





Rating

Sound Pressure Level
High Speed Diesel

Electric Standby

A-360

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 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 3000 hrs Maintenance Interval Number of cylinders Capacity 2,1 L **Electrical Stand by Motor** 400/3/50 Voltage / Phase / Frequency 460/3/60

Features and Options		
Lit	fe cost management	
Fuel consumption monitoring	0	
Fuel level sensor		
Fuel filtration and priming system		
Premium AGM battery		
2-year warranty coverage		
EMI 3000: Extended maintenance interval		
Data cantur	e & communications	
TracKing - 2 Years Contract	e & communications	
Trailer Assist EBS Harness		
ServiceLog maintenance logger		
ComplianceLog data logger		
TouchLog independent data logger		
Wintrac (data analysis software)		
USB data port		
oss auta 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		
Diesel/ electric auto switching		
	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)		
O Not Available	Standard Feature	
По.: г. с	Option: Dealer	
Option: Factory Supplied	Supplied	

9.3 kW

65 dB(A)

64 dB(A)





High Speed Diesel

Electric Standby

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 5000 m3/hr Down 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 3000 hrs Maintenance Interval Number of cylinders 2,1 L L Capacity **Electrical Stand by Motor** 400/3/50 Voltage / Phase / Frequency 460/3/60 9.3 kW Rating **Sound Pressure Level**

65 dB(A)

64 dB(A)

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 TracKing - 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 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) Fuel Tank (Plastic 230L or Aluminium 190L) Secured 3rd Party accessories power connection (from Q4 2020) Fuel Tombo Display (Fuel, Alarms, Temperature indications) Not Available Standard Feature Option: Dealer Supplied	Feat	ures and Options
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Temperature indications) O Not Available Standard Feature Option: Factory Supplied Option: Dealer		
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	Option: Factory Supplied	•





A-500

Dimensions	Unit
Height	2270 mm
Width	2076 mm
Depth	440 mm

Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 $^{\circ}\text{C}$ 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 9.3 kW
Rating	9.3 KW
Sound Pressure Level	67 1711
High Speed Diesel	67 dB(A)
Electric Standby	64 dB(A)

Features and Option		
	fe 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 captur	e & communications	
TracKing - 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	•	
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)		
D 11 1 100 1	Ease of Use	
Proactive alarm notifications		
Triple Combo Display (Fuel, Alarms,		
Temperature indications)		
O Not Available	Standard Feature	
_	Option: Dealer	
Option: Factory Supplied	Supplied	
	Sapplied	



Electrical Stand by Motor

Voltage / Phase / Frequency

Rating

SLXi-200

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

Specifications	
Compressor	
Model	X430 C5
Displacement	492 cm3
Refrigerant Charge	
Charge	5 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions ambient	at 30 °C
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

400 / 3 / 50

9.3 kW

tures and Option		
	Feat	
ife cost management		
	Fuel level sensor	
	Premium AGM battery	
	2-year warranty coverage	
	EMI 3000: Extended maintenance interval	
	Elvii 3000. Exterided mainteriaries interval	
re & communications	Data captui	
	TouchPrint Printer	
	ServiceWatch maintenance logger	
	TouchPrint data logger	
	TracKing? (tracking and load monitoring)	
	Wintrac (data analysis software)	
	USB data port	
Load Protection		
	Air Chute	
_	Discharge Air Control Freeze protection	
	OptiSet Plus pre-set operating parameters	
	Door switches	
	Diesel/Electric Auto Switching + Auto Phase	
	Correction	
Customization		
	Snow Kit dealer fitted	
	Tail lift battery charger	
	Whisper kit acoustic	
_	Protection bars (ships in multiples of 3)	
_	Low voltage disconnect	
	Solar Panel	
	Fuel Tank (Plastic 230L or Aluminium 190L)	
	Shock Protection Bars	
_	SHOCK Flotection bars	
Ease of Use		
	Kit Drop Down HMI	
	Rear remote control SR-3	
	Status light	
	Triple Combo Display (Fuel, Alarms,	
	Temperature indications)	
	Fuel filtration and priming system	
_	O Not Available	



REMOKING MANAGEMENT OF THE PROPERTY OF THE PRO

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

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

Compressor	V422.65
Model	X430 C5
Displacement	492 cm3
Refrigerant Charge	
Charge	5 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. condition ambient	s at 30 °C
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
Conside (Boulementh Deficience	
Generic (Boxlength, Refrigerant,)	15 m
Boxlength	
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 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
Model 50	kg) kg
Model 50	793 (Whisper option + 85
Middel 50	kg) kg
Engine	
Model	TK 486V
Rating	17.9 kW
Maintenance Interval	3000 hrs
	3000 1113
Electrical Stand by Motor	
	400 / 3 / 50 9.3 kW

Feat	tures and Options
	ife cost management
Fuel level sensor	ire cost illallagellelit
Premium AGM battery	
,	
2-year warranty coverage EMI 3000: Extended maintenance interval	
EIVII 3000: Extended maintenance interval	
	re & communications
TouchPrint Printer	
ServiceWatch maintenance logger	
TouchPrint data logger	
TracKing? (tracking and load monitoring)	
Wintrac (data analysis software)	
USB data port	
	Load Protection
Thermo King GDP PharmaSolutions Package	Load Protection
OptiSet™ Plus	
•	
Produce Protection Plus (ETV & Temperature Modulation)	•
Air Chute	
Discharge Air Control Freeze protection	
OptiSet Plus pre-set operating parameters	
Door switches	
Diesel/Electric Auto Switching + Auto Phase	
Correction	
	Customization
Snow Kit dealer fitted	
Tail lift battery charger	
Whisper kit acoustic	
Protection bars (ships in multiples of 3)	
Low voltage disconnect	
Solar Panel	
Fuel Tank (Plastic 230L or Aluminium 190L)	
Shock Protection Bars	
	F
V: D D	Ease of Use
Kit Drop Down HMI	
Rear remote control SR-3	
Status light	
Triple Combo Display (Fuel, Alarms,	
Temperature indications)	
Fuel filtration and priming system	
O Not Available	Standard Feature
Option: Factory Supplied	Option: Dealer
	Supplied



THERMO KING

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

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

Compressor	
Model	X430 C5
Displacement	492 cm3
Refrigerant Charge	
Charge	5.5 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. condambient	litions at 30 °C
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 m3/hı
Airflow volume in fully loaded trailer	5100 m3/hi
Discharge velocity - airthrow	16 m/sec
Weight	
including battery	
Model 30	737 (Whisper option + 85
	kg) kg
Model 50	792 (Whisper option + 85 kg) kg
Engine	
Engine Model	TK 486V
	17.9 kW
Rating	
Maintenance Interval	3000 hrs
Electrical Stand by Motor	400 10 100
Voltage / Phase / Frequency	400 / 3 / 50
Rating	9.3 kW

Feat	ures and Options
L.	ife cost management
Fuel level sensor	
Premium AGM battery	
2-year warranty coverage	
EMI 3000: Extended maintenance interval	
LIVII 3000. Exterided maintenance interval	
Data captui	re & communications
TouchPrint Printer	
ServiceWatch maintenance logger	
TouchPrint data logger	
TracKing? (tracking and load monitoring)	
Wintrac (data analysis software)	
USB data port	
·	
TI W 600 01 5 1 1 5 1	Load Protection
Thermo King GDP PharmaSolutions Package	
Produce Protection Plus (ETV & Temperature	
Modulation)	
Air Chute	
Discharge Air Control Freeze protection	
OptiSet Plus pre-set operating parameters	
Door switches	
Diesel/Electric Auto Switching + Auto Phase	
Correction	
	Customization
Snow Kit dealer fitted	Custollization
Tail lift battery charger	
Whisper kit acoustic	
Protection bars (ships in multiples of 3)	
Low voltage disconnect	
Solar Panel	
Fuel Tank (Plastic 230L or Aluminium 190L)	
	Ease of Use
Kit Drop Down HMI	
Rear remote control SR-3	
Status light	
3	
Triple Combo Display (Fuel, Alarms,	
Temperature indications)	
Fuel filtration and priming system	
O Not Available	Standard Feature
Option: Factory Supplied	Option: Dealer Supplied



THERMO KING

Electrical Stand by Motor Voltage / Phase / Frequency

Rating

SLXi SPECTRUM

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

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 a ambient	t 30 °C
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

