Engine	
Model	TK 486V
Rating	17.9 kW
Maintenance Interval	3000 hrs
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50
Rating	9.3 kW

Dimensions	Unit	Condenser
Height	2279 mm	2279 mm
Width	2076 mm	2076 mm
Depth	537.4 mm	537.4 mm

Features and Options

Life cost management	
Precision Temperature Control (PTC)	●
Fuel level sensor	<input type="checkbox"/> ●
Premium AGM battery	●
2-year warranty coverage	●
EMI 3000: Extended maintenance interval	●
Data capture & communications	
TouchPrint Printer	●
ServiceWatch maintenance logger	●
TouchPrint data logger	●
TracKing? (tracking and load monitoring)	●
Wintrac (data analysis software)	●
USB data port	●
Load Protection	
Host Zone Null	●
Thermo King GDP PharmaSolutions Package	<input type="checkbox"/> ●
Produce Protection Plus (ETV & Temperature Modulation)	●
Air Chute	<input type="checkbox"/> ●
Discharge Air Control Freeze protection	●
Door switches	<input type="checkbox"/> ●
Diesel/Electric Auto Switching + Auto Phase Correction	●
Customization	
Snow Kit dealer fitted	<input type="checkbox"/> ●
Tail lift battery charger	<input type="checkbox"/> ●
Whisper kit acoustic	<input type="checkbox"/> ●
Protection bars (ships in multiples of 3)	●
Low voltage disconnect	●
Solar Panel	<input type="checkbox"/> ●
Fuel Tank (Plastic 230L or Aluminium 190L)	<input type="checkbox"/> ●
Evaporator guard	<input type="checkbox"/> ●
Ease of Use	
Kit Drop Down HMI	<input type="checkbox"/> ●
Rear remote control SR-3	<input type="checkbox"/> ●
Status light	●
Triple Combo Display (Fuel, Alarms, Temperature indications)	<input type="checkbox"/> ●
Fuel filtration and priming system	<input type="checkbox"/> ●
<div> <input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature </div> <div> <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied </div>	



T-560R

Enhanced self-powered refrigeration unit for small & medium sized trucks

- Proven performance up to 55 Å°C
- As tough as the conditions it works in
- Full Thermo King service and parts support
- Ease of use for error-proof operation
- Market leading performance and economy
- Reduced environmental impact
- Frozen, chill or fresh cargo up to 5.5m body
- Stylish new appearance
- Refrigerant: Standard: R-452A / Optional: R-134a

Dimensions	Unit	Condenser
Height	596 mm	596 mm
Width	1676 mm	1676 mm
Depth	926 mm	926 mm

Specifications

Compressor	
Model	X214 Deep Sump
Displacement	228 cm ³
Refrigerant Charge	
Charge	2.5 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	6300 W
Capacity on engine power -20°C	3500 W
Capacity on electrical stand by 0°C	4800 W
Capacity on electrical stand by -20°C	2500 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	4.0 - 5.5 m
Refrigerant	R-404A/R-452A
Airflow	2150 m ³ /hr
Controller	Truck Smart Reefer 3
Airflow	
on high speed engine operation	
Airflow volume @ 0 pa static pressure	2150 m ³ /hr
Discharge velocity - airthrow	5.5 m/sec
Weight	
including battery	
Model 30	370 (Whisper option +17) kg
Model 50	400 (Whisper option +17) kg
Engine	
Model	TK 270
Rating	7.5 kW
Maintenance Interval	1000 hrs
no. of cylinders/displacement	TK 270V / 2 / 570 cm ³
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50 -- 230 / 3 / 50 -- 230 / 3 / 60
Rating	4.5 kW

Features and Options

Life cost management	
ThermoKare Service contracts	<input type="checkbox"/>
Cycle-Sentry start/stop control system	<input checked="" type="checkbox"/>
EMI 2000 extended maintenance	<input checked="" type="checkbox"/>
Thermo King high performance battery	<input checked="" type="checkbox"/>
Thermo King Energy battery	<input type="checkbox"/>
Premium AGM battery	<input type="checkbox"/>
2-year warranty coverage	<input checked="" type="checkbox"/>
Data capture & communications	
TouchPrint data capture	<input type="checkbox"/>
TouchPrint Printer	<input type="checkbox"/>
Remote Watch	<input checked="" type="checkbox"/>
TSR standard in-cab display	<input checked="" type="checkbox"/>
Load Protection	
Heater Bar Kit	<input type="checkbox"/>
Auto phase correction	<input checked="" type="checkbox"/>
SafeGuard battery protection kit	<input type="checkbox"/>
Password protected controller	<input checked="" type="checkbox"/>
Door switches	<input type="checkbox"/>
Diesel/electric auto switching	<input checked="" type="checkbox"/>
Customization	
Whisper noise attenuating kit	<input type="checkbox"/>
Hose management kit	<input type="checkbox"/>
TSR rear remote control	<input type="checkbox"/>
TSR premium in-cab display	<input type="checkbox"/>
Solar Panel	<input checked="" type="checkbox"/>
Whisper low noise kit	<input type="checkbox"/>
Body mount enclosure	<input checked="" type="checkbox"/>
90L fuel tank	<input type="checkbox"/>
Triple Combo Display	<input checked="" type="checkbox"/>
<input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Standard Feature <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



T-600R

Delivering what matters

- Quiet operation
- Low fuel consumption
- Low life cycle costs
- Easy to use and service
- Reduced emissions and waste

Specifications

Compressor	
Model	X214
Displacement	228 cm ³
Refrigerant Charge	
Charge	3.4 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	6700 W
Capacity on engine power -20°C	4000 W
Capacity on electrical stand by 0°C	4800 W
Capacity on electrical stand by -20°C	3200 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	5.5 - 6 m
Refrigerant	R-404A/R-452A
Airflow	2700 m ³ /hr
Controller	Truck Smart Reefer 3
Airflow	
on high speed engine operation	
Airflow volume @ 0 pa static pressure	2700 m ³ /hr
Discharge velocity - airthrow	5.2 m/sec
Weight	
including battery	
Model 30	441 kg
Model 50	473 kg
Engine	
Model	TK 370
Rating	11.2 kW
Maintenance Interval	2000 hrs
no. of cylinders/displacement	TK 370 / 3 / 855 cm ³
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50 -- 230 / 3 / 50 -- 230 / 3 / 60
Rating	4.5 kW

Dimensions	Unit	Condenser
Height	617 mm	617 mm
Width	1887 mm	919 mm
Depth	919 mm	1887 mm

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Cycle-Sentry start/stop control system	<input checked="" type="checkbox"/>
EMI 2000 extended maintenance	<input checked="" type="checkbox"/>
Fuel level sensor	<input type="checkbox"/>
Thermo King high performance battery	<input checked="" type="checkbox"/>
Thermo King Energy battery	<input type="checkbox"/>
Premium AGM battery	<input type="checkbox"/>
2-year warranty coverage	<input checked="" type="checkbox"/>
Data capture & communications	
TouchPrint data capture	<input checked="" type="checkbox"/>
TouchPrint Printer	<input checked="" type="checkbox"/>
ServiceWatch maintenance logger	<input type="checkbox"/>
DAS (Data Acquisition System)	<input type="checkbox"/>
TrackKing? (tracking and load monitoring)	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Load Protection	
TSR-3 standard in-cab display	<input checked="" type="checkbox"/>
Heater Bar Kit	<input type="checkbox"/>
Water Heater	<input type="checkbox"/>
Auto phase correction	<input checked="" type="checkbox"/>
SafeGuard battery protection kit	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
Diesel/electric auto switching	<input checked="" type="checkbox"/>
Customization	
TSR-3 premium in-cab display	<input type="checkbox"/>
Whisper noise attenuating kit	<input type="checkbox"/>
TSR-3 rear remote control	<input type="checkbox"/>
Electronic Fuel Capture	<input checked="" type="checkbox"/>
Hose management kit	<input type="checkbox"/>
Solar Panel	<input checked="" type="checkbox"/>
Body mount enclosure	<input checked="" type="checkbox"/>
90L fuel tank	<input type="checkbox"/>
Triple Combo Display	<input checked="" type="checkbox"/>
<input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Standard Feature <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



T-800R

Delivering what matters

- Quiet operation
- Low fuel consumption
- Low life cycle costs
- Easy to use and service
- Reduced emissions and waste

Dimensions	Unit	Condenser
Height	617 mm	617 mm
Width	1887 mm	1887 mm
Depth	919 mm	919 mm

Specifications

Compressor	
Model	X214
Displacement	228 cm ³
Refrigerant Charge	
Charge	3.6 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	7800 W
Capacity on engine power -20°C	4200 W
Capacity on electrical stand by 0°C	6000 W
Capacity on electrical stand by -20°C	3200 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	6.5 - 7.5 m
Refrigerant	R-404A/R-452A
Airflow	2700 m ³ /hr
Controller	Truck Smart Reefer 3
Airflow	
on high speed engine operation	
Airflow volume @ 0 pa static pressure	2700 m ³ /hr
Discharge velocity - airthrow	5.2 m/sec
Weight	
including battery	
Model 30	444 (Whisper option +17) kg
Model 50	477 (Whisper option +17) kg
Engine	
Model	TK 370
Rating	11.2 kW
Maintenance Interval	2000 hrs
no. of cylinders/displacement	TK 370 / 3 / 855 cm ³
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50 -- 230 / 3 / 50 -- 230 / 3 / 60
Rating	4.5 kW

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Cycle-Sentry start/stop control system	<input checked="" type="checkbox"/>
EMI 2000 extended maintenance	<input checked="" type="checkbox"/>
Fuel level sensor	<input type="checkbox"/>
Thermo King high performance battery	<input checked="" type="checkbox"/>
Thermo King Energy battery	<input type="checkbox"/>
Premium AGM battery	<input type="checkbox"/>
2-year warranty coverage	<input checked="" type="checkbox"/>
Data capture & communications	
TouchPrint data capture	<input checked="" type="checkbox"/>
TouchPrint Printer	<input checked="" type="checkbox"/>
ServiceWatch maintenance logger	<input type="checkbox"/>
DAS (Data Acquisition System)	<input type="checkbox"/>
TracKing? (tracking and load monitoring)	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Load Protection	
TSR-3 standard in-cab display	<input checked="" type="checkbox"/>
Heater Bar Kit	<input type="checkbox"/>
Water Heater	<input type="checkbox"/>
Auto phase correction	<input checked="" type="checkbox"/>
SafeGuard battery protection kit	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
Diesel/electric auto switching	<input checked="" type="checkbox"/>
Customization	
TSR-3 premium in-cab display	<input type="checkbox"/>
Whisper noise attenuating kit	<input type="checkbox"/>
TSR-3 rear remote control	<input type="checkbox"/>
Electronic Fuel Capture	<input checked="" type="checkbox"/>
Hose management kit	<input type="checkbox"/>
Solar Panel	<input checked="" type="checkbox"/>
Body mount enclosure	<input checked="" type="checkbox"/>
90L fuel tank	<input type="checkbox"/>
Triple Combo Display	<input checked="" type="checkbox"/>

☐ Not Available
 ☒ Standard Feature
 ☐ Option: Factory Supplied
 ☒ Option: Dealer Supplied



T-1000R

Delivering what matters

- Quiet operation
- Low fuel consumption
- Low life cycle costs
- Easy to use and service
- Reduced emissions and waste

Dimensions	Unit	Condenser
Height	688 mm	688 (Whisper option 704) mm
Width	1887 mm	1887 mm
Depth	919 mm	919 mm