400 / 3 / 50

9.3 kW

Feat	tures and Options
	ife cost management
Precision Temperature Control (PTC)	
Fuel level sensor	
Premium AGM battery	
2-year warranty coverage	
EMI 3000: Extended maintenance interval	
Data cantu	re & communications
TouchPrint Printer	e & communications
ServiceWatch maintenance logger	
33	
TouchPrint data logger TracKing? (tracking and load monitoring)	
3 . 3	
Wintrac (data analysis software)	
USB data port	
	Load Protection
Host Zone Null	
Thermo King GDP PharmaSolutions Package	
Produce Protection Plus (ETV & Temperature	
Modulation)	
Air Chute	
Discharge Air Control Freeze protection	
Door switches	
Diesel/Electric Auto Switching + Auto Phase	
Correction	
	Customization
Snow Kit dealer fitted	
Tail lift battery charger	
Whisper kit acoustic	
Protection bars (ships in multiples of 3)	
Low voltage disconnect	
Solar Panel	
Fuel Tank (Plastic 230L or Aluminium 190L)	
Evaporator guard	
-	
Kit Drop Down HMI	Ease of Use
Rear remote control SR-3	
Status light	
Triple Combo Display (Fuel, Alarms,	
Tiple Combo Display (Fuel, Alams, Temperature indications)	
Fuel filtration and priming system	
O Not Available	Standard Feature
_	Option: Dealer
Option: Factory Supplied	Supplied





SLXi-300 Whisper Pro

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

Specifications	
Refrigeration Capacity High Speed	
Capacity on engine power 0°C	16500
Capacity on engine power -20°C	9400
P. Change of the DICK As also	
Refrigeration Capacity PIEK Mode Capacity on engine power 0°C	10800
Capacity on engine power -20°C	6500
1 7 3 1	
Compressor	V420.65
Model	X430 C5 492 cm3
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	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,)	15
Boxlength	15 m R-452A
Refrigerant Controller	
Controller	Smart Reefer 3
Pull down	
+20°C to -20°C (min)	130
Heating Capacity	
On the road	12000 W
0.1 0.10 1000	12000 11
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	822 kg
Model 50	878 kg
Engine	TI/ 400 /
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

tures and Option ife cost managemen	
ife cost managemen	
	_
	Fuel level sensor
	Premium AGM battery
	2-year warranty coverage
	EMI 3000: Extended maintenance interval
re & communication	
	TouchPrint Printer
	ServiceWatch maintenance logger
	TouchPrint data logger
	TracKing? (tracking and load monitoring)
	Wintrac (data analysis software)
	USB data port
Load Protection	TI W CDDDI CLU D
	Thermo King GDP PharmaSolutions Package
	OptiSet™ Plus
	Produce Protection Plus (ETV & Temperature
	Modulation)
Ш	Air Chute
	Discharge Air Control Freeze protection
_	OptiSet Plus pre-set operating parameters
	Door switches
	Diesel/Electric Auto Switching + Auto Phase
	Correction
Customization	
Customization	Snow Kit dealer fitted
Customization	Tail lift battery charger
Customization	Tail lift battery charger Whisper kit acoustic
Customizatio	Tail lift battery charger
Customization	Tail lift battery charger Whisper kit acoustic
Customization	Tail lift battery charger Whisper kit acoustic Protection bars (ships in multiples of 3)
Customization	Tail lift battery charger Whisper kit acoustic Protection bars (ships in multiples of 3) Low voltage disconnect
Customization	Tail lift battery charger Whisper kit acoustic Protection bars (ships in multiples of 3) Low voltage disconnect Solar Panel
	Tail lift battery charger Whisper kit acoustic Protection bars (ships in multiples of 3) Low voltage disconnect Solar Panel
	Tail lift battery charger Whisper kit acoustic Protection bars (ships in multiples of 3) Low voltage disconnect Solar Panel Fuel Tank (Plastic 230L or Aluminium 190L)
	Tail lift battery charger Whisper kit acoustic Protection bars (ships in multiples of 3) Low voltage disconnect Solar Panel Fuel Tank (Plastic 230L or Aluminium 190L) Kit Drop Down HMI
	Tail lift battery charger Whisper kit acoustic Protection bars (ships in multiples of 3) Low voltage disconnect Solar Panel Fuel Tank (Plastic 230L or Aluminium 190L) Kit Drop Down HMI Rear remote control SR-3 Status light
	Tail lift battery charger Whisper kit acoustic Protection bars (ships in multiples of 3) Low voltage disconnect Solar Panel Fuel Tank (Plastic 230L or Aluminium 190L) Kit Drop Down HMI Rear remote control SR-3 Status light Triple Combo Display (Fuel, Alarms,
	Tail lift battery charger Whisper kit acoustic Protection bars (ships in multiples of 3) Low voltage disconnect Solar Panel Fuel Tank (Plastic 230L or Aluminium 190L) Kit Drop Down HMI Rear remote control SR-3 Status light
	Tail lift battery charger Whisper kit acoustic Protection bars (ships in multiples of 3) Low voltage disconnect Solar Panel Fuel Tank (Plastic 230L or Aluminium 190L) Kit Drop Down HMI Rear remote control SR-3 Status light Triple Combo Display (Fuel, Alarms, Temperature indications)



THERMOKING THERMOKING

SLXi SPECTRUM Whisper Pro

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

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	0.5.1
Charge	9.5 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at ambient	30 °C
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	5000 2.4
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	0441
Model 50	844 kg
Model 50	900 kg
Engine Model	TK 486V
Rating	17.9 kW
Maintenance Interval	3000 hrs
	SUUU IIIS
Electrical Stand by Motor Voltage / Phase / Frequency	400 / 3 / 50
Rating	9.3 kW
nating	J.J KVV

res and Options	East
ires and Options	reat
e cost management	
	Precision Temperature Control (PTC)
	Fuel level sensor
	Premium AGM battery
	2-year warranty coverage
•	EMI 3000: Extended maintenance interval
& communications	Data cantu
: & 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
•	Produce Protection Plus (ETV & Temperature
	Modulation)
	Air Chute
	Discharge Air Control Freeze protection
	Door switches
	Diesel/Electric Auto Switching + Auto Phase
	Correction
	Correction
Customization	
	Snow Kit dealer fitted
	Tail lift battery charger
	Whisper kit acoustic
	Protection bars (ships in multiples of 3)
	Low voltage disconnect
	Solar Panel
i i	Fuel Tank (Plastic 230L or Aluminium 190L)
	Evaporator quard
	Evaporator guard
Ease of Use	
	Kit Drop Down HMI
	Rear remote control SR-3
	Status light
	Triple Combo Display (Fuel, Alarms,
	Temperature indications)
	Fuel filtration and priming system
Standard Feature	O Not Available
Option: Dealer	Option: Factory Supplied
Supplied	







T-560R

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

- Proven performance up to 55 $\hat{A}^{\circ}C$
- As tough as the conditions it works in
- Full Thermo King service and parts support
- $\boldsymbol{\cdot}$ 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

X214 Deep Sump

370 (Whisper option +17)

400 (Whisper option +17)

TK 270V / 2 / 570 cm3

400 / 3 / 50 -- 230 / 3 /

50 -- 230 / 3 / 60

kg

TK 270 7.5 kW

1000 hrs

4.5 kW

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

Specifications

Compressor Model

Model 30

Model 50

Engine Model

Rating

Rating

Maintenance Interval

no. of cylinders/displacement **Electrical Stand by Motor**

Voltage / Phase / Frequency

Displacement	228 cm3
Refrigerant Charge	
Charge	2.5 kg
Deficientian Consists	
Refrigeration Capacity System net cooling capacity under A.T.P. conditi	ions at 30 °C
ambient	10113 41 30 C
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 m3/hr
Controller	Truck Smart Reefer 3
Airflow	
on high speed engine operation	
Airflow volume @ 0 pa static pressure	2150 m3/hr
Discharge velocity - airthrow	5.5 m/sec
Weight	
including battery	
menaumy succes,	

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







Rating

T-600R

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	919 mm
Depth		919 mm	1887 mm

Specifications Compressor X214 Model Displacement 228 cm3 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, ...) 5.5 - 6 m Boxlength Refrigerant R-404A/R-452A Airflow 2700 m3/hr Controller Truck Smart Reefer 3 Airflow on high speed engine operation 2700 m3/hr Airflow volume @ 0 pa static pressure 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 2000 hrs Maintenance Interval TK 370 / 3 / 855 cm3 no. of cylinders/displacement **Electrical Stand by Motor** 400 / 3 / 50 -- 230 / 3 / Voltage / Phase / Frequency

50 -- 230 / 3 / 60

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







Voltage / Phase / Frequency

Rating

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 X214 Model Displacement 228 cm3 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, ...) 6.5 - 7.5 m Boxlength Refrigerant R-404A/R-452A Airflow 2700 m3/hr Controller Truck Smart Reefer 3 Airflow on high speed engine operation 2700 m3/hr Airflow volume @ 0 pa static pressure Discharge velocity - airthrow 5.2 m/sec including battery 444 (Whisper option +17) Model 30 477 (Whisper option +17) Model 50 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**