Specifications

Compressor	
Model	X426 C5
Refrigerant Charge	
Charge	3.4 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	9600 W
Capacity on engine power -20°C	5300 W
Capacity on electrical stand by 0°C	6700 W
Capacity on electrical stand by -20°C	4100 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	7.5 - 8.5 m
Refrigerant	R-404A/R-452A
Airflow	3200 m ³ /hr
Controller	Truck Smart Reefer 3
Airflow	
on high speed engine operation	
Airflow volume @ 0 pa static pressure	3200 m ³ /hr
Discharge velocity - airthrow	6.2 m/sec
Weight	
including battery	
Model 30	457 (Whisper option +17) kg
Model 50	514 (Whisper option +17) kg
Engine	
Model	TK 376
Rating	14.6 kW
Maintenance Interval	2000 hrs
no. of cylinders/displacement	TK 376 / 3 / 1115 cm ³
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50 -- 230 / 3 / 50 -- 230 / 3 / 60
Rating	7.5 kW

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Cycle-Sentry start/stop control system	<input checked="" type="checkbox"/>
EMI 2000 extended maintenance	<input checked="" type="checkbox"/>
Fuel level sensor	<input type="checkbox"/>
Thermo King high performance battery	<input checked="" type="checkbox"/>
Thermo King Energy battery	<input type="checkbox"/>
Premium AGM battery	<input type="checkbox"/>
2-year warranty coverage	<input checked="" type="checkbox"/>
Data capture & communications	
TouchPrint data capture	<input checked="" type="checkbox"/>
TouchPrint Printer	<input type="checkbox"/>
ServiceWatch maintenance logger	<input type="checkbox"/>
DAS (Data Acquisition System)	<input type="checkbox"/>
TrackKing? (tracking and load monitoring)	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Load Protection	
TSR-3 standard in-cab display	<input checked="" type="checkbox"/>
Heater Bar Kit	<input type="checkbox"/>
Water Heater	<input type="checkbox"/>
Auto phase correction	<input checked="" type="checkbox"/>
SafeGuard battery protection kit	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
Diesel/electric auto switching	<input checked="" type="checkbox"/>
Customization	
TSR-3 premium in-cab display	<input type="checkbox"/>
Whisper noise attenuating kit	<input type="checkbox"/>
TSR-3 rear remote control	<input type="checkbox"/>
Electronic Fuel Capture	<input checked="" type="checkbox"/>
Hose management kit	<input type="checkbox"/>
Solar Panel	<input checked="" type="checkbox"/>
Body mount enclosure	<input checked="" type="checkbox"/>
90L fuel tank	<input type="checkbox"/>
Triple Combo Display	<input checked="" type="checkbox"/>

☐ Not Available

☒ Standard Feature

☐ Option: Factory Supplied

☒ Option: Dealer Supplied



T-1200R

Delivering what matters

- Quiet operation
- Low fuel consumption
- Low life cycle costs
- Easy to use and service
- Reduced emissions and waste

Dimensions	Unit	Condenser
Height	688 mm	688 (Whisper option 704) mm
Width	1887 mm	1887 mm
Depth	919 mm	919 mm

Specifications

Compressor	
Model	X430 C5
Refrigerant Charge	
Charge	3.8 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	12500 W
Capacity on engine power -20°C	6800 W
Capacity on electrical stand by 0°C	9250 W
Capacity on electrical stand by -20°C	5200 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	8.5+ m
Refrigerant	R-404A/R-452A
Airflow	3300 m3/hr
Controller	Truck Smart Reefer 3
Airflow	
on high speed engine operation	
Airflow volume @ 0 pa static pressure	3300 m3/hr
Discharge velocity - airthrow	6.4 m/sec
Weight	
including battery	
Model 30	460 (Whisper option +17) kg
Model 50	517 (Whisper option +17) kg
Engine	
Model	TK 376
Rating	14.6 kW
Maintenance Interval	2000 hrs
no. of cylinders/displacement	TK 376 / 3 / 1115 cm3
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50 -- 230 / 3 / 50 -- 230 / 3 / 60
Rating	7.5 kW

Features and Options

Life cost management	
TK Long Life AGM Battery	<input type="checkbox"/>
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Cycle-Sentry start/stop control system	<input checked="" type="checkbox"/>
EMI 2000 extended maintenance	<input checked="" type="checkbox"/>
Fuel level sensor	<input type="checkbox"/>
Thermo King high performance battery	<input checked="" type="checkbox"/>
Thermo King Energy battery	<input type="checkbox"/>
Premium AGM battery	<input type="checkbox"/>
2-year warranty coverage	<input checked="" type="checkbox"/>
Data capture & communications	
TouchPrint data capture	<input checked="" type="checkbox"/>
TouchPrint Printer	<input checked="" type="checkbox"/>
ServiceWatch maintenance logger	<input type="checkbox"/>
DAS (Data Acquisition System)	<input type="checkbox"/>
TracKing? (tracking and load monitoring)	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Remote Watch	<input type="radio"/>
Load Protection	
TSR-3 standard in-cab display	<input checked="" type="checkbox"/>
Heater Bar Kit	<input type="checkbox"/>
Auto phase correction	<input checked="" type="checkbox"/>
SafeGuard battery protection kit	<input type="checkbox"/>
Password protected controller	<input checked="" type="checkbox"/>
Door switches	<input type="checkbox"/>
Diesel/electric auto switching	<input checked="" type="checkbox"/>
Customization	
TSR-3 premium in-cab display	<input type="checkbox"/>
Whisper noise attenuating kit	<input type="checkbox"/>
TSR-3 rear remote control	<input type="checkbox"/>
Body mount enclosure	<input checked="" type="checkbox"/>
90L fuel tank	<input type="checkbox"/>
Triple Combo Display	<input checked="" type="checkbox"/>
<input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



T-800R SPECTRUM

T-Series Spectrum: Solutions for multi-temp distribution

With a tireless focus on reducing noise and emissions while maximizing performance, the new range of T-Series Spectrum units are designed to meet the grueling demands of Multi temperature distribution.

We also understand that all distribution operations are not the same. That is why all T-Series Spectrum units are available with a choice of two or three blower remote vaporators that can be used in a number of configurations. With the ability to support up to three zones in both compartment and lane applications, we have a solution to match your unique needs. Your Thermo King representative can assist you in selecting the right unit for your operations.

Dimensions	Unit	Condenser
Height	617 mm	617 mm
Width	1887 mm	1887 mm
Depth	919 mm	919 mm

Specifications

Compressor	
Model	X214
Refrigerant Charge	
Charge	R-404A = 4.0; R-452A = 6.0 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	8000 W
Capacity on engine power -20°C	3850 W
Capacity on electrical stand by 0°C	6200 W
Capacity on electrical stand by -20°C	2800 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	6.5 - 7.5 m
Refrigerant	R-404A/R-452A
Airflow	S-2 = 1320, S-3 = 1980 m3/hr
Controller	Truck Smart Reefer 3
Airflow	
on high speed engine operation	
Airflow volume @ 0 pa static pressure	S-2 = 1320, S-3 = 1980 m3/hr
Discharge velocity - athrow	9.5 m/sec
Weight	
including battery	
Model 30	357 kg
Model 50	389 kg
Engine	
Model	TK 370
Rating	11.2 kW
Maintenance Interval	2000 hrs
no. of cylinders/displacement	TK 370 / 3 / 855 cm3
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50 -- 230 / 3 / 50 -- 230 / 3 / 60
Rating	4.5 kW

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Cycle-Sentry start/stop control system	<input checked="" type="checkbox"/>
EMI 2000 extended maintenance	<input checked="" type="checkbox"/>
Fuel level sensor	<input type="checkbox"/>
Thermo King high performance battery	<input checked="" type="checkbox"/>
Thermo King Energy battery	<input type="checkbox"/>
Premium AGM battery	<input type="checkbox"/>
2-year warranty coverage	<input checked="" type="checkbox"/>
Data capture & communications	
TouchPrint data capture	<input checked="" type="checkbox"/>
TouchPrint Printer	<input checked="" type="checkbox"/>
ServiceWatch maintenance logger	<input type="checkbox"/>
DAS (Data Acquisition System)	<input type="checkbox"/>
TrackKing? (tracking and load monitoring)	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Load Protection	
TSR-3 standard in-cab display	<input checked="" type="checkbox"/>
Heater Bar Kit	<input type="checkbox"/>
Auto phase correction	<input checked="" type="checkbox"/>
SafeGuard battery protection kit	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
Diesel/electric auto switching	<input checked="" type="checkbox"/>
Customization	
Whisper kit acoustic	<input type="checkbox"/>
TSR-3 premium in-cab display	<input type="checkbox"/>
TSR-3 rear remote control	<input type="checkbox"/>
Electronic Fuel Capture	<input checked="" type="checkbox"/>
Hose management kit	<input type="checkbox"/>
Solar Panel	<input checked="" type="checkbox"/>
Evaporator guard	<input checked="" type="checkbox"/>
Body mount enclosure	<input checked="" type="checkbox"/>
90L fuel tank	<input type="checkbox"/>
Drain Kit for Transverse Remote Evap	<input checked="" type="checkbox"/>
Triple Combo Display	<input checked="" type="checkbox"/>

☐ Not Available ☒ Standard Feature

☐ Option: Factory Supplied ☒ Option: Dealer Supplied



T-1000R SPECTRUM

T-Series Spectrum: Solutions for Multi temp distribution

With a tireless focus on reducing noise and emissions while maximizing performance, the new range of T-Series Spectrum units are designed to meet the grueling demands of Multi temperature distribution.

We also understand that all distribution operations are not the same. That is why all T-Series Spectrum units are available with a choice of two or three blower remote evaporators that can be used in a number of configurations. With the ability to support up to three zones in both compartment and lane applications, we have a solution to match your unique needs. Your Thermo King representative can assist you in selecting the right unit for your operations.

Specifications

Compressor	
Model	X426 C5
Refrigerant Charge	
Charge	R-404A = 5.86; R-452A = 6.1 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	10000 W
Capacity on engine power -20°C	5800 W
Capacity on electrical stand by 0°C	6300 W
Capacity on electrical stand by -20°C	4000 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	7.5 - 8.5 m
Refrigerant	R-404A/R-452A
Airflow	S-2 = 1320, S-3 = 1980 m ³ /hr
Controller	Truck Smart Reefer 3
Airflow	
on high speed engine operation	
Airflow volume @ 0 pa static pressure	S-2 = 1320, S-3 = 1980 m ³ /hr
Discharge velocity - airthrow	9.5 m/sec
Weight	
including battery	
Model 30	373 kg
Model 50	430 kg
Engine	
Model	TK 376
Rating	14.6 kW
Maintenance Interval	2000 hrs
no. of cylinders/displacement	TK 376 / 3 / 1115 cm ³
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50 -- 230 / 3 / 50 -- 230 / 3 / 60
Rating	7.5 kW

Self Powered Truck - Multi Temperature

Dimensions	Unit	Condenser
Height	688 mm	688 (Whisper option 704) mm
Width	1887 mm	1887 mm
Depth	919 mm	919 mm

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Cycle-Sentry start/stop control system	<input checked="" type="checkbox"/>
EMI 2000 extended maintenance	<input checked="" type="checkbox"/>
Fuel level sensor	<input type="checkbox"/>
Thermo King high performance battery	<input checked="" type="checkbox"/>
Thermo King Energy battery	<input type="checkbox"/>
Premium AGM battery	<input type="checkbox"/>
2-year warranty coverage	<input checked="" type="checkbox"/>
Data capture & communications	
TouchPrint data capture	<input checked="" type="checkbox"/>
TouchPrint Printer	<input checked="" type="checkbox"/>
ServiceWatch maintenance logger	<input type="checkbox"/>
DAS (Data Acquisition System)	<input type="checkbox"/>
TrackiNG? (tracking and load monitoring)	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Load Protection	
TSR-3 standard in-cab display	<input checked="" type="checkbox"/>
Heater Bar Kit	<input type="checkbox"/>
Auto phase correction	<input checked="" type="checkbox"/>
SafeGuard battery protection kit	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
Diesel/electric auto switching	<input checked="" type="checkbox"/>
Customization	
Whisper kit acoustic	<input type="checkbox"/>
TSR-3 premium in-cab display	<input type="checkbox"/>
TSR-3 rear remote control	<input type="checkbox"/>
Electronic Fuel Capture	<input checked="" type="checkbox"/>
Hose management kit	<input type="checkbox"/>
Solar Panel	<input checked="" type="checkbox"/>
Evaporator guard	<input checked="" type="checkbox"/>
Body mount enclosure	<input checked="" type="checkbox"/>
90L fuel tank	<input type="checkbox"/>
Drain Kit for Transverse Remote Evap	<input checked="" type="checkbox"/>
Triple Combo Display	<input checked="" type="checkbox"/>

☐ Not Available ☒ Standard Feature

☐ Option: Factory Supplied ☒ Option: Dealer Supplied



T-1200R SPECTRUM

T-Series Spectrum: Solutions for multi-temp distribution

With a tireless focus on reducing noise and emissions while maximizing performance, the new range of T-Series Spectrum units are designed to meet the grueling demands of Multi temperature distribution.

We also understand that all distribution operations are not the same. That is why all T-Series Spectrum units are available with a choice of two or three blower remote evaporators that can be used in a number of configurations. With the ability to support up to three zones in both compartment and lane applications, we have a solution to match your unique needs. Your Thermo King representative can assist you in selecting the right unit for your operations.

Specifications

Compressor	
Model	X430 C5
Refrigerant Charge	
Charge	R-404A = 6.2; R-452A = 6.25 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	11800 W
Capacity on engine power -20°C	7200 W
Capacity on electrical stand by 0°C	7500 W
Capacity on electrical stand by -20°C	5000 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	8.5+ m
Refrigerant	R-404A/R-452A
Airflow	S-2 = 1320, S-3 = 1980 m ³ /hr
Controller	Truck Smart Reefer 3
Airflow	
on high speed engine operation	
Airflow volume @ 0 pa static pressure	S-2 = 1320, S-3 = 1980 m ³ /hr
Discharge velocity - airthrow	9.5 m/sec
Weight	
including battery	
Model 30	377 kg
Model 50	436 kg
Engine	
Model	TK 376
Rating	14.6 kW
Maintenance Interval	2000 hrs
no. of cylinders/displacement	TK 376 / 3 / 1115 cm ³
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50 -- 230 / 3 / 50 -- 230 / 3 / 60
Rating	7.5 kW

Self Powered Truck - Multi Temperature

Dimensions	Unit	Condenser
Height	688 mm	688 (Whisper option 704) mm
Width	1887 mm	1887 mm
Depth	919 mm	919 mm

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Cycle-Sentry start/stop control system	<input checked="" type="checkbox"/>
EMI 2000 extended maintenance	<input checked="" type="checkbox"/>
Fuel level sensor	<input type="checkbox"/>
Thermo King high performance battery	<input checked="" type="checkbox"/>
Thermo King Energy battery	<input type="checkbox"/>
Premium AGM battery	<input type="checkbox"/>
2-year warranty coverage	<input checked="" type="checkbox"/>
Data capture & communications	
TouchPrint data capture	<input checked="" type="checkbox"/>
TouchPrint Printer	<input checked="" type="checkbox"/>
ServiceWatch maintenance logger	<input type="checkbox"/>
DAS (Data Acquisition System)	<input type="checkbox"/>
TrackiNG? (tracking and load monitoring)	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Load Protection	
TSR-3 standard in-cab display	<input checked="" type="checkbox"/>
Heater Bar Kit	<input type="checkbox"/>
Auto phase correction	<input checked="" type="checkbox"/>
SafeGuard battery protection kit	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
Diesel/electric auto switching	<input checked="" type="checkbox"/>
Customization	
Whisper kit acoustic	<input type="checkbox"/>
TSR-3 premium in-cab display	<input type="checkbox"/>
TSR-3 rear remote control	<input type="checkbox"/>
Electronic Fuel Capture	<input checked="" type="checkbox"/>
Hose management kit	<input type="checkbox"/>
Solar Panel	<input checked="" type="checkbox"/>
Evaporator guard	<input checked="" type="checkbox"/>
Body mount enclosure	<input checked="" type="checkbox"/>
90L fuel tank	<input type="checkbox"/>
Drain Kit for Transverse Remote Evap	<input checked="" type="checkbox"/>
Triple Combo Display	<input checked="" type="checkbox"/>
<input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Standard Feature <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



RT-800R

Dimensions	Unit	Condenser
Height	630 mm	630 mm
Width	1880 mm	1880 mm
Depth	735 mm	735 mm

Specifications

Compressor	
Model	X214
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	7800 W
Capacity on engine power -20°C	4200 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	6.5 - 7.5 m
Refrigerant	R-404A/R-452A
Airflow	2700 m3/hr
Controller	Truck Smart Reefer 3
Airflow	
on high speed engine operation	
Airflow volume @ 0 pa static pressure	2700 m3/hr
Discharge velocity - airthrow	5.2 m/sec
Weight	
including battery	
Model 30	451 kg
Model 50	484 kg
Engine	
Model	TK 370
Maintenance Interval	2000 hrs
no. of cylinders/displacement	TK 370 / 3 / 855 cm3
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50 -- 230 / 3 / 50 - - 230 / 3 / 60
Rating	5.4 kW

Features and Options

☐ Not Available ☒ Standard Feature

☐ Option: Factory Supplied ☒ Option: Dealer Supplied



T-1200R Intermodal

Dimensions	Unit	Condenser
Height	688 mm	688 (Whisper option 704) mm
Width	1887 mm	1887 mm
Depth	919 mm	919 mm

Specifications

Compressor	
Model	X430 C5
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	12500 W
Capacity on engine power -20°C	6800 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	13.6 m
Refrigerant	R-404A/R-452A
Airflow	3300 m3/hr
Controller	Truck Smart Reefer 3
Airflow	
on high speed engine operation	
Airflow volume @ 0 pa static pressure	3300 m3/hr
Discharge velocity - airthrow	6.4 m/sec
Weight	
including battery	
Model 50	517 kg
Engine	
Model	TK 376
Maintenance Interval	2000 hrs
no. of cylinders/displacement	TK 376 / 3 / 1115 cm3
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50 -- 230 / 3 / 50 - - 230 / 3 / 60
Rating	7.5 kW

Features and Options

☐ Not Available
 ☒ Standard Feature

☐ Option: Factory Supplied
 ☒ Option: Dealer Supplied



UT-800 / ES-800

The new benchmark in Undermount Refrigeration

- Whisper-quiet operation
- Low fuel consumption
- Smaller and lighter
- Easy, low-cost installation
- Easier service accessibility
- Advanced TSR-3 controller

Dimensions	Unit	Condenser
Height		628 mm
Width		1797 mm
Depth		713 mm

Specifications

Compressor	
Model	TK 06 Scroll
Displacement	98 cm ³
Refrigerant Charge	
Charge	4 kg
Refrigeration Capacity	
including battery	
Capacity on engine power 0°C	9300 W
Capacity on engine power -20°C	5300 W
Capacity on electrical stand by 0°C	7500 W
Capacity on electrical stand by -20°C	4500 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	6.5 - 7.5 m
Refrigerant	R-452A
Controller	Truck Smart Reefer 3
Airflow	
including battery	
Airflow volume @ 0 pa static pressure	2640 m ³ /hr
Discharge velocity - airthrow	6.5 m/sec
Weight	
including evaporator	
Model 50	493 kg
Engine	
Model	TK 376
Rating	14.6 kW
Maintenance Interval	2000 hrs
no. of cylinders/displacement	TK 376U / 3 / 1115 cm ³
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50 -- 230 / 3 / 50 -- 230 / 3 / 60
Rating	7.5 kW

Features and Options

Life cost management	
ServiceWatch maintenance logger	<input type="checkbox"/>
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Cycle-Sentry start/stop control system	<input checked="" type="checkbox"/>
EMI 2000 extended maintenance	<input checked="" type="checkbox"/>
Fuel level sensor	<input type="checkbox"/>
Thermo King high performance battery	<input checked="" type="checkbox"/>
Thermo King Energy battery	<input type="checkbox"/>
Premium AGM battery	<input type="checkbox"/>
2-year warranty coverage	<input checked="" type="checkbox"/>
Data capture & communications	
TouchPrint data capture	<input checked="" type="checkbox"/>
TouchPrint Printer	<input checked="" type="checkbox"/>
DAS (Data Acquisition System)	<input type="checkbox"/>
TrackKing? (tracking and load monitoring)	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Load Protection	
TSR-3 standard in-cab display	<input checked="" type="checkbox"/>
Auto phase correction	<input checked="" type="checkbox"/>
SafeGuard battery protection kit	<input checked="" type="checkbox"/>
Door switches	<input type="checkbox"/>
Diesel/electric auto switching	<input checked="" type="checkbox"/>
Customization	
TSR-3 premium in-cab display	<input type="checkbox"/>
TSR-3 rear remote control	<input type="checkbox"/>
Flexible hoses	<input checked="" type="checkbox"/>
Electronic Fuel Capture	<input checked="" type="checkbox"/>
Remote Status Light and Combination Display	<input checked="" type="checkbox"/>
Evaporator guard	<input checked="" type="checkbox"/>
Body mount enclosure	<input checked="" type="checkbox"/>
90L fuel tank	<input type="checkbox"/>
Triple Combo Display	<input checked="" type="checkbox"/>
<input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Standard Feature <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



UT SPECTRUM

Specifications

Compressor	
Model	TK 06 Scroll
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	S-3 + S-3 = 10550 / S-3 + S-3 + S-2 = 10400 W
Capacity on engine power -20°C	S-3 + S-3 = 5750 / S-3 + S-3 + S-2 = 6050 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	7.5 - 9+ m
Refrigerant	R-452A
Airflow	S-3 + S-3 = 1320 / S-3 + S-3 + S-2 = 1980 m3/hr
Controller	Truck Smart Reefer 3
Velocity	9.5
Weight including battery	
Condenser	S-3 + S-3 = 597 / S-3 + S-3 + S-2 = 633 kg
Engine	
Model	TK 376
Rating	14.6 kW
Maintenance Interval	2000 hrs
no. of cylinders/displacement	TK 376U / 3 / 1115 cm3
Electrical Stand by Motor	
Voltage / Phase / Frequency	200 / 3 / 60 -- 230 / 3 / 50 -- 230 / 3 / 60 -- 400 / 3 / 50

Dimensions	Unit	Condenser
Height	628 mm	628 mm
Width	1797 mm	1797 mm
Depth	713 mm	713 mm