400 / 3 / 50 -- 230 / 3 /

50 -- 230 / 3 / 60

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







Rating

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 X426 C5 Model Refrigerant Charge 3.4 kg Charge Refrigeration Capacity System net cooling capacity under A.T.P. conditions at 30 °C ambient 9600 W Capacity on engine power 0°C 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 m3/hr Controller Truck Smart Reefer 3 on high speed engine operation Airflow volume @ 0 pa static pressure 3200 m3/hr 6.2 m/sec Discharge velocity - airthrow Weight including battery 457 (Whisper option +17) Model 30 514 (Whisper option +17) Model 50 kg Engine TK 376 Model Rating 14.6 kW Maintenance Interval 2000 hrs TK 376 / 3 / 1115 cm3 no. of cylinders/displacement **Electrical Stand by Motor** 400 / 3 / 50 -- 230 / 3 / Voltage / Phase / Frequency 50 -- 230 / 3 / 60

Feat	cures and Options
i cui	ures and options
L	ife cost management
ThermoKare Service contracts	
Cycle-Sentry start/stop control system	
EMI 2000 extended maintenance	
Fuel level sensor	
Thermo King high performance battery	
Thermo King Energy battery	
Premium AGM battery	
2-year warranty coverage	
Data captu	re & communications
TouchPrint data capture	
TouchPrint Printer	
ServiceWatch maintenance logger	
DAS (Data Acquisition System)	
TracKing? (tracking and load monitoring)	
Wintrac (data analysis software)	
	Load Protection
TSR-3 standard in-cab display	
Heater Bar Kit	
Water Heater	0
Auto phase correction	
SafeGuard battery protection kit	
Door switches	
Diesel/electric auto switching	
	Customization
TSR-3 premium in-cab display	
Whisper noise attenuating kit	
TSR-3 rear remote control	
Electronic Fuel Capture	
Hose management kit	
Solar Panel	
Body mount enclosure	
90L fuel tank	
Triple Combo Display	
O Not Available	Standard Feature
Option: Factory Supplied	Option: Dealer Supplied
	Supplied







Electrical Stand by Motor

Voltage / Phase / Frequency

Rating

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 X430 C5 Refrigerant Charge Charge 3.8 kg Refrigeration Capacity System net cooling capacity under A.T.P. conditions at 30 °C ambient 12500 W Capacity on engine power 0°C 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 on high speed engine operation Airflow volume @ 0 pa static pressure 3300 m3/hr 6.4 m/sec Discharge velocity - airthrow Weight including battery 460 (Whisper option +17) Model 30 517 (Whisper option +17) Model 50 kg Engine TK 376 Model Rating 14.6 kW Maintenance Interval 2000 hrs TK 376 / 3 / 1115 cm3 no. of cylinders/displacement

400 /3 /50 -- 230 / 3 / 50

-- 230 / 3 / 60

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

•	
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. condit ambient	tions at 30 °C
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	6.2. 1220 6.2. 1000
Airflow volume @ 0 pa static pressure	S-2 = 1320, S-3 = 1980 m3/hr
Discharge velocity - airthrow	9.5 m/sec
·	·
Weight including battery	
Model 30	357 kg
Model 50	389 kg
Engine Model	TV 270
Rating	TK 370
Maintenance Interval	2000 hrs
no. of cylinders/displacement	TK 370 / 3 / 855 cm3
Electrical Stand by Motor	
The state of the s	
	400 / 3 / 50 230 / 3 /
Voltage / Phase / Frequency	400 / 3 / 50 230 / 3 / 50 230 / 3 / 60 4.5 kW

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

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	D 4044 F 0C D 4524
Charge	R-404A = 5.86; R-452A = 6.1 kg
	0.1 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditio ambient	ons at 30 °C
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
	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 - 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 cm3
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 / 3 / 50 230 / 3 /
	50 230 / 3 / 60
Rating	7.5 kW

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

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

•	
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. conditical	ons at 30 °C
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
	m3/hr
Controller	Truck Smart Reefer 3
Airflow	
on high speed engine operation	6.2, 1220, 6.2, 1000
Airflow volume @ 0 pa static pressure	S-2 = 1320, S-3 = 1980 m3/hr
Discharge velocity - airthrow	9.5 m/sec
,	5.5, 500
Weight including battery	
Model 30	377 kg
Model 50	436 kg
E. alba	,
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	
	400 / 3 / 50 230 / 3 /
Voltage / Phase / Frequency	
Voltage / Phase / Frequency Rating	50 230 / 3 / 60 7.5 kW

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

Airriow	
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



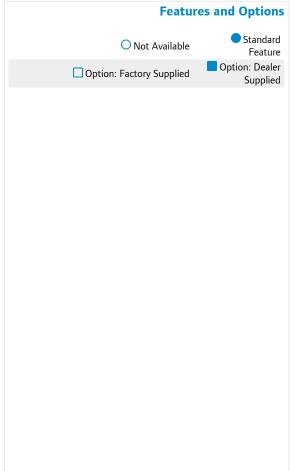




T-1200R Intermodal

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

Compressor	
Model	X430 C5
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 ambient) °C
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 7.5 kW
Rating	7.5 kW





Self Powered Truck - Undermount Single Temperature



UT-800 / ES-800

The new benchmark in Undermount Refrigeration

- · Whisper-quiet operation
- Low fuel consumption
 Smaller and lighter
- $\bullet \ \mathsf{Easy}, \, \mathsf{low\text{-}cost} \ \mathsf{installation}$
- · Easier service accessibility
- · Advanced TSR-3 controller

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

TK 06 Scroll
98 cm3
4 kg
9300 W
5300 W
7500 W
4500 W
6.5 - 7.5 m
R-452A
Truck Smart Reefer 3
2640 m3/hr
2640 m3/hr 6.5 m/sec
·
·
·
6.5 m/sec 493 kg
6.5 m/sec 493 kg TK 376
6.5 m/sec 493 kg TK 376 14.6 kW
6.5 m/sec 493 kg TK 376 14.6 kW 2000 hrs
6.5 m/sec 493 kg TK 376 14.6 kW
6.5 m/sec 493 kg TK 376 14.6 kW 2000 hrs TK 376U / 3 / 1115 cm3
6.5 m/sec 493 kg TK 376 14.6 kW 2000 hrs TK 376U / 3 / 1115 cm3
6.5 m/sec 493 kg TK 376 14.6 kW 2000 hrs TK 376U / 3 / 1115 cm3

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



Self Powered Truck - Undermount Multi Temperature



UT SPECTRUM

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

Compressor	
Model	TK 06 Scroll
Refrigeration Capacity	
System net cooling capacity under A.T.P. c	onditions 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
	3-3 + 3-2 = 0030 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 +
Contactises	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	200 / 2 / 60 222 / 2 /
Voltage / Phase / Frequency	200 / 3 / 60 230 / 3 / 50 230 / 3 / 60 400 /
voltage / Filase / Trequency	3 / 50
	2 / 20

Features and Options	
	ife cost management
ThermoKare Service contracts	
Cycle-Sentry start/stop control system	
Fuel level sensor	
Thermo King high performance battery	
Thermo King Energy battery	ň
Premium AGM battery	Ī
2-year warranty coverage	
Data captu	re & communications
TouchPrint data capture	
TouchPrint Printer	
ServiceWatch maintenance logger	
DAS (Data Acquisition System)	
TracKing? (tracking and load monitoring)	
Wintrac (data analysis software)	
	1 15 1 1
TCD 2 standard in cab display	Load Protection
TSR-3 standard in-cab display	
Auto phase correction Door switches	
Diesel/electric auto switching	
Diesel/ circuite auto switching	
	Customization
TSR-3 premium in-cab display	
TSR-3 rear remote control	
Flexible hoses	
Electronic Fuel Capture	
Remote Status Light and Combination Display	
Evaporator guard	
Body mount enclosure	
90L fuel tank	
Safeguard - dealer fitted	
Triple Combo Display	
O Not Available	Standard Feature
Option: Factory Supplied	Option: Dealer Supplied



Self Powered Truck - Undermount Single Temperature



Rating

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 cm3 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, ...) 7.5 - 9+ m Boxlength Refrigerant R-452A Airflow 3350 m3/hr Truck Smart Reefer 3 Controller Airflow including battery Airflow volume @ 0 pa static pressure 3350 m3/hr Discharge velocity - airthrow 6.6 m/sec including evaporator Model 50 495 kg Engine Model TK 376 Rating 14.6 kW Maintenance Interval 2000 hrs TK 376U / 3 / 1115 cm3 no. of cylinders/displacement **Electrical Stand by Motor** 400 / 3 / 50 -- 230 / 3 / Voltage / Phase / Frequency 60