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Cycle-Sentry start/stop control system	<input checked="" type="checkbox"/>
Fuel level sensor	<input type="checkbox"/>
Thermo King high performance battery	<input checked="" type="checkbox"/>
Thermo King Energy battery	<input type="checkbox"/>
Premium AGM battery	<input type="checkbox"/>
2-year warranty coverage	<input checked="" type="checkbox"/>
Data capture & communications	
TouchPrint data capture	<input checked="" type="checkbox"/>
TouchPrint Printer	<input checked="" type="checkbox"/>
ServiceWatch maintenance logger	<input type="checkbox"/>
DAS (Data Acquisition System)	<input type="checkbox"/>
TracKing? (tracking and load monitoring)	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Load Protection	
TSR-3 standard in-cab display	<input checked="" type="checkbox"/>
Auto phase correction	<input checked="" type="checkbox"/>
Door switches	<input type="checkbox"/>
Diesel/electric auto switching	<input checked="" type="checkbox"/>
Customization	
TSR-3 premium in-cab display	<input type="checkbox"/>
TSR-3 rear remote control	<input type="checkbox"/>
Flexible hoses	<input checked="" type="checkbox"/>
Electronic Fuel Capture	<input checked="" type="checkbox"/>
Remote Status Light and Combination Display	<input checked="" type="checkbox"/>
Evaporator guard	<input checked="" type="checkbox"/>
Body mount enclosure	<input checked="" type="checkbox"/>
90L fuel tank	<input type="checkbox"/>
Safeguard - dealer fitted	<input checked="" type="checkbox"/>
Triple Combo Display	<input checked="" type="checkbox"/>
<input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Standard Feature <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



UT-1200 E-EVAP

The new benchmark in Undermount Refrigeration

- Whisper-quiet operation
- Low fuel consumption
- Smaller and lighter
- Easy, low-cost installation
- Easier service accessibility
- Advanced TSR-3 controller

Dimensions	Unit	Condenser
Height	628 mm	628 mm
Width	1797 mm	1797 mm
Depth	713 mm	713 mm

Specifications

Compressor	
Model	TK 06 Scroll
Displacement	98 cm ³
Refrigerant Charge	
Charge	4.6 kg
Refrigeration Capacity	
including battery	
Capacity on engine power 0°C	11400 W
Capacity on engine power -20°C	6600 W
Capacity on electrical stand by 0°C	8300 W
Capacity on electrical stand by -20°C	5200 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	7.5 - 9+ m
Refrigerant	R-452A
Airflow	3350 m ³ /hr
Controller	Truck Smart Reefer 3
Airflow	
including battery	
Airflow volume @ 0 pa static pressure	3350 m ³ /hr
Discharge velocity - airthrow	6.6 m/sec
Weight	
including evaporator	
Model 50	495 kg
Engine	
Model	TK 376
Rating	14.6 kW
Maintenance Interval	2000 hrs
no. of cylinders/displacement	TK 376U / 3 / 1115 cm ³
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50 -- 230 / 3 / 60
Rating	7.5 kW

Features and Options

Life cost management	
ThermoKare Service contracts	<input type="checkbox"/>
Cycle-Sentry start/stop control system	<input checked="" type="checkbox"/>
EMI 2000 extended maintenance	<input checked="" type="checkbox"/>
Fuel level sensor	<input type="checkbox"/>
Thermo King high performance battery	<input checked="" type="checkbox"/>
Thermo King Energy battery	<input type="checkbox"/>
Premium AGM battery	<input type="checkbox"/>
2-year warranty coverage	<input checked="" type="checkbox"/>
Data capture & communications	
TouchPrint data capture	<input type="checkbox"/>
TouchPrint Printer	<input type="checkbox"/>
ServiceWatch maintenance logger	<input type="checkbox"/>
DAS (Data Acquisition System)	<input type="checkbox"/>
TracKing? (tracking and load monitoring)	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Load Protection	
TSR-3 standard in-cab display	<input checked="" type="checkbox"/>
Auto phase correction	<input checked="" type="checkbox"/>
SafeGuard battery protection kit	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
Diesel/electric auto switching	<input checked="" type="checkbox"/>
Customization	
TSR-3 premium in-cab display	<input type="checkbox"/>
TSR-3 rear remote control	<input type="checkbox"/>
Flexible hoses	<input checked="" type="checkbox"/>
Electronic Fuel Capture	<input checked="" type="checkbox"/>
Remote Status Light and Combination Display	<input checked="" type="checkbox"/>
Evaporator guard	<input checked="" type="checkbox"/>
Body mount enclosure	<input checked="" type="checkbox"/>
90L fuel tank	<input type="checkbox"/>
Triple Combo Display	<input checked="" type="checkbox"/>
<input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Standard Feature <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



UT-1200 S-3 + S-3

The new benchmark in Undermount Refrigeration

- Whisper-quiet operation
- Low fuel consumption
- Smaller and lighter
- Easy, low-cost installation
- Easier service accessibility
- Advanced TSR-3 controller

Dimensions	Unit	Condenser
Height	628 mm	628 mm
Width	1797 mm	1797 mm
Depth	713 mm	713 mm

Specifications

Compressor	
Model	TK 06 Scroll
Displacement	98 cm ³
Refrigerant Charge	
Charge	4.5 kg
Refrigeration Capacity	
including evaporator	
Capacity on engine power 0°C	11200 W
Capacity on engine power -20°C	6600 W
Capacity on electrical stand by 0°C	8000 W
Capacity on electrical stand by -20°C	5100 W
Generic (Boxlength, Refrigerant, ...)	
Boxlength	7.5 - 9+ m
Refrigerant	R-452A
Airflow	4000 m ³ /hr
Controller	Truck Smart Reefer 3
Airflow	
including evaporator	
Airflow volume @ 0 pa static pressure	4000 m ³ /hr
Discharge velocity - airthrow	9.5 m/sec
Weight	
including evaporator	
Model 50	495 kg
Engine	
Model	TK 376
Rating	14.6 kW
Maintenance Interval	2000 hrs
no. of cylinders/displacement	TK 376U / 3 / 1115 cm ³
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50 -- 230 / 3 / 60
Rating	7.5 kW

Features and Options

Life cost management	
ThermoKare Service contracts	<input type="checkbox"/>
Cycle-Sentry start/stop control system	<input checked="" type="checkbox"/>
EMI 2000 extended maintenance	<input checked="" type="checkbox"/>
Fuel level sensor	<input type="checkbox"/>
Thermo King high performance battery	<input checked="" type="checkbox"/>
Thermo King Energy battery	<input type="checkbox"/>
Premium AGM battery	<input type="checkbox"/>
2-year warranty coverage	<input checked="" type="checkbox"/>
Data capture & communications	
TouchPrint data capture	<input type="checkbox"/>
TouchPrint Printer	<input type="checkbox"/>
ServiceWatch maintenance logger	<input type="checkbox"/>
DAS (Data Acquisition System)	<input type="checkbox"/>
TracKing? (tracking and load monitoring)	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Load Protection	
TSR-3 standard in-cab display	<input checked="" type="checkbox"/>
Auto phase correction	<input checked="" type="checkbox"/>
SafeGuard battery protection kit	<input checked="" type="checkbox"/>
Door switches	<input type="checkbox"/>
Diesel/electric auto switching	<input checked="" type="checkbox"/>
Customization	
TSR-3 premium in-cab display	<input type="checkbox"/>
TSR-3 rear remote control	<input type="checkbox"/>
Flexible hoses	<input checked="" type="checkbox"/>
Electronic Fuel Capture	<input checked="" type="checkbox"/>
Remote Status Light and Combination Display	<input checked="" type="checkbox"/>
Evaporator guard	<input checked="" type="checkbox"/>
Body mount enclosure	<input checked="" type="checkbox"/>
90L fuel tank	<input type="checkbox"/>
Triple Combo Display	<input checked="" type="checkbox"/>
<input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Standard Feature <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



B-100

Specifications

Compressor	
Displacement	47.7 cm3
Number of cylinders	6
Weight	
including battery	
Model 30	47 kg
Model 50	59 kg
Condenser	9 kg
Electrical Stand by Motor	
Voltage / Phase / Frequency	230/1/60

Direct Drive Truck - Single Temperature

Dimensions	Unit	Condenser
Height		242 mm
Width		789 mm
Depth		500 mm

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
TouchPrint data logger	<input checked="" type="checkbox"/>
TracKing? (tracking and load monitoring)	<input type="checkbox"/> <input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Load Protection	
Thermo King GDP PharmaSolutions Package	<input type="checkbox"/> <input checked="" type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
Door switches	<input type="checkbox"/>

☐ Not Available

☐ Option: Factory Supplied

☒ Standard Feature

☒ Option: Dealer Supplied



C-150e

Quality and performance from a global market leader

The Ce-Series provides the ideal solution for operators delivering temperature sensitive cargo in small vehicles. There are four road-only models to suit vehicle bodies up to 34 m3.

- Reliable protection for fresh and frozen cargo
- High volume airflow for boxes up to 34 m3
- Highest cooling capacity in its segment
- New controller for error-free operation
- Full Thermo King service and parts support

Specifications

Compressor	
Model	QP08N
Displacement	131 cm3
Number of cylinders	6
Refrigerant Charge	
Charge	0.62 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	1665 W
Generic (Boxlength, Refrigerant, ...)	
Box volume	12 m3
Refrigerant	R-134a
Airflow	745 m3/hr
Controller	CSR
Defrost	
Defrost	Automatic hot gas defrost
Weight including battery	
Condenser	23 kg
Slimline Evaporator	9 kg
Swash Plate Compressor	6.5 kg

Dimensions	Unit	Condenser
Height	227 mm	227 mm
Width	789 mm	789 mm
Depth	500 mm	500 mm

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input type="checkbox"/>
HMI holder	<input type="checkbox"/>
Kit hoses large (upgrade)	<input type="checkbox"/>
Kit swivel manifold (upgrade)	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
<div> <input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature </div> <div> <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied </div>	



C-250e

Quality and performance from a global market leader

The Ce-Series provides the ideal solution for operators delivering temperature sensitive cargo in small vehicles. There are four road-only models to suit vehicle bodies up to 34 m3.

- Reliable protection for fresh and frozen cargo
- High volume airflow for boxes up to 34 m3
- Highest cooling capacity in its segment
- New controller for error-free operation
- Full Thermo King service and parts support

Specifications

Compressor	
Model	QP13
Displacement	131 cm3
Number of cylinders	6
Refrigerant Charge	
Charge	0.95 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	2255 W
Generic (Boxlength, Refrigerant, ...)	
Box volume	18 m3
Refrigerant	R-134a
Airflow	1100 m3/hr
Controller	CSR
Defrost	
Defrost	Automatic hot gas defrost
Weight including battery	
Condenser	23 kg
Slimline Evaporator	15 kg
Swash Plate Compressor	6.9 kg

Dimensions	Unit	Condenser
Height	227 mm	227 mm
Width	789 mm	789 mm
Depth	500 mm	500 mm

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input type="checkbox"/>
HMI holder	<input type="checkbox"/>
Kit hoses large (upgrade)	<input type="checkbox"/>
Kit swivel manifold (upgrade)	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
<div> <input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature </div> <div> <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied </div>	



C-350e

Quality and performance from a global market leader

The Ce-Series provides the ideal solution for operators delivering temperature sensitive cargo in small vehicles. There are four road-only models to suit vehicle bodies up to 34 m3.

- Reliable protection for fresh and frozen cargo
- High volume airflow for boxes up to 34 m3
- Highest cooling capacity in its segment
- New controller for error-free operation
- Full Thermo King service and parts support

Specifications

Compressor	
Model	QP15
Displacement	146.7 cm3
Number of cylinders	6
Refrigerant Charge	
Charge	1.2 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	2965 W
Generic (Boxlength, Refrigerant, ...)	
Box volume	25 m3
Refrigerant	R-134a
Airflow	1400 m3/hr
Controller	CSR
Defrost	
Defrost	Automatic hot gas defrost
Weight including battery	
Condenser	23 kg
Slimline Evaporator	18 kg
Swash Plate Compressor	6.8 kg

Dimensions	Unit	Condenser
Height	227 mm	227 mm
Width	789 mm	789 mm
Depth	500 mm	500 mm

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input type="checkbox"/>
HMI holder	<input type="checkbox"/>
Kit hoses large (upgrade)	<input type="checkbox"/>
Kit swivel manifold (upgrade)	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
<div> <input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature </div> <div> <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied </div>	



C-450e

Quality and performance from a global market leader

The Ce-Series provides the ideal solution for operators delivering temperature sensitive cargo in small vehicles. There are four road-only models to suit vehicle bodies up to 34 m3.

- Reliable protection for fresh and frozen cargo
- High volume airflow for boxes up to 34 m3
- Highest cooling capacity in its segment
- New controller for error-free operation
- Full Thermo King service and parts support

Specifications

Compressor	
Model	QP16
Displacement	163 cm3
Number of cylinders	6
Refrigerant Charge	
Charge	1.2 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	3315 W
Generic (Boxlength, Refrigerant, ...)	
Box volume	31 m3
Refrigerant	R-134a
Airflow	1650 m3/hr
Controller	CSR
Defrost	
Defrost	Automatic hot gas defrost
Weight including battery	
Condenser	31 kg
Slimline Evaporator	18 kg
Swash Plate Compressor	7.1 kg

Dimensions	Unit	Condenser
Height	213 mm	213 mm
Width	1180 mm	1180 mm
Depth	485 mm	485 mm

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
TouchPrint data logger	<input checked="" type="checkbox"/>
USB data port	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input type="checkbox"/>
HMI holder	<input type="checkbox"/>
Kit hoses large (upgrade)	<input type="checkbox"/>
Kit swivel manifold (upgrade)	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Big)	<input type="checkbox"/>
Harness Extension 2m/4m/6m	<input type="checkbox"/>
<input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature	
<input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



C-150e MAX

Quality and performance from global market leader

The Ce-Series provides the ideal solution for operators delivering temperature sensitive cargo in small vehicles. There are four road-only models to suit vehicle bodies up to 34 m3.

- Reliable protection for fresh and frozen cargo
- High volume airflow for boxes up to 34 m3
- Highest cooling capacity in its segment
- New controller for error-free operation
- Full Thermo King service and parts support

Dimensions	Unit	Condenser
Height	227 mm	227 mm
Width	789 mm	789 mm
Depth	500 mm	500 mm

Specifications

Compressor	
Model	QP08N
Displacement	131 cm3
Number of cylinders	6
Refrigerant Charge	
Charge	0.62 kg
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
Generic (Boxlength, Refrigerant, ...)	
Box volume	8 - 16 m3
Refrigerant	R-404A/R-452A
Airflow	745 m3/hr
Controller	CSR
Defrost	
Defrost	Automatic hot gas defrost
Heating Capacity	
On the road	1900 W
Weight including battery	
Condenser	23 kg
Slimline Evaporator	9 kg
Swash Plate Compressor	6.5 kg

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input type="checkbox"/>
HMI holder	<input type="checkbox"/>
Kit hoses large (upgrade)	<input type="checkbox"/>
Kit swivel manifold (upgrade)	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
<div> <input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature </div> <div> <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied </div>	



C-250e MAX

Quality and performance from global market leader

The Ce-Series provides the ideal solution for operators delivering temperature sensitive cargo in small vehicles. There are four road-only models to suit vehicle bodies up to 34 m3.

- Reliable protection for fresh and frozen cargo
- High volume airflow for boxes up to 34 m3
- Highest cooling capacity in its segment
- New controller for error-free operation
- Full Thermo King service and parts support

Dimensions	Unit	Condenser
Height	227 mm	227 mm
Width	789 mm	789 mm
Depth	500 mm	500 mm

Specifications

Compressor	
Model	QP13
Displacement	131 cm3
Number of cylinders	6
Refrigerant Charge	
Charge	0.95 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	2770 W
Capacity on engine power -20°C	1460 W
Generic (Boxlength, Refrigerant, ...)	
Box volume	13 - 22 m3
Refrigerant	R-404A/R-452A
Airflow	1100 m3/hr
Controller	CSR
Defrost	
Defrost	Automatic hot gas defrost
Heating Capacity	
On the road	2800 W
Weight including battery	
Condenser	23 kg
Slimline Evaporator	15 kg
Swash Plate Compressor	6.9 kg

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input type="checkbox"/>
HMI holder	<input type="checkbox"/>
Kit hoses large (upgrade)	<input type="checkbox"/>
Kit swivel manifold (upgrade)	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Big)	<input checked="" type="checkbox"/>
<div> <input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature </div> <div> <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied </div>	



C-350e MAX

Quality and performance from a global market leader

The Ce-Series provides the ideal solution for operators delivering temperature sensitive cargo in small vehicles. There are four road-only models to suit vehicle bodies up to 34 m3.

- Reliable protection for fresh and frozen cargo
- High volume airflow for boxes up to 34 m3
- Highest cooling capacity in its segment
- New controller for error-free operation
- Full Thermo King service and parts support

Dimensions	Unit	Condenser
Height	227 mm	227 mm
Width	789 mm	789 mm
Depth	500 mm	500 mm

Specifications

Compressor	
Model	QP15
Displacement	146.7 cm3
Number of cylinders	6
Refrigerant Charge	
Charge	1.2 kg
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
Generic (Boxlength, Refrigerant, ...)	
Box volume	17 - 28 m3
Refrigerant	R-404A/R-452A
Airflow	1400 m3/hr
Controller	CSR
Defrost	
Defrost	Automatic hot gas defrost
Heating Capacity	
On the road	3100 W
Weight including battery	
Condenser	23 kg
Slimline Evaporator	18 kg
Swash Plate Compressor	6.8 kg

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input type="checkbox"/>
HMI holder	<input type="checkbox"/>
Kit hoses large (upgrade)	<input type="checkbox"/>
Kit swivel manifold (upgrade)	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Big)	<input type="checkbox"/>
<div> <input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature </div> <div> <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied </div>	



C-450e MAX

Quality and performance from a global market leader

The Ce-Series provides the ideal solution for operators delivering temperature sensitive cargo in small vehicles. There are four road-only models to suit vehicle bodies up to 34 m3.

- Reliable protection for fresh and frozen cargo
- High volume airflow for boxes up to 34 m3
- Highest cooling capacity in its segment
- New controller for error-free operation
- Full Thermo King service and parts support

Dimensions	Unit	Condenser
Height	213 mm	213 mm
Width	1180 mm	1180 mm
Depth	485 mm	485 mm

Specifications

Compressor	
Model	QP16
Displacement	163 cm3
Number of cylinders	6
Refrigerant Charge	
Charge	1.2 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	4430 W
Capacity on engine power -20°C	2335 W
Generic (Boxlength, Refrigerant, ...)	
Box volume	21 - 34 m3
Refrigerant	R-404A/R-452A
Airflow	1650 m3/hr
Controller	CSR
Defrost	
Defrost	Automatic hot gas defrost
Heating Capacity	
On the road	3800 W
Weight including battery	
Condenser	31 kg
Slimline Evaporator	18 kg
Swash Plate Compressor	7.1 kg

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
TouchPrint data logger	<input checked="" type="checkbox"/>
USB data port	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input type="checkbox"/>
HMI holder	<input type="checkbox"/>
Kit hoses large (upgrade)	<input type="checkbox"/>
Kit swivel manifold (upgrade)	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Big)	<input type="checkbox"/>
Harness Extension 2m/4m/6m	<input type="checkbox"/>
<input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature	
<input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



E-200

Specifications

Consumption	
ES 150 - Max Power Capacity	1958 W / 114 A (W) /Current (A)
ES 200 - Max Power Capacity	1744 W / 120 A (W) /Current (A)
ES 100N x ES100N - Capacity	1578 W / 120 A (W) /Current (A)
ES 150 - Min Power Capacity	1259 W / 71 A (W) /Current (A)
ES 200 - Min Power Capacity	1121 W / 75 A (W) /Current (A)
ES 100N x ES100N - Min Power Capacity	1014 W / 75 A (W) /Current (A)
Refrigeration Capacity: Individual Cooling Capacity	
Capacity on engine power ES150 0°C (W)	1507 W
Capacity on engine power ES200 0°C (W)	1414 W
Capacity on electrical stand by ES150 0°C (W)	1511 W
Capacity on electrical stand by ES200 0°C (W)	1413 W
Refrigerant Charge	
Charge	1.31 kg
Generic (Boxlength, Refrigerant, ...)	
Refrigerant	R-134a
Controller	DSR-IV
Airflow	
including battery	
ES150	800 m3/hr
ES200	1012 m3/hr
Weight	
Condenser	39 kg
Evaporator ES150 MAX	14 kg
Evaporator ES200 MAX	15 kg
Electrical Stand by Motor	
Voltage / Phase / Frequency	1 ph / 230V / 50Hz, 1 ph / 230V / 60Hz, 1 ph / 115V / 60Hz

Direct Drive Truck - Single Temperature

Dimensions	Unit	Condenser
Height		221 mm
Width		1180 mm
Depth		535 mm

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
2-year warranty coverage	<input checked="" type="checkbox"/>
Data capture & communications	
Tracking (tracking and load monitoring)	<input type="checkbox"/>
USB Datalogger	<input checked="" type="checkbox"/>
Load Protection	
Hold-over functionality	<input checked="" type="checkbox"/>
Start/Stop and Increased Idle Speed Functionality	<input checked="" type="checkbox"/>
Variable Speed Compressor	<input checked="" type="checkbox"/>
Tailor Made Inverter	<input checked="" type="checkbox"/>
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
Harness Extension 2m/4m/6m	<input type="checkbox"/>
Door switches	<input type="checkbox"/>

☐ Not Available

☐ Option: Factory Supplied

☒ Standard Feature

☒ Option: Dealer Supplied



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

Dimensions	Unit	Condenser
Height	242 mm	242 mm
Width	789 mm	789 mm
Depth	500 mm	500 mm

Specifications

Compressor	
Model	QP08N
Displacement	131 cm ³
Number of cylinders	6
Refrigerant Charge	
Charge	V-100 10: 0.62 -- V-100 20: 1.0 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	1665 W
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
Generic (Boxlength, Refrigerant, ...)	
Box volume	5 - 12 m ³
Refrigerant	R-134a
Airflow	745 m ³ /hr
Controller	DSR III
Defrost	
Defrost	Automatic hot gas defrost
Weight including battery	
Slimline Evaporator	9 kg
Installation kit	24 kg
Condenser w/o electric stand-by	25 kg
Condenser with electric stand-by	43 kg
Swash Plate Compressor	6.5 kg
Electrical Stand by Motor	
Voltage / Phase / Frequency	230/1/50
Rating	1.6 kW

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Hose extension 2 m/4 m/6 m	<input type="checkbox"/>
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
Snow Cover (kit deflector Big)	<input type="checkbox"/>
Harness Extension 2m/4m/6m	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
<input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



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

Dimensions	Unit	Condenser
Height	242 mm	242 mm
Width	789 mm	789 mm
Depth	500 mm	500 mm