1.0	_		
ures and Options	Fea		
fe cost management	L. Company		
	ThermoKare Service contracts		
	Cycle-Sentry start/stop control system		
	EMI 2000 extended maintenance		
	Fuel level sensor		
	Thermo King high performance battery		
	Thermo King Energy battery		
	Premium AGM battery		
	2-year warranty coverage		
re & communications	Data captu		
	TouchPrint data capture		
	TouchPrint Printer		
	ServiceWatch maintenance logger		
	DAS (Data Acquisition System)		
	TracKing? (tracking and load monitoring)		
	Wintrac (data analysis software)		
Load Protection	TCD 2		
	TSR-3 standard in-cab display		
	Auto phase correction		
	SafeGuard battery protection kit		
	Door switches		
	Diesel/electric auto switching		
Customization			
	TSR-3 premium in-cab display		
	TSR-3 rear remote control		
	Flexible hoses		
	Electronic Fuel Capture		
	Remote Status Light and Combination Display		
	Evaporator guard		
_	Body mount enclosure		
	90L fuel tank		
	Triple Combo Display		
Standard Feature	O Not Available		



Self Powered Truck - Undermount Single Temperature



UT-1200 S-3 + S-3

The new benchmark in Undermount Refrigeration

- · Whisper-quiet operation
- Low fuel consumption
 Smaller and lighter
- $\bullet \ \mathsf{Easy}, \, \mathsf{low\text{-}cost} \ \mathsf{installation}$
- · 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

Compressor	
Model	TK 06 Scroll
Displacement	98 cm3
Displacement	30 (11)
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 m3/h
Controller	Truck Smart Reefer 3
Airflow	
including evaporator	
Airflow volume @ 0 pa static pressure	4000 m3/h
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
3	

Life cost management		
ThermoKare Service contracts Cycle-Sentry start/stop control system EMI 2000 extended maintenance Fuel level sensor Thermo King high performance battery Thermo King Energy battery Premium AGM battery 2-year warranty coverage Data capture & communications TouchPrint data capture TouchPrint Printer ServiceWatch maintenance logger DAS (Data Acquisition System) TracKing? (tracking and load monitoring) Wintrac (data analysis software) TSR-3 standard in-cab display Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Sunplied Option: Dealer	Fea	tures and Options
ThermoKare Service contracts Cycle-Sentry start/stop control system EMI 2000 extended maintenance Fuel level sensor Thermo King high performance battery Thermo King Energy battery Premium AGM battery 2-year warranty coverage Data capture & communications TouchPrint data capture TouchPrint Printer ServiceWatch maintenance logger DAS (Data Acquisition System) TracKing? (tracking and load monitoring) Wintrac (data analysis software) TSR-3 standard in-cab display Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Sunplied Option: Dealer		ifo cost management
Cycle-Sentry start/stop control system EMI 2000 extended maintenance Fuel level sensor Thermo King high performance battery Thermo King Energy battery Premium AGM battery 2-year warranty coverage Data capture & communications TouchPrint data capture TouchPrint Printer ServiceWatch maintenance logger DAS (Data Acquisition System) TracKing? (tracking and load monitoring) Wintrac (data analysis software) Load Protection TSR-3 standard in-cab display Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Sunplied Option: Dealer		The Cost management
EMI 2000 extended maintenance Fuel level sensor Thermo King high performance battery Thermo King Energy battery Premium AGM battery 2-year warranty coverage Data capture & communications TouchPrint data capture TouchPrint Printer ServiceWatch maintenance logger DAS (Data Acquisition System) TracKing? (tracking and load monitoring) Wintrac (data analysis software) Load Protection TSR-3 standard in-cab display Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Sunplied Standard Feature Option: Dealer		
Fuel level sensor Thermo King high performance battery Thermo King Energy battery Premium AGM battery 2-year warranty coverage Data capture & communications TouchPrint data capture TouchPrint Printer ServiceWatch maintenance logger DAS (Data Acquisition System) TracKing? (tracking and load monitoring) Wintrac (data analysis software) Load Protection TSR-3 standard in-cab display Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Supplied Standard Feature Option: Dealer	, , , , ,	
Data capture & communications TouchPrint data capture TouchPrint Printer ServiceWatch maintenance logger DAS (Data Acquisition System) TracKing? (tracking and load monitoring) Wintrac (data analysis software) Load Protection TSR-3 standard in-cab display Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Ontion: Factory Supplied Standard Feature Option: Dealer		
Data capture & communications TouchPrint data capture TouchPrint Printer ServiceWatch maintenance logger DAS (Data Acquisition System) TracKing? (tracking and load monitoring) Wintrac (data analysis software) Load Protection TSR-3 standard in-cab display Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Standard Feature Option: Factory Supplied Option: Dealer	Thermo King high performance battery	
Data capture & communications TouchPrint data capture TouchPrint Printer ServiceWatch maintenance logger DAS (Data Acquisition System) TracKing? (tracking and load monitoring) Wintrac (data analysis software) Load Protection TSR-3 standard in-cab display Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Standard Feature Option: Factory Supplied Option: Dealer	3 3 .	
Data capture & communications TouchPrint data capture TouchPrint Printer ServiceWatch maintenance logger DAS (Data Acquisition System) TracKing? (tracking and load monitoring) Wintrac (data analysis software) Load Protection TSR-3 standard in-cab display Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Standard Feature Option: Factory Supplied Option: Dealer	Premium AGM battery	
TouchPrint data capture TouchPrint Printer ServiceWatch maintenance logger DAS (Data Acquisition System) TracKing? (tracking and load monitoring) Wintrac (data analysis software) Load Protection TSR-3 standard in-cab display Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Supplied Option: Dealer	2-year warranty coverage	
TouchPrint data capture TouchPrint Printer ServiceWatch maintenance logger DAS (Data Acquisition System) TracKing? (tracking and load monitoring) Wintrac (data analysis software) Load Protection TSR-3 standard in-cab display Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Supplied Option: Dealer	· · ·	
TouchPrint Printer ServiceWatch maintenance logger DAS (Data Acquisition System) TracKing? (tracking and load monitoring) Wintrac (data analysis software) Load Protection TSR-3 standard in-cab display Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Supplied Option: Dealer	<u> </u>	re & communications
ServiceWatch maintenance logger DAS (Data Acquisition System) TracKing? (tracking and load monitoring) Wintrac (data analysis software) Load Protection TSR-3 standard in-cab display Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Supplied Option: Dealer	·	
DAS (Data Acquisition System) TracKing? (tracking and load monitoring) Wintrac (data analysis software) Load Protection TSR-3 standard in-cab display Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Supplied Option: Dealer	Todom mic i mico.	
TracKing? (tracking and load monitoring) Wintrac (data analysis software) Load Protection TSR-3 standard in-cab display Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Standard Feature Option: Factory Supplied	33	
Wintrac (data analysis software) Load Protection TSR-3 standard in-cab display Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Supplied Option: Dealer		<u>_</u>
TSR-3 standard in-cab display Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Ontion: Factory Supplied Option: Dealer	3 . 3	
TSR-3 standard in-cab display Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Ontion: Factory Supplied Option: Dealer	Wintrac (data analysis software)	
TSR-3 standard in-cab display Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Ontion: Factory Supplied Option: Dealer		Load Protection
Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Ontion: Factory Supplied Option: Dealer	TSR-3 standard in-cab display	
Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Supplied		
Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Supplied	SafeGuard battery protection kit	
Customization TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Supplied	Door switches	
TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Supplied	Diesel/electric auto switching	
TSR-3 premium in-cab display TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Supplied		
TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Supplied Option: Dealer		Customization
Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Supplied		
Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Supplied Electronic Fuel Capture Standard Feature Option: Dealer		Ц
Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Supplied		
Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display Not Available Option: Factory Supplied Evaporator guard Standard Feature Option: Dealer		
Body mount enclosure 90L fuel tank Triple Combo Display Not Available Standard Feature Option: Factory Supplied		
90L fuel tank Triple Combo Display Not Available Standard Feature Option: Factory Supplied Option: Dealer	, ,	
Triple Combo Display Ontion: Factory Supplied Option: Dealer	,	
Ontion: Factory Supplied Option: Dealer		
Ontion: Factory Supplied Option: Dealer	Triple Combo Display	
I I ODDOD: ESCLOR SUDDILEG .	O Not Available	Standard Feature
TODIOD, ESCLOIA SUDDILEG .		Option: Dealer
	Uption: Factory Supplied	•



Direct Drive Truck - Single Temperature



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

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

Features and Options

Life cost management	
ThermoKare Service contracts	
Data capture & communications	
TouchPrint data logger	
TracKing? (tracking and load monitoring	g) 🗆 🗖
Wintrac (data analysis software)	
	1
Load Protection	
Thermo King GDP PharmaSolutions Pac	kage
Din Adapter	
Hose Cover	
Snow Cover (kit deflector Small)	
Door switches	
O Not Available	Standard Feature
<u> </u>	
Option: Factory Supplied	Option: Dealer Supplied







Slimline Evaporator

Swash Plate Compressor

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.