Specifications

Compressor	
Model	QP08N
Displacement	131 cm ³
Number of cylinders	6
Refrigerant Charge	
Charge	10/30: 0.62 -- 20: 1 -- 50: 1.2 kg
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
Generic (Boxlength, Refrigerant, ...)	
Box volume	8 - 16 m ³
Refrigerant	R-404A/R-452A
Airflow	745 m ³ /hr
Controller	DSR III
Defrost	
Defrost	Automatic hot gas defrost
Heating Capacity	
On the road	1900 W
Electric Stand By Operation	1100 W
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

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Hose extension 2 m/4 m/6 m	<input type="checkbox"/>
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
Snow Cover (kit deflector Big)	<input type="checkbox"/>
Harness Extension 2m/4m/6m	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
<input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Standard Feature <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



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

Dimensions	Unit
Height	221 mm
Width	1180 mm
Depth	485 mm

Specifications

Compressor	
Model	QP13
Displacement	131 cm ³
Number of cylinders	6
Refrigerant Charge	
Charge	10: 1.0 -- 20: 1.1 kg
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
Generic (Boxlength, Refrigerant, ...)	
Box volume	9 - 18 m ³
Refrigerant	R-134a
Airflow	1100 m ³ /hr
Controller	DSR III
Defrost	
Defrost	Automatic hot gas defrost
Weight including battery	
Model 30	25 kg
Model 50	75 kg
Installation kit	24 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

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Hose extension 2 m/4 m/6 m	<input type="checkbox"/>
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
Snow Cover (kit deflector Big)	<input type="checkbox"/>
Harness Extension 2m/4m/6m	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
<input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature	
<input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



V-200s MAX

Dimensions	Unit	Condenser
Height	242 mm	242 mm
Width	789 mm	789 mm
Depth	500 mm	500 mm

Specifications

Compressor	
Model	QP08N
Displacement	131 cm ³
Refrigerant Charge	
Charge	1.1 kg
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
Generic (Boxlength, Refrigerant, ...)	
Box volume	10 - 19 m ³
Refrigerant	R-404A/R-452A
Airflow	1000 m ³ /hr
Controller	DSR III
Heating Capacity	
On the road	2200 W
Electric Stand By Operation	1300 W
Weight	
including battery	
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

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Hose extention 2 m/4 m/6 m	<input type="checkbox"/>
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
<div> <input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature </div> <div> <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied </div>	



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

Dimensions	Unit
Height	221 mm
Width	1180 mm
Depth	485 mm

Specifications

Compressor	
Model	QP13
Displacement	131 cm ³
Number of cylinders	6
Refrigerant Charge	
Charge	10/30: 1.0 -- 20/50: 1.2 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	2770 W
Capacity on engine power -20°C	1460 W
Capacity on electrical stand by 0°C	1970 W
Capacity on electrical stand by -20°C	1130 W
Generic (Boxlength, Refrigerant, ...)	
Box volume	13 - 22 m ³
Refrigerant	R-404A/R-452A
Airflow	1100 m ³ /hr
Controller	DSR III
Defrost	
Defrost	Automatic hot gas defrost
Heating Capacity	
On the road	2800 W
Electric Stand By Operation	2050 W
Weight including battery	
Model 30	25 kg
Model 50	75 kg
Installation kit	24 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

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Hose extension 2 m/4 m/6 m	<input type="checkbox"/>
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
Snow Cover (kit deflector Big)	<input type="checkbox"/>
Harness Extension 2m/4m/6m	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
<input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Standard Feature <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



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

Dimensions	Unit
Height	221 mm
Width	1180 mm
Depth	485 mm

Specifications

Compressor	
Model	QP15
Displacement	146.7 cm ³
Number of cylinders	6
Refrigerant Charge	
Charge	10: 1.1 -- 20: 1.35 kg
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
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
Weight including battery	
Model 30	25 kg
Model 50	75 kg
Installation kit	24 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

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Hose extension 2 m/4 m/6 m	<input type="checkbox"/>
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
Snow Cover (kit deflector Big)	<input type="checkbox"/>
Harness Extension 2m/4m/6m	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
<input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature	
<input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



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

Dimensions	Unit
Height	221 mm
Width	1180 mm
Depth	485 mm

Specifications

Compressor	
Model	QP15
Displacement	146.7 cm ³
Number of cylinders	6
Refrigerant Charge	
Charge	10/30: 1.1 -- 20/50: 1.35 kg
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
Generic (Boxlength, Refrigerant, ...)	
Box volume	17 - 28 m ³
Refrigerant	R-404A/R-452A
Airflow	1400 m ³ /hr
Controller	DSR III
Defrost	
Defrost	Automatic hot gas defrost
Heating Capacity	
On the road	3100 W
Electric Stand By Operation	2250 W
Weight including battery	
Model 30	25 kg
Model 50	75 kg
Installation kit	24 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

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Hose extension 2 m/4 m/6 m	<input type="checkbox"/>
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
Snow Cover (kit deflector Big)	<input type="checkbox"/>
Harness Extension 2m/4m/6m	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
<input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



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

Dimensions	Unit	Condenser
Height	448 mm	448 mm
Width	1339 mm	1339 mm
Depth	475 mm	475 mm

Specifications

Compressor	
Model	QP16
Displacement	163 cm ³
Number of cylinders	6
Refrigerant Charge	
Charge	10: 2.0 -- 20: 2.2 kg
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
Generic (Boxlength, Refrigerant, ...)	
Box volume	13 - 30 m ³
Refrigerant	R-134a
Airflow	2200 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	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

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Hose extension 2 m/4 m/6 m	<input type="checkbox"/>
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
Snow Cover (kit deflector Big)	<input type="checkbox"/>
Harness Extension 2m/4m/6m	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
<input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature	
<input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



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

Dimensions	Unit	Condenser
Height	448 mm	448 mm
Width	1339 mm	1339 mm
Depth	475 mm	475 mm

Specifications

Compressor	
Model	QP16
Displacement	163 cm ³
Number of cylinders	6
Refrigerant Charge	
Charge	10: 2.1 -- 20/30: 2.2 -- 50: 2.3 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	4890 W
Capacity on engine power -20°C	2630 W
Capacity on electrical stand by 0°C	4215 W
Capacity on electrical stand by -20°C	1830 W
Generic (Boxlength, Refrigerant, ...)	
Box volume	25 - 42 m ³
Refrigerant	R-404A/R-452A
Airflow	2200 m ³ /hr
Controller	DSR III
Defrost	
Defrost	Automatic hot gas defrost
Heating Capacity	
On the road	3600 W
Electric Stand By Operation	3120 W
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

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Hose extension 2 m/4 m/6 m	<input type="radio"/>
Bumper feet roof mounting	<input checked="" type="radio"/>
HMI holder	<input checked="" type="radio"/>
Kit hoses large (upgrade)	<input checked="" type="radio"/>
Kit swivel manifold (upgrade)	<input checked="" type="radio"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="radio"/>
Snow Cover (kit deflector Big)	<input type="radio"/>
Harness Extension 2m/4m/6m	<input type="radio"/>
Door switches	<input type="checkbox"/>
<input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature	
<input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



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.

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

Dimensions	Unit	Condenser
Height	448 mm	448 mm
Width	1339 mm	1339 mm
Depth	475 mm	475 mm

Specifications

Compressor	
Number of cylinders	6/163
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
Generic (Boxlength, Refrigerant, ...)	
Box volume	30 - 48 m3
Refrigerant	R-404A/R-452A
Airflow	2580 m3/hr
Controller	DSR III
Weight Electric Control Module	125 kg
Defrost	
Defrost	Automatic hot gas defrost
Heating Capacity	
On the road	4000 W
Electric Stand By Operation	3200 W
Weight	
including battery	
Condenser w/o electric stand-by	53 kg
Condenser with electric stand-by	125 kg
Evaporator ES600 MAX	28 kg
Electrical Stand by Motor	
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
Rating	6.4 kW

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
<input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature <input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



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

Dimensions	Unit	Condenser
Height	448 mm	448 mm
Width	1339 mm	1339 mm
Depth	475 mm	475 mm

Specifications

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
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
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
Heating Capacity	
On the road	4000 W
Electric Stand By Operation	3200 W
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

Features and Options

Life cost management	
ThermoKare Service contracts	<input type="checkbox"/>
Data capture & communications	
USB Datalogger	<input type="checkbox"/>
TKDL Datalogger	<input type="checkbox"/>
Wintrac (data analysis software)	<input type="checkbox"/>
Datalogger Jr	<input type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
<input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature	
<input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



V-800

The most powerful vehicle powered range

The V-800 Series from Thermo King comprises two-piece split units designed for fresh, frozen and deep frozen applications on trucks. The road compressor is powered by the vehicle's engine and the electric stand-by compressor is powered by an electric motor. The V-800 Series is equipped with a new swash plate compressor and range of drive kits for ease of installation.

- New swash plate compressor for ease of installation
- Most powerful range in both cooling and heating modes
- User friendly and advanced controller: Direct Smart Reefer
- Environmentally friendly
- Superior performance
- A full range available

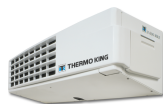
Specifications

Compressor	
Model	QP21
Displacement	215 cm ³
Number of cylinders	10
Refrigerant Charge	
Charge	10: 4.55 -- 20: 4.85 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	5175 W
Capacity on electrical stand by 0°C	4920 W
Generic (Boxlength, Refrigerant, ...)	
Box volume	44 m ³
Refrigerant	R-134a
Airflow	2680 m ³ /hr
Controller	DSR III
Defrost	
Defrost	Automatic hot gas defrost
Weight	
including battery	
Condenser w/o electric stand-by	100 kg
Condenser with electric stand-by	160 kg
Evaporator	35 kg
Swash Plate Compressor	8.5 kg
Electrical Stand by Motor	
Voltage / Phase / Frequency	400/3/50 -- 400/3/60 -- 230/3/50 -- 230/3/60
Rating	8.2 kW

Dimensions	Unit	Condenser
Height	458 mm	458.7 mm
Width	1592 mm	1592 mm
Depth	523 mm	523 mm

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Hose extension 2 m/4 m/6 m	<input type="checkbox"/>
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
Snow Cover (kit deflector Big)	<input type="checkbox"/>
Harness Extension 2m/4m/6m	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
<input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature	
<input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



V-800 MAX

The most powerful vehicle powered range

The V-800 Series from Thermo King comprises two-piece split units designed for fresh, frozen and deep frozen applications on trucks. The road compressor is powered by the vehicle's engine and the electric stand-by compressor is powered by an electric motor. The V-800 Series is equipped with a new swash plate compressor and range of drive kits for ease of installation.

- New swash plate compressor for ease of installation
- Most powerful range in both cooling and heating modes
- User friendly and advanced controller: Direct Smart Reefer
- Environmentally friendly
- Superior performance
- A full range available

Dimensions	Unit	Condenser
Height	458.7 mm	458.7 mm
Width	1592 mm	1592 mm
Depth	523 mm	523 mm

Specifications

Compressor	
Model	QP21
Displacement	215 cm ³
Number of cylinders	10
Refrigerant Charge	
Charge	10/30: 4.7 -- 20/50: 5 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power 0°C	7790 W
Capacity on engine power -20°C	4160 W
Capacity on electrical stand by 0°C	7030 W
Capacity on electrical stand by -20°C	3795 W
Generic (Boxlength, Refrigerant, ...)	
Box volume	42 - 54 m ³
Refrigerant	R-404A/R-452A
Airflow	2680 m ³ /hr
Controller	DSR III
Defrost	
Defrost	Automatic hot gas defrost
Heating Capacity	
On the road	7030 W
Electric Stand By Operation	6450 W
Weight including battery	
Condenser w/o electric stand-by	100 kg
Condenser with electric stand-by	160 kg
Evaporator	35 kg
Swash Plate Compressor	8.5 kg
Electrical Stand by Motor	
Voltage / Phase / Frequency	400/3/50 -- 400/3/60 -- 230/3/50 -- 230/3/60
Rating	8.2 kW

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Hose extention 2 m/4 m/6 m	<input type="checkbox"/>
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
Snow Cover (kit deflector Big)	<input type="checkbox"/>
Harness Extension 2m/4m/6m	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
<input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature	
<input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



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

Specifications

Refrigeration Capacity: Individual Cooling Capacity	
Capacity on engine power ES100 MAX 0°C	2670 W
Capacity on engine power ES100 MAX -20°C	1450 W
Capacity on electrical stand by ES100 MAX 0°C	2195 W
Capacity on electrical stand by ES100 MAX -20°C	1125 W
Compressor	
Model	QP13
Displacement	131 cm3
Number of cylinders	6
Refrigerant Charge	
Charge	1.35 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power -20°C	1750 W
Capacity on engine power ES100 MAX+ES100 MAX -20°C	1750 W
Capacity on electrical stand by -20°C	1170 W
Capacity on electrical stand by ES100 MAX+ES100 MAX -20°C	1170 W
Generic (Boxlength, Refrigerant, ...)	
Box volume	12 m3
Refrigerant	R-404A/R-452A
Airflow	695 m3/hr
Controller	DSR III
Defrost	
Defrost	Automatic hot gas defrost
Heating Capacity	
On the road	2800 W
Electric Stand By Operation	2050 W
Airflow	
on high speed engine operation	
ES100+ES100	695 m3/hr
Weight	
including battery	
Condenser w/o electric stand-by	25 kg
Condenser with electric stand-by	75 kg
Swash Plate Compressor	6.9 kg
Evaporator ES100 MAX	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	3.8 kW

Dimensions	Unit
Height	221 mm
Width	1180 mm
Depth	535 mm

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Hose extention 2 m/4 m/6 m	<input type="checkbox"/>
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
Snow Cover (kit deflector Big)	<input type="checkbox"/>
Harness Extension 2m/4m/6m	<input type="checkbox"/>
Door switches	<input type="checkbox"/>

☐ Not Available ☒ Standard Feature

☐ Option: Factory Supplied ☒ Option: Dealer Supplied



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

Specifications

Refrigeration Capacity: Individual Cooling Capacity		
Capacity on engine power ES150 MAX 0°C		2895 W
Capacity on engine power ES150 MAX -20°C		1625 W
Capacity on engine power ES100 MAX 0°C		2685 W
Capacity on engine power ES100 MAX -20°C		1540 W
Capacity on engine power ES200 MAX 0°C		2940 W
Capacity on engine power ES200 MAX -20°C		1585 W
Capacity on electrical stand by ES150 MAX 0°C		2340 W
Capacity on electrical stand by ES150 MAX -20°C		1240 W
Capacity on electrical stand by ES100 MAX 0°C		2205 W
Capacity on electrical stand by ES100 MAX -20°C		1145 W
Capacity on electrical stand by ES200 MAX 0°C		2480 W
Capacity on electrical stand by ES200 MAX -20°C		1180 W
Compressor		
Model		QP15
Displacement		146.7 cm3
Number of cylinders		6
Refrigerant Charge		
Charge		30: 1.55 -- 50: 1.6 kg
Refrigeration Capacity		
System net cooling capacity under A.T.P. conditions at 30 °C ambient		
Capacity on engine power ES150 MAX+ES150 MAX -20°C		2150 W
Capacity on engine power ES150 MAX+ES100 MAX -20°C		2150 W
Capacity on engine power ES200 MAX+ES100 MAX -20°C		1870 W
Capacity on electrical stand by ES150 MAX+ES150 MAX -20°C		1380 W
Capacity on electrical stand by ES150 MAX+ES100 MAX -20°C		1415 W
Capacity on electrical stand by ES200 MAX+ES100 MAX -20°C		1315 W
Generic (Boxlength, Refrigerant, ...)		
Box volume		16 m3
Refrigerant		R-404A/R-452A
Airflow		890 m3/hr
Controller		DSR III
Host Unit Electric Standby		
AC Voltage/Phase/Cycles (system voltage)		230/1/50 -- 230/1/60 -- 400/3/50 -- 230/3/50 -- 230/3/60
Defrost		
Defrost		Automatic hot gas defrost
Heating Capacity		
On the road		3100 W
Electric Stand By Operation		2250 W
Airflow		
on high speed engine operation		
ES200+ES100		1210 + 770 m3/hr
ES150+ES150		2 x 890 m3/hr
ES150+ES100		890 + 765 m3/hr
Weight		
including battery		
Model 30		25 kg
Model 50		75 kg
Installation kit		24 kg
Evaporator ES150 MAX		12.5 kg
Swash Plate Compressor		6.8 kg
Evaporator ES100 MAX		9 kg
Evaporator ES200 MAX		15 kg
Electrical Stand by Motor		
Voltage / Phase / Frequency		230/1/50 -- 230/1/60 -- 400/3/50 -- 230/3/50 -- 230/3/60
Rating		3.8 kW

Dimensions	Unit
Height	221 mm
Width	1180 mm
Depth	535 mm

Features and Options

Life cost management	
ThermoKare Service contracts	<input type="checkbox"/>
Data capture & communications	
USB Datalogger	<input type="checkbox"/>
TouchPrint data logger	<input type="checkbox"/>
Wintrac (data analysis software)	<input type="checkbox"/>
Datalogger Jr	<input type="checkbox"/>
Load Protection	
Hose extension 2 m/4 m/6 m	<input type="checkbox"/>
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
Snow Cover (kit deflector Big)	<input type="checkbox"/>
Harness Extension 2m/4m/6m	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
<input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature	
<input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



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

Dimensions	Unit	Condenser
Height	448 mm	448 mm
Width	475 mm	1339 mm
Depth	1339 mm	475 mm

Specifications

Refrigeration Capacity: Individual Cooling Capacity		
Capacity on engine power ES500 MAX 0°C		4630 W
Capacity on engine power ES500 MAX -20°C		2380 W
Capacity on engine power ES150 MAX 0°C		2925 W
Capacity on engine power ES150 MAX -20°C		1410 W
Capacity on engine power 2 X ES150 MAX 0°C		3974 W
Capacity on engine power 2 X ES150 MAX -20°C		1970 W
Capacity on engine power ES300 MAX 0°C		3585 W
Capacity on engine power ES300 MAX -20°C		1850 W
Capacity on engine power ES100 MAX 0°C		2300 (ES100n) W
Capacity on engine power ES100 MAX -20°C		1290 (ES100n) W
Capacity on electrical stand by ES500 MAX 0°C		4085 W
Capacity on electrical stand by engine power ES500 MAX -20°C		2020 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

Compressor		
Model		QP16
Displacement		163 cm3
Number of cylinders		6

Refrigerant Charge		
Charge		model 30 = 2.4 kg and model 50 = 2.5 kg kg

Refrigeration Capacity		
System net cooling capacity under A.T.P. conditions at 30 °C ambient		
Capacity on engine power -20°C		2290 W
Capacity on engine power ES300 MAX+ES300 MAX -20°C		2290 W
Capacity on engine power ES300 MAX+ES150 MAX -20°C		2290 W
Capacity on engine power ES300 MAX+2xES150 MAX -20°C		2290 W
Capacity on electrical stand by -20°C		1920 W
Capacity on electrical stand by ES300 MAX+ES300 MAX -20°C		1920 W
Capacity on electrical stand by ES300 MAX+ES150 MAX -20°C		1920 W
Capacity on electrical stand by ES300 MAX+2xES150 MAX -20°C		1920 W

Generic (Boxlength, Refrigerant, ...)		
Box volume		22 m3
Refrigerant		R-404A/R-452A
Airflow		1185 m3/hr
Controller		DSR III

Defrost		
Defrost		Automatic hot gas defrost

Heating Capacity		
On the road		3600 W
Electric Stand By Operation		3120 W

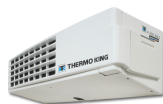
Airflow		
on high speed engine operation		
ES300+2XES150		1185+(2x700) m3/hr
ES300+ES150		1185+700 m3/hr
ES300+ES300		2x1185 m3/hr

Weight		
including battery		
Condenser w/o electric stand-by		53 kg
Condenser with electric stand-by		125 kg
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

Electrical Stand by Motor		
Voltage / Phase / Frequency		400/3/50 --230/3/50 -- 230/3/60 -- 230/1/50 -- 230/1/60 --380/3/60
Rating		6.4 (400/3/50) kW

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Hose extension 2 m/4 m/6 m	<input type="radio"/>
Bumper feet roof mounting	<input checked="" type="radio"/>
HMI holder	<input checked="" type="radio"/>
Kit swivel manifold (upgrade)	<input checked="" type="radio"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="radio"/>
Snow Cover (kit deflector Big)	<input type="radio"/>
Harness Extension 2m/4m/6m	<input type="radio"/>
Door switches	<input type="checkbox"/>
<div><div><input type="radio"/> Not Available</div><div><input checked="" type="radio"/> Standard Feature</div></div>	
<div><div><input type="checkbox"/> Option: Factory Supplied</div><div><input checked="" type="checkbox"/> Option: Dealer Supplied</div></div>	



V-800 MAX Spectrum

Superior temperature control

This V-800 MAX Spectrum unit completes the Thermo King multi-temp application offering. It is the most powerful unit in the V-Series Spectrum platform and it is appropriate for trucks up to seven metres long. It offers a choice of three different evaporator configurations (ES400 + ES400, ES600 + 2 x ES150 and ES600 + ES150) to address a variety of customer application and to meet the requirements of two big compartment boxes, be it transversal or longitudinal configurations alike. The V-800 MAX Spectrum is the right alternative for city distribution in big trucks up to 7 metres body lengths.