- $\boldsymbol{\cdot}$ 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	Conde	nser
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 **Refrigerant Charge** Charge 0.62 kg **Refrigeration Capacity** System net cooling capacity under A.T.P. conditions at 30 °C ambient 1665 W Capacity on engine power 0°C Generic (Boxlength, Refrigerant, ...) Box volume 12 m3 Refrigerant R-134a Airflow 745 m3/hr Controller CSR Defrost Automatic hot gas defrost Defrost Weight including battery Condenser 23 kg

9 kg

6.5 kg

Features and Options		
	Life cost management	
ThermoKare Service contracts		
Data canti	ıre & communications	
USB Datalogger	Tre di communicacions	
TouchPrint data logger		
Datalogger Jr		
Dummer fort as of meaning	Load Protection	
Bumper feet roof mounting HMI holder		
Kit hoses large (upgrade)		
Kit swivel manifold (upgrade)	Ü	
Hose Cover		
Muffler kit		
Snow Cover (kit deflector Small)		
O Not Available	Standard Feature	
Option: Factory Supplied	Option: Dealer Supplied	







Condenser Slimline Evaporator

Swash Plate Compressor

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

Dimensions	Unit	Conde	nser
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 **Refrigerant Charge** Charge 0.95 kg **Refrigeration Capacity** System net cooling capacity under A.T.P. conditions at 30 °C ambient 2255 W Capacity on engine power 0°C Generic (Boxlength, Refrigerant, ...) Box volume 18 m3 Refrigerant R-134a Airflow 1100 m3/hr Controller CSR Defrost Automatic hot gas defrost Defrost Weight including battery 23 kg

15 kg

6.9 kg

Features and Options		
	Life cost management	
ThermoKare Service contracts		
Data captı	re & communications	
USB Datalogger		
TouchPrint data logger		
Datalogger Jr		
	Load Protection	
Bumper feet roof mounting	Loud 1 Total City	
HMI holder	ū	
Kit hoses large (upgrade)	ī	
Kit swivel manifold (upgrade)		
Hose Cover		
Muffler kit		
Snow Cover (kit deflector Small)		
O Not Available	Standard Feature	
Option: Factory Supplied	Option: Dealer Supplied	







Slimline Evaporator

Swash Plate Compressor

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

Dimensions	Unit	Condens	ser
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 **Refrigerant Charge** Charge 1.2 kg **Refrigeration Capacity** System net cooling capacity under A.T.P. conditions at 30 °C ambient 2965 W Capacity on engine power 0°C Generic (Boxlength, Refrigerant, ...) Box volume 25 m3 Refrigerant R-134a Airflow 1400 m3/hr Controller CSR Defrost Automatic hot gas defrost Defrost Weight including battery 23 kg Condenser

18 kg

6.8 kg

Features and Options		
	ife cost management	
ThermoKare Service contracts		
Data captı	re & communications	
USB Datalogger		
TouchPrint data logger		
Datalogger Jr		
	Load Protection	
Bumper feet roof mounting		
HMI holder		
Kit hoses large (upgrade)		
Kit swivel manifold (upgrade)		
Hose Cover		
Muffler kit		
Snow Cover (kit deflector Small)		
○ Not Available	Standard Feature	
Option: Factory Supplied	Option: Dealer Supplied	







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.

- $\boldsymbol{\cdot}$ 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

Compressor	
Model	QP16
Displacement	163 cm3
Number of cylinders	6
Number of cylinders	0
Refrigerant Charge	
Charge	1.2 kg
Charge	1.2 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditio	ns at 30 °C
ambient	
Capacity on engine power 0°C	3315 W
1 7 3 1	
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
Condenser Slimline Evaporator	1

atures and Options	Fea
Life cost management	
	ThermoKare Service contracts
ure & communications	
	TouchPrint data logger
	USB data port
	Datalogger Jr
Load Protection	
	Bumper feet roof mounting
	HMI holder
	Kit hoses large (upgrade)
	Kit swivel manifold (upgrade)
	Hose Cover
	Muffler kit
O	Snow Cover (kit deflector Big)
O	Harness Extension 2m/4m/6m
Standard Feature	O Not Available
Option: Dealer Supplied	Option: Factory 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.

- $\boldsymbol{\cdot}$ 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	Condens	ser
Height		227 mm	227 mm
Width		789 mm	789 mm
Depth		500 mm	500 mm

Compressor	
Model	QP08N
Displacement	131 cm3
Number of cylinders	6
Refrigerant Charge	
	0.62 kg
Charge	0.62 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. co	nditions at 30 °C
ambient	
Capacity on engine power 0°C	2080 W
Capacity on engine power -20°C	1090 W
Generic (Boxlength, Refrigerant,)	0 16 2
Box volume	8 - 16 m3
Refrigerant	R-404A/R-452A
Airflow	745 m3/hr
Controller	CSR
Defrost	
Defrost	Automatic hot gas defrost
Hestina Conscitu	
Heating Capacity	1000 W
On the road	1900 W
Weight	
including battery	
Condenser	23 kg
Slimline Evaporator	9 kg
Swash Plate Compressor	6.5 kg
1	3

ntures and Options	Feat
Life cost management	L
	ThermoKare Service contracts
ure & communications	
	USB Datalogger
	TouchPrint data logger Datalogger Jr
_	Datalogger
Load Protection	
]	Bumper feet roof mounting
	HMI holder
	Kit hoses large (upgrade)
	Kit swivel manifold (upgrade)
_	Hose Cover
	Muffler kit
	Snow Cover (kit deflector Small)
Standard Feature	O Not Available
Option: Dealer Supplied	Option: Factory Supplied







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.

- $\boldsymbol{\cdot}$ 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	Condens	ser
Height		227 mm	227 mm
Width		789 mm	789 mm
Depth		500 mm	500 mm

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. co	nditions at 30 °C
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

Feat	tures and Options
L	ife cost management
ThermoKare Service contracts	
	re & communications
USB Datalogger TouchPrint data logger	
Datalogger Jr	
Dutalogger 51	_
	Load Protection
Bumper feet roof mounting	
HMI holder	
Kit hoses large (upgrade)	
Kit swivel manifold (upgrade)	
Hose Cover Muffler kit	
Snow Cover (kit deflector Big)	_
O Not Available	Standard Feature
Option: Factory Supplied	Option: Dealer Supplied







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.

- $\boldsymbol{\cdot}$ 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	Conden	ser
Height		227 mm	227 mm
Width		789 mm	789 mm
Depth		500 mm	500 mm

_	
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. condi	tions at 30 °C
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	
L.	ife cost management
ThermoKare Service contracts	
	re & communications
USB Datalogger	
TouchPrint data logger	
Datalogger Jr	_
	Load Protection
Bumper feet roof mounting	
HMI holder	
Kit hoses large (upgrade)	
Kit swivel manifold (upgrade)	
Hose Cover	
Muffler kit	
Snow Cover (kit deflector Big)	
O Not Available	Standard Feature
Option: Factory Supplied	Option: Dealer Supplied







C-450e MAX

Quality and performance from a global market leader

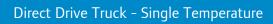
The Ce-Series provides the ideal solution for operators delivering temperature sensitive cargo in small vehicles. There are four road-only models to suit vehicle bodies up to 34 m3.