Dimensions	Unit	Condenser
Height	458.7 mm	458.7 mm
Width	1592 mm	1592 mm
Depth	523 mm	523 mm

Specifications

Refrigeration Capacity: Individual Cooling Capacity	
Capacity on engine power ES400 MAX 0°C	5740 W
Capacity on engine power ES400 MAX -20°C	3300 W
Capacity on engine power ES600 MAX 0°C	6765 W
Capacity on engine power ES600 MAX -20°C	3460 W
Capacity on engine power ES150 MAX 0°C	3975 W
Capacity on engine power ES150 MAX -20°C	2270 W
Capacity on engine power 2 X ES150 MAX 0°C	5640 W
Capacity on engine power 2 X ES150 MAX -20°C	2995 W
Capacity on electrical stand by ES400 MAX 0°C	5300 W
Capacity on electrical stand by ES400 MAX -20°C	3010 W
Capacity on electrical stand by ES600 MAX 0°C	6305 W
Capacity on electrical stand by ES600 MAX -20°C	3110 W
Capacity on electrical stand by ES150 MAX 0°C	3850 W
Capacity on electrical stand by ES150 MAX -20°C	2165 W
Capacity on electrical stand by 2 X ES150 MAX 0°C	5045 W
Capacity on electrical stand by 2 X ES150 MAX -20°C	2705 W
Compressor	
Model	QP21
Displacement	215 cm ³
Number of cylinders	10
Refrigerant Charge	
Charge	ES400+ES400: 5.2 -- ES600+ES150: 5.0 -- ES600+2XES150: 5.15 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 °C ambient	
Capacity on engine power -20°C	4395 W
Capacity on engine power ES400 MAX+ES400 MAX -20°C	4395 W
Capacity on engine power ES600 MAX+ES150MAX -20°C	3850 W
Capacity on engine power ES600 MAX+2 X ES150MAX -20°C	4300 W
Capacity on electrical stand by -20°C	3595 W
Capacity on electrical stand by ES400 MAX+ES400 MAX -20°C	3595 W
Capacity on electrical stand by ES600 MAX+ES150MAX -20°C	3385 W
Capacity on electrical stand by ES600 MAX+2 X ES150MAX -20°C	3595 W
Generic (Boxlength, Refrigerant, ...)	
Box volume	40 m ³
Refrigerant	R-404A/R-452A
Airflow	1760 m ³ /hr
Controller	DSR III
Defrost	
Defrost	Automatic hot gas defrost
Heating Capacity	
On the road	4500 W
Electric Stand By Operation	4000 W
Airflow	
on high speed engine operation	
ES400+ES400	1760x2 m ³ /hr
ES600 MAX+ES150MAX	2260+890 m ³ /hr
ES600 MAX++2XES150MAX	2260+(2x890) m ³ /hr
Weight	
including battery	
Condenser w/o electric stand-by	100 kg
Condenser with electric stand-by	160 kg
Evaporator ES600 MAX	28 kg
Evaporator ES400 MAX	20 kg
Evaporator 2 X ES150 MAX	25 kg
Evaporator ES150 MAX	12.5 kg
Swash Plate Compressor	8.5 kg
Electrical Stand by Motor	
Voltage / Phase / Frequency	400/3/50 -- 230/3/50 --400/3/60 -- 230/3/60
Rating	8.2 kW

Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Hose extension 2 m/4 m/6 m	<input type="checkbox"/>
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>
Snow Cover (kit deflector Big)	<input type="checkbox"/>
Harness Extension 2m/4m/6m	<input type="checkbox"/>
Door switches	<input type="checkbox"/>
<input type="radio"/> Not Available <input checked="" type="radio"/> Standard Feature	
<input type="checkbox"/> Option: Factory Supplied <input checked="" type="checkbox"/> Option: Dealer Supplied	



CT-10

Clean, silent and efficient refrigeration.

- Lowest environmental impact
- Ideal for distribution services
- Extreme low noise: PIEK certified
- Precise temperature control

Dimensions	Unit
Height	
Width	
Depth	

Specifications

Refrigeration Capacity

System net cooling capacity under A.T.P. conditions at 30 °C ambient

Capacity on vehicle power/electric standby S-2 CT 0°C	5800 W
Capacity on vehicle power/electric standby S-2 CT -20°C	5200 W
Capacity on vehicle power/electric standby S-3 CT 0°C	8800 W
Capacity on vehicle power/electric standby S-3 CT -20°C	7800 W

Generic (Boxlength, Refrigerant, ...)

Boxlength	Up to 9 m
Airflow	1360 - 2040 m3/hr
Controller	Smart Reefer 3
Weight Electric Control Module	49 kg
Weight Tank 330L	171 kg
Weight Tank 330L + CO2	544 kg
Weight Tank 430L	207 kg
Weight Tank 430L + CO2	696 kg
Heating capacity per evaporator	5650 - 6850 W

Host Unit Electric Standby

AC Voltage/Phase/Cycles (system voltage)	380/3/50 -- 230/3/50 -- 230/1/60 (12v)
--	---

Refrigerant: Recycled Liquid CO2, R-744

Charge, 330L Tank	Maximum 373 kg
Charge, 430L Tank	Maximum 489 kg

Sample Zone Configuration

ZONE 1 Evaporator	S-2 CT
ZONE 1 Cooling Capacity	5800 W
ZONE 1 EVAPORATOR	1360 W

Airflow

on high speed engine operation

Airflow volume @ 0 pa static pressure S-2 CT	1360 m3/hr
Airflow volume @ 0 pa static pressure S-3 CT	2040 m3/hr
Discharge velocity - airthrow S-2 CT	9.1 m3/hr
Discharge velocity - airthrow S-3 CT	9.1 m3/hr

Features and Options

○ Not Available ● Standard Feature

□ Option: Factory Supplied ■ Option: Dealer Supplied



CT-10 SPECTRUM

Clean, silent and efficient refrigeration.

- Lowest environmental impact
- Ideal for distribution services
- Extreme low noise: PIEK certified
- Precise temperature control

Dimensions	Unit
Height	
Width	
Depth	

Specifications

Refrigeration Capacity

System net cooling capacity under A.T.P. conditions at 30 °C ambient

Capacity on vehicle power/electric standby S-2 CT 0°C	5800 W
Capacity on vehicle power/electric standby S-2 CT -20°C	5200 W
Capacity on vehicle power/electric standby S-3 CT 0°C	8800 W
Capacity on vehicle power/electric standby S-3 CT -20°C	7800 W

Generic (Boxlength, Refrigerant, ...)

Boxlength	Up to 9 m
Airflow	1360 - 4080 m ³ /hr
Controller	Smart Reefer 3
Weight Electric Control Module	49 kg
Weight Tank 330L	171 kg
Weight Tank 330L + CO ₂	544 kg
Weight Tank 430L	207 kg
Weight Tank 430L + CO ₂	696 kg
Heating capacity per evaporator	5650 - 6850 W

Host Unit Electric Standby

AC Voltage/Phase/Cycles (system voltage)	380/3/50 -- 230/3/50 -- 230/1/60 (12v)
--	---

Refrigerant: Recycled Liquid CO₂, R-744

Charge, 330L Tank	Maximum 373 kg
Charge, 430L Tank	Maximum 489 kg

Sample Zone Configuration

ZONE 1 Evaporator	S-2 CT
ZONE 1 Cooling Capacity	5800 W
ZONE 1 EVAPORATOR	1360 W
ZONE 2 Evaporator	S-3 CT
ZONE 2 Cooling Capacity	8800 W
ZONE 2 EVAPORATOR	2040 W

Airflow

on high speed engine operation

Airflow volume @ 0 pa static pressure S-2 CT	1360 m ³ /hr
Airflow volume @ 0 pa static pressure S-3 CT	2040 m ³ /hr
Discharge velocity - airthrow S-2 CT	9.1 m ³ /hr
Discharge velocity - airthrow S-3 CT	9.1 m ³ /hr

Electrical Stand by Motor

Voltage / Phase / Frequency	400/3/50 -- 230/3/50
-----------------------------	----------------------

Features and Options

○ Not Available ● Standard Feature

☐ Option: Factory Supplied ☒ Option: Dealer Supplied



CT-15

Clean, silent and efficient refrigeration.

- Lowest environmental impact
- Ideal for distribution services
- Extreme low noise: PIEK certified
- Precise temperature control

Dimensions	Unit
Height	
Width	
Depth	

Specifications

Refrigeration Capacity

System net cooling capacity under A.T.P. conditions at 30 °C ambient

Capacity on vehicle power/electric standby S-2 CT 0°C	5800 W
Capacity on vehicle power/electric standby S-2 CT -20°C	5200 W
Capacity on vehicle power/electric standby S-3 CT 0°C	8800 W
Capacity on vehicle power/electric standby S-3 CT -20°C	7800 W

Generic (Boxlength, Refrigerant, ...)

Boxlength	Up to 13 m
Airflow	1360 - 2040 m ³ /hr
Controller	Smart Reefer 3
Weight Electric Control Module	145 kg
Weight Tank 330L	171 kg
Weight Tank 330L + CO ₂	544 kg
Weight Tank 430L	207 kg
Weight Tank 430L + CO ₂	696 kg
Heating capacity per evaporator	5650 - 8650 W

Refrigerant: Recycled Liquid CO₂, R-744

Charge, 330L Tank	Maximum 373 kg
Charge, 430L Tank	Maximum 489 kg

Sample Zone Configuration

ZONE 1 Evaporator	S-3 CT
ZONE 1 Cooling Capacity	8800 W
ZONE 1 EVAPORATOR	2040 W

Airflow

on high speed engine operation

Airflow volume @ 0 pa static pressure S-2 CT	1360 m ³ /hr
Airflow volume @ 0 pa static pressure S-3 CT	2040 m ³ /hr
Discharge velocity - airthrow S-2 CT	9.1 m ³ /hr
Discharge velocity - airthrow S-3 CT	9.1 m ³ /hr

Features and Options

☐ Not Available

☒ Standard Feature

☐ Option: Factory Supplied

☒ Option: Dealer Supplied



CT-15 SPECTRUM

Clean, silent and efficient refrigeration.

- Lowest environmental impact
- Ideal for distribution services
- Extreme low noise: PIEK certified
- Precise temperature control

Dimensions	Unit
Height	
Width	
Depth	

Specifications

Refrigeration Capacity

System net cooling capacity under A.T.P. conditions at 30 °C ambient

Capacity on vehicle power/electric standby S-2 CT 0°C	5800 W
Capacity on vehicle power/electric standby S-2 CT -20°C	5200 W
Capacity on vehicle power/electric standby S-3 CT 0°C	8800 W
Capacity on vehicle power/electric standby S-3 CT -20°C	7800 W

Generic (Boxlength, Refrigerant, ...)

Boxlength	Up to 13 m
Airflow	1360 - 6120 m3/hr
Controller	Smart Reefer 3
Weight Electric Control Module	145 kg
Weight Tank 330L	171 kg
Weight Tank 330L + CO2	544 kg
Weight Tank 430L	207 kg
Weight Tank 430L + CO2	696 kg
Heating capacity per evaporator	5650 -8650 W

Host Unit Electric Standby

AC Voltage/Phase/Cycles (system voltage)	380/3/50 -- 230/3/50 -- 115/1/60 (12v)
--	---

Refrigerant: Recycled Liquid CO2, R-744

Charge, 330L Tank	Maximum 373 kg
Charge, 430L Tank	Maximum 489 kg

Sample Zone Configuration

ZONE 1 Evaporator	S-2 CT
ZONE 1 Cooling Capacity	5800 W
ZONE 1 EVAPORATOR	1360 W
ZONE 2 Evaporator	S-3 CT
ZONE 2 Cooling Capacity	8800 W
ZONE 2 EVAPORATOR	2040 W
ZONE 3 Evaporator	S-3 CT
ZONE 3 Cooling Capacity	8800 W
ZONE 3 EVAPORATOR	2040 W

Airflow

on high speed engine operation

Airflow volume @ 0 pa static pressure S-2 CT	1360 m3/hr
Airflow volume @ 0 pa static pressure S-3 CT	2040 m3/hr
Discharge velocity - airthrow S-2 CT	9.1 m3/hr
Discharge velocity - airthrow S-3 CT	9.1 m3/hr

Electrical Stand by Motor

Voltage / Phase / Frequency	400/3/50 -- 230/3/50
-----------------------------	----------------------

Features and Options

☐ Not Available

☒ Standard Feature

☐ Option: Factory Supplied

☒ Option: Dealer Supplied



Thermo King – by Trane Technologies (NYSE: TT), a global climate innovator – is a worldwide leader in sustainable transport temperature control solutions. Thermo King has been providing transport temperature control solutions for a variety of applications, including trailers, truck bodies, buses, air, shipboard containers and railway cars since 1938.

For further information, please visit:
europe.thermoking.com

Find your nearest dealer on
dealers.thermoking.com

TRANE
TECHNOLOGIES