- $\boldsymbol{\cdot}$ 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. condit ambient	tions at 30 °C
Capacity on engine power 0°C	4430 W
Capacity on engine power -20°C	2335 W
1 7 3 1	
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
capture & communications	Data captu
	TouchPrint data logger
·	USB data port
ger Jr	Datalogger Jr
Load Protection	
unting \Box	Bumper feet roof mounting
nolder	HMI holder
grade)	Kit hoses large (upgrade)
grade)	Kit swivel manifold (upgrade)
Cover	Hose Cover
	Muffler kit
or Big)	Snow Cover (kit deflector Big)
m/6m O	Harness Extension 2m/4m/6m
ailable Standard Feature	O Not Available
pplied Option: Dealer Supplied	Option: Factory Supplied







E-200

Consumption	
ES 150 - Max Power Capacity	1958 W / 114 A (W)
25 156 Max Fower capacity	/Current (A)
ES 200 - Max Power Capacity	1744 W / 120 A (W)
LS 200 Max Fower Capacity	/Current (A)
ES 100N x ES100N - Capacity	1578 W / 120 A (W)
L3 TOOK X L3 TOOK - Capacity	/Current (A)
ES 150 - Min Power Capacity	1259 W / 71 A (W)
L3 130 - Will Fower Capacity	/Current (A)
ES 200 - Min Power Capacity	1121 W / 75 A (W)
L3 200 - Will Fower Capacity	/Current (A)
ES 100N x ES100N - Min Power Capacity	1014 W / 75 A (W)
ES TOOK & ESTOOK - WIIIT FOWER Capacity	/Current (A)

Refrigeration Capacity: Individual Cooling Capac	ity
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	
	1 ph / 230V / 50Hz,
Voltage / Phase / Frequency	1 ph / 230V / 60Hz,
	1 ph / 115V / 60Hz

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

Life cost management			
ThermoKare Service contracts			
2-year warranty coverage			
Data capture & communications			
Tracking (tracking and load monitoring	g)		
USB Datalogger			
Load Protection			
Hold-over functionality			
Start/Stop and Increased Idle Speed Fi	unctionality		
Variable Speed Compressor			
Tailor Made Inverter			
Bumper feet roof mounting			
HMI holder			
Kit hoses large (upgrade)			
Din Adapter			
Snow Cover (kit deflector Small)			
Harness Extension 2m/4m/6m			
Door switches			
Not Available	Standard	Feature	
Option: Factory Supplied	_	ealer Supplied	







Rating

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
- $\boldsymbol{\cdot}$ Easy maintenance, service and installation

Dimensions	Unit	Conder	nser
Height		242 mm	242 mm
Width		789 mm	789 mm
Depth		500 mm	500 mm

Specifications Compressor Model QP08N Displacement 131 cm3 Number of cylinders 6 **Refrigerant Charge** V-100 10: 0.62 -- V-100 Charge 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 m3 Refrigerant R-134a Airflow 745 m3/hr Controller DSR III Defrost Automatic hot gas defrost Defrost Weight including battery Slimline Evaporator 9 kg Installation kit 24 kg 25 kg Condenser w/o electric stand-by Condenser with electric stand-by 43 kg Swash Plate Compressor 6.5 kg **Electrical Stand by Motor** 230/1/50 Voltage / Phase / Frequency

1.6 kW

Features and Options		
Life cost management	l l	
	ThermoKare Service contracts	
ure & communications	Data cantu	
are & communications	USB Datalogger	
	TouchPrint data logger	
	Wintrac (data analysis software)	
	Datalogger Jr	
Load Dustastian		
Load Protection	Hose extention 2 m/4 m/6 m	
	Bumper feet roof mounting	
	HMI holder	
	Kit hoses large (upgrade)	
	Kit swivel manifold (upgrade)	
	Din Adapter	
	Hose Cover	
	Muffler kit	
	Snow Cover (kit deflector Small)	
0	Snow Cover (kit deflector Big)	
	Harness Extension 2m/4m/6m	
	Door switches	
Standard Feature	O Not Available	
Option: Dealer Supplied	Option: Factory 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 ${\color{blue} \textbf{complete range share many common components including}}\\$ the Direct Smart Reefer and has many modular options to fulfill the requirements of every customer with the following benefits:

- Superior temperature controlUser friendly Direct Smart Reefer
- Flexibility
- Improved reliability of electrical components
- Ease of maintenance and service
- $\bullet \ \mathsf{Ease} \ \mathsf{of} \ \mathsf{installation}$

Dimensions	Unit	Conder	ıser
Height		242 mm	242 mm
Width		789 mm	789 mm
Depth		500 mm	500 mm

Compressor	
Model	QP08N
Displacement	131 cm3
Number of cylinders	6

Refrigerant Charge	
Charge	10/30: 0.62 20: 1 50:
Charge	1.2 kg

Retrigeration Capacity		
System net cooling capacity under A.T.P. conditions at 30 $^{\circ}\text{C}$ ambient		
Capacity on engine power 0°C	2080 W	
Capacity on engine power -20°C 1090		
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 m3
Refrigerant	R-404A/R-452A
Airflow	745 m3/hr
Controller	DSR III

Dellost	
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	The cost management	
·	ure & communications	
USB Datalogger TouchPrint data logger		
Wintrac (data analysis software)		
Datalogger Jr		
	Load Protection	
Hose extention 2 m/4 m/6 m		
Bumper feet roof mounting		
HMI holder		
Kit hoses large (upgrade)		
Kit swivel manifold (upgrade)		
Din Adapter		
Hose Cover Muffler kit		
Snow Cover (kit deflector Small)		
Snow Cover (kit deflector Sinal)		
Harness Extension 2m/4m/6m		
Door switches		
Bool switches		
O Not Available	Standard Feature	
Option: Factory Supplied	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 ${\color{blue} \textbf{complete range share many common components including}}\\$ 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
- $\boldsymbol{\cdot}$ Easy maintenance, service and installation

Dimensions	Unit
Height	221 mm
Width	1180 mm
Depth	485 mm

Specifications	
Compressor	
Model	QP13
Displacement	131 cm3
Number of cylinders	6
	·
Refrigerant Charge	
Charge	10: 1.0 20: 1.1 kg
Defining antique Consists	
Refrigeration Capacity	disions at 20 %C
System net cooling capacity under A.T.P. con ambient	ditions at 30 °C
Capacity on engine power 0°C	2255 W
Capacity on engine power o 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 m3
Refrigerant	R-134a
Airflow	1100 m3/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	
Lieuwan Stand by Motor	230/1/50 230/1/60
Voltage / Phase / Frequency	400/3/50 230/3/50
	230/3/60
Rating	3.7 kW
-	

tures and Options	Fea
Life cost management	
	ThermoKare Service contracts
ure & communications	
	USB Datalogger
	TouchPrint data logger Wintrac (data analysis software)
	Datalogger Jr
-	Datalogger 51
Load Protection	
	Hose extention 2 m/4 m/6 m
	Bumper feet roof mounting
	HMI holder
	Kit hoses large (upgrade)
	Kit swivel manifold (upgrade)
	Din Adapter
	Hose Cover
	Muffler kit
	Snow Cover (kit deflector Small)
O	Snow Cover (kit deflector Big)
	Harness Extension 2m/4m/6m
	Door switches
Standard Feature	O Not Available
Option: Dealer Supplied	Option: Factory Supplied







V-200s MAX

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

Specifications

no. of cylinders/displacement

Compressor	
Model	QP08N
Displacement	131 cm3
Refrigerant Charge	
Charge	1.1 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditio ambient	ns at 30 °C
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 m3
Refrigerant	R-404A/R-452A
Airflow	1000 m3/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
	6 (02 2

6/82 cm3

Fea	tures and Options
	ife cost management
ThermoKare Service contracts	
	_
Data captu	re & communications
USB Datalogger	
TouchPrint data logger	
Wintrac (data analysis software)	
Datalogger Jr	
	Load Protection
Hose extention 2 m/4 m/6 m	
Bumper feet roof mounting	
HMI holder	
Kit hoses large (upgrade)	
Kit swivel manifold (upgrade)	•
Din Adapter	
Hose Cover	
Muffler kit	
Snow Cover (kit deflector Small)	
Door switches	
O Not Available	Standard Feature
Option: Factory Supplied	Option: Dealer Supplied







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
- $\bullet \ \mathsf{Ease} \ \mathsf{of} \ \mathsf{installation}$

Dimensions	Unit
Height	221 mm
Width	1180 mm
Denth	485 mm

Compressor	
Model	QP13
Displacement	131 cm3
Number of cylinders	6

Refrigerant Charge	
Charge	10/30: 1.0 20/50: 1.2
Charge	kg

Refrigeration capacity	
System net cooling capacity under A.T.P. conditions a ambient	at 30 °C
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 m3
Refrigerant	R-404A/R-452A
Airflow	1100 m3/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	
	230/1/50 230/1/60
Voltage / Phase / Frequency	400/3/50 230/3/50
	230/3/60
Rating	3.7 kW

ThermoKare Service contracts Data capture & communications USB Datalogger TouchPrint data logger Wintrac (data analysis software) Datalogger Jr Load Protection Hose extention 2 m/4 m/6 m Bumper feet roof mounting HMI holder Kit hoses large (upgrade) Kit swivel manifold (upgrade) Din Adapter Hose Cover Muffler kit Snow Cover (kit deflector Small) Snow Cover (kit deflector Big) Harness Extension 2m/4m/6m Door switches
ThermoKare Service contracts Data capture & communications USB Datalogger TouchPrint data logger Wintrac (data analysis software) Datalogger Jr Load Protection Hose extention 2 m/4 m/6 m Bumper feet roof mounting HMI holder Kit hoses large (upgrade) Kit swivel manifold (upgrade) Din Adapter Hose Cover Muffler kit Snow Cover (kit deflector Small) Snow Cover (kit deflector Big) Harness Extension 2m/4m/6m
ThermoKare Service contracts Data capture & communications USB Datalogger TouchPrint data logger Wintrac (data analysis software) Datalogger Jr Load Protection Hose extention 2 m/4 m/6 m Bumper feet roof mounting HMI holder Kit hoses large (upgrade) Kit swivel manifold (upgrade) Din Adapter Hose Cover Muffler kit Snow Cover (kit deflector Small) Snow Cover (kit deflector Big) Harness Extension 2m/4m/6m
Data capture & communications USB Datalogger TouchPrint data logger Wintrac (data analysis software) Datalogger Jr Load Protection Hose extention 2 m/4 m/6 m Bumper feet roof mounting HMI holder Kit hoses large (upgrade) Kit swivel manifold (upgrade) Din Adapter Hose Cover Muffler kit Snow Cover (kit deflector Small) Snow Cover (kit deflector Big) Harness Extension 2m/4m/6m
USB Datalogger TouchPrint data logger Wintrac (data analysis software) Datalogger Jr Load Protection Hose extention 2 m/4 m/6 m Bumper feet roof mounting HMI holder Kit hoses large (upgrade) Kit swivel manifold (upgrade) Din Adapter Hose Cover Muffler kit Snow Cover (kit deflector Small) Snow Cover (kit deflector Big) Harness Extension 2m/4m/6m
USB Datalogger TouchPrint data logger Wintrac (data analysis software) Datalogger Jr Load Protection Hose extention 2 m/4 m/6 m Bumper feet roof mounting HMI holder Kit hoses large (upgrade) Kit swivel manifold (upgrade) Din Adapter Hose Cover Muffler kit Snow Cover (kit deflector Small) Snow Cover (kit deflector Big) Harness Extension 2m/4m/6m
TouchPrint data logger Wintrac (data analysis software) Datalogger Jr Load Protection Hose extention 2 m/4 m/6 m Bumper feet roof mounting HMI holder Kit hoses large (upgrade) Kit swivel manifold (upgrade) Din Adapter Hose Cover Muffler kit Snow Cover (kit deflector Small) Snow Cover (kit deflector Big) Harness Extension 2m/4m/6m
Wintrac (data analysis software) Datalogger Jr Load Protection Hose extention 2 m/4 m/6 m Bumper feet roof mounting HMI holder Kit hoses large (upgrade) Kit swivel manifold (upgrade) Din Adapter Hose Cover Muffler kit Snow Cover (kit deflector Small) Snow Cover (kit deflector Big) Harness Extension 2m/4m/6m
Load Protection Hose extention 2 m/4 m/6 m Bumper feet roof mounting HMI holder Kit hoses large (upgrade) Kit swivel manifold (upgrade) Din Adapter Hose Cover Muffler kit Snow Cover (kit deflector Small) Snow Cover (kit deflector Big) Harness Extension 2m/4m/6m
Hose extention 2 m/4 m/6 m Bumper feet roof mounting HMI holder Kit hoses large (upgrade) Kit swivel manifold (upgrade) Din Adapter Hose Cover Muffler kit Snow Cover (kit deflector Small) Snow Cover (kit deflector Big) Harness Extension 2m/4m/6m
Hose extention 2 m/4 m/6 m Bumper feet roof mounting HMI holder Kit hoses large (upgrade) Kit swivel manifold (upgrade) Din Adapter Hose Cover Muffler kit Snow Cover (kit deflector Small) Snow Cover (kit deflector Big) Harness Extension 2m/4m/6m
Bumper feet roof mounting HMI holder Kit hoses large (upgrade) Kit swivel manifold (upgrade) Din Adapter Hose Cover Muffler kit Snow Cover (kit deflector Small) Snow Cover (kit deflector Big) Harness Extension 2m/4m/6m
HMI holder Kit hoses large (upgrade) Kit swivel manifold (upgrade) Din Adapter Hose Cover Muffler kit Snow Cover (kit deflector Small) Snow Cover (kit deflector Big) Harness Extension 2m/4m/6m
Hose Cover Muffler kit Snow Cover (kit deflector Small) Snow Cover (kit deflector Big) Harness Extension 2m/4m/6m
Hose Cover Muffler kit Snow Cover (kit deflector Small) Snow Cover (kit deflector Big) Harness Extension 2m/4m/6m
Hose Cover Muffler kit Snow Cover (kit deflector Small) Snow Cover (kit deflector Big) Harness Extension 2m/4m/6m
Muffler kit Snow Cover (kit deflector Small) Snow Cover (kit deflector Big) Harness Extension 2m/4m/6m
Snow Cover (kit deflector Small) Snow Cover (kit deflector Big) Harness Extension 2m/4m/6m
Harness Extension 2m/4m/6m
Harness Extension 2m/4m/6m
, , <u> </u>
Dool Switches
O Not Available Standard Feature
Option: Factory Supplied Option: Dealer Supplied
Зарріїєч







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 ${\color{blue} \textbf{complete range share many common components including}}\\$ 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
- $\boldsymbol{\cdot}$ Easy maintenance, service and installation

Dimensions	Unit
Height	221 mm
Width	1180 mm
Depth	485 mm

Specifications	
Compressor	
Model	QP15
Displacement	146.7 cm3
Number of cylinders	6
,	
Refrigerant Charge	
Charge	10: 1.1 20: 1.35 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. cond ambient	litions at 30 °C
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,)	10 25 2
Box volume	10 - 25 m3
Refrigerant Airflow	R-134a
Controller	1400 m3/hr DSR III
Controller	ווו אכט
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	
Electrical Stand by Motor	230/1/50 230/1/60
Voltage / Phase / Frequency	400/3/50 230/3/50
Total of Trequency	230/3/60
Rating	3.7 kW
,	

Features and Options	
	Life cost management
ThermoKare Service contracts	
	re & communications
USB Datalogger	
TouchPrint data logger	
Wintrac (data analysis software)	
Datalogger Jr	_
	Load Protection
Hose extention 2 m/4 m/6 m	
Bumper feet roof mounting	
HMI holder	
Kit hoses large (upgrade)	
Kit swivel manifold (upgrade)	
Din Adapter	
Hose Cover	
Muffler kit	
Snow Cover (kit deflector Small)	
Snow Cover (kit deflector Big)	0
Harness Extension 2m/4m/6m	
Door switches	
O Not Available	Standard Feature
Option: Factory Supplied	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 28 m

- 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

Compressor	
Model	QP15
Displacement	146.7 cm3
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 m3
Refrigerant	R-404A/R-452A
Airflow	1400 m3/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	
	230/1/50 230/1/60
Voltage / Phase / Frequency	400/3/50 230/3/50
	230/3/60
Rating	3.7 kW

Fea	tures and Options
	ife cost management
ThermoKare Service contracts	
memorare service contracts	_
Data captu	re & communications
USB Datalogger	
TouchPrint data logger	
Wintrac (data analysis software)	
Datalogger Jr	
	Load Protection
Hose extention 2 m/4 m/6 m	
Bumper feet roof mounting	
HMI holder	
Kit hoses large (upgrade)	
Kit swivel manifold (upgrade)	
Din Adapter	
Hose Cover Muffler kit	
Snow Cover (kit deflector Small)	
Snow Cover (kit deflector Sinal)	0
Harness Extension 2m/4m/6m	
Door switches	
Door switches	
O Not Available	Standard Feature
Option: Factory Supplied	Option: Dealer
Option: Factory Supplied	Supplied







Voltage / Phase / Frequency

Rating

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 cm3
Number of cylinders	6
Refrigerant Charge	
Charge	10: 2.0 20: 2.2 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditional ambient	ons at 30 °C
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 m3
Refrigerant	R-134a
Airflow	2200 m3/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	

400/3/50 -- 380/3/60 --

230/3/50 -- 230/3/60 --230/1/50 --230/1/60

6.4 kW

Fea	tures and Options
	Life cost management
ThermoKare Service contracts	
Data captı	ıre & communications
USB Datalogger	
TouchPrint data logger	
Wintrac (data analysis software)	
Datalogger Jr	
	Load Protection
Hose extention 2 m/4 m/6 m	
Bumper feet roof mounting	
HMI holder	
Kit hoses large (upgrade)	
Kit swivel manifold (upgrade)	
Din Adapter	
Hose Cover	
Snow Cover (kit deflector Small)	0
Snow Cover (kit deflector Big)	0
Harness Extension 2m/4m/6m	0
Door switches	
O Not Available	Standard Feature
Option: Factory Supplied	Option: Dealer
<u> Орнон. гастогу зиррней</u>	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
Denth		475 mm		475 mm

Specifications	
Compressor	
Model	QP16
Displacement	163 cm3
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 a ambient	at 30 °C
Capacity on engine power 0°C	4890 W
Capacity on engine power or 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 m3
Refrigerant	R-404A/R-452A
Airflow	2200 m3/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

Fea	tures and Options
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ThermoKare Service contracts	ife cost management
memorale Service contracts	_
	re & communications
USB Datalogger	
TouchPrint data logger	
Wintrac (data analysis software)	
Datalogger Jr	
	Load Protection
Hose extention 2 m/4 m/6 m	0
Bumper feet roof mounting	
HMI holder	
Kit hoses large (upgrade)	
Kit swivel manifold (upgrade)	
Din Adapter	
Hose Cover	
Snow Cover (kit deflector Small)	0
Snow Cover (kit deflector Big)	0
Harness Extension 2m/4m/6m	O
Door switches	Ш
O Not Available	Standard Feature
Option: Factory Supplied	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 easeof- use. These units also allow users to increase energy efficiency and sustainability.

- · More environmentally friendly
- Superior performanceEnhanced 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 ambient	30 °C
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
D. Co. at	
Defrost	
Defrost	Automatic hot gas defrost
	Automatic hot gas defrost
Defrost	Automatic hot gas defrost 4000 W
Defrost Heating Capacity	
Defrost Heating Capacity On the road	4000 W
Defrost Heating Capacity On the road Electric Stand By Operation	4000 W
Defrost Heating Capacity On the road Electric Stand By Operation Weight	4000 W
Defrost Heating Capacity On the road Electric Stand By Operation Weight including battery	4000 W 3200 W
Defrost Heating Capacity On the road Electric Stand By Operation Weight including battery Condenser w/o electric stand-by	4000 W 3200 W
Defrost Heating Capacity On the road Electric Stand By Operation Weight including battery Condenser w/o electric stand-by Condenser with electric stand-by	4000 W 3200 W 53 kg 125 kg
Defrost Heating Capacity On the road Electric Stand By Operation Weight including battery Condenser w/o electric stand-by Condenser with electric stand-by Evaporator ES600 MAX	4000 W 3200 W 53 kg 125 kg

Featu	res and Options
Lif	e cost management
ThermoKare Service contracts	e cost management
	_
	& communications
USB Datalogger	
TouchPrint data logger	
Wintrac (data analysis software)	
Datalogger Jr	
	Load Protection
Bumper feet roof mounting	
HMI holder	
Kit hoses large (upgrade)	
Kit swivel manifold (upgrade)	
Din Adapter	
Hose Cover	
Door switches	
O Not Available	Standard Feature
Option: Factory Supplied	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.

- $\boldsymbol{\cdot}$ 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

Defrost Defrost

Heating Capacity

Electric Stand By Operation

On the road

Compressor	
Model	QP16
Displacement	163 cm3
Number of cylinders	6
Deficiency Character	
Refrigerant Charge	1
Charge	10: 2.2 20/30: 2.3 50: 2.4 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at ambient	30 °C
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	
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

Automatic hot gas defrost

4000 W

3200 W

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

Feati	ures and Options
	e cost management
ThermoKare Service contracts	
D. L	
-	e & communications
USB Datalogger	
TKDL Datalogger	
Wintrac (data analysis software)	
Datalogger Jr	_
	Load Protection
Bumper feet roof mounting	
HMI holder	
Kit hoses large (upgrade)	
Kit swivel manifold (upgrade)	
Din Adapter	
Hose Cover	
Door switches	
O Not Available	Standard Feature
O NOt Available	- Standard Fourdit
Option: Factory Supplied	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

- 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 mm	458.7 mm
Width		1592 mm	1592 mm
Depth		523 mm	523 mm

Specifications

Swash Plate Compressor

Rating

Electrical Stand by Motor

Voltage / Phase / Frequency

Compressor	
Model	QP21
Displacement	215 cm3
Number of cylinders	10
Refrigerant Charge	
Charge	10: 4.55 20: 4.85 kg
Refrigeration Capacity	
System net cooling capacity under A.T.P. cambient	conditions at 30 °C
Capacity on engine power 0°C	5175 W
Capacity on electrical stand by 0°C	4920 W
Generic (Boxlength, Refrigerant,)	
Box volume	44 m3
Refrigerant	R-134a
Airflow	2680 m3/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

8.5 kg

8.2 kW

400/3/50 -- 400/3/60 --

230/3/50 -- 230/3/60

Features	and Options
Life cos	st management
ThermoKare Service contracts	
Data capture & co	ommunications
USB Datalogger	
TouchPrint data logger	
Wintrac (data analysis software)	
Datalogger Jr	
L	oad Protection
Hose extention 2 m/4 m/6 m	0
Bumper feet roof mounting	
HMI holder	
Kit hoses large (upgrade)	
Kit swivel manifold (upgrade)	
Din Adapter	
Hose Cover	
Snow Cover (kit deflector Small)	0
Snow Cover (kit deflector Big)	0
Harness Extension 2m/4m/6m	0
Door switches	Ш
O Not Available	Standard Feature
Option: Factory Supplied	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

- 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

Electrical Stand by Motor

Rating

Voltage / Phase / Frequency

Compressor	
Model	QP21
Displacement	215 cm3
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 ambient	t 30 °C
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 m3
Refrigerant	R-404A/R-452A
Airflow	2680 m3/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

400/3/50 -- 400/3/60 --

230/3/50 -- 230/3/60

Features and Options	
	ife cost management
ThermoKare Service contracts	
Data cantu	re & communications
USB Datalogger	re & communications
TouchPrint data logger	
Wintrac (data analysis software)	
Datalogger Jr	
2 252 2.	_
	Load Protection
Hose extention 2 m/4 m/6 m	
Bumper feet roof mounting	
HMI holder	
Kit hoses large (upgrade)	
Kit swivel manifold (upgrade)	
Din Adapter	Ä
Hose Cover	
Snow Cover (kit deflector Small)	O
Snow Cover (kit deflector Big)	O
Harness Extension 2m/4m/6m	O
Door switches	Ш
O Not Available	Standard Feature
	Option: Dealer
Option: Factory Supplied	Supplied







Specifications

Defrost

Electric Stand By Operation

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
- $\boldsymbol{\cdot}$ More flexible system for fresh, frozen and deep frozen applications

2670 W

1450 W

2195 W

1125 W

QP13

131 cm3

2050 W

- Transversal and longitudinal compartments
- Temperature accuracy
- · Superior performance
- Ease of installation

Dimensions	Unit
Height	221 mm
Width	1180 mm
Depth	535 mm

Refrigeration Capacity: Individual Cooling Capacity Capacity on engine power ES100 MAX 0°C Capacity on engine power ES100 MAX -20°C Capacity on electrical stand by ES100 MAX 0°C Capacity on electrical stand by ES100 MAX -20°C Compressor Model Displacement

Number of cylinders	6
0.61	
Refrigerant Charge	
Charge	1.35 kg

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

Deirost	Automatic not gas derrost
Heating Capacity	
On the road	2800 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

Feat	cures and Options
1	ife cost management
ThermoKare Service contracts	
Data cantu	re & communications
USB Datalogger	e & communications
TouchPrint data logger	
Wintrac (data analysis software)	
Datalogger Jr	
	1 15 1 1
11 1 2 14 16	Load Protection
Hose extention 2 m/4 m/6 m Bumper feet roof mounting	
HMI holder	
Kit swivel manifold (upgrade)	
Din Adapter	
Hose Cover	
Muffler kit	
Snow Cover (kit deflector Small)	
Snow Cover (kit deflector Big)	0
Harness Extension 2m/4m/6m	
Door switches	
O Not Available	Standard Feature
Option: Factory Supplied	Option: Dealer Supplied







Rating

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
- \cdot Ease of installation

Dimensions	Unit
Height	221 mm
Width	1180 mm
Depth	535 mm

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 Capacity on electrical stand by ES200 MAX -20°C	2480 W
Compressor	
Model	OP15
Displacement	146.7 cm3
Number of cylinders	(10.7 cm²
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,)	16
Box volume	16 m3
Refrigerant	R-404A/R-452A
Airflow Controller	890 m3/hı DSR II
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	Automatic hot gas defrosi
	, , , , , , , , , , , , , , , , , , , ,
Heating Capacity On the road	3100 W
Electric Stand By Operation	2250 W
Airflow	
on high speed engine operation	1210 770 0 "
ES200+ES100 ES150+ES150	1210 + 770 m3/hi
ES150+ES100	2 x 890 m3/hi 890 + 765 m3/hi
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
•	15 kg
•	13 kg
Evaporator ES200 MAX	
Evaporator E5200 MAX Electrical Stand by Motor Voltage / Phase / Frequency	230/1/50 230/1/60 400/3/50 230/3/50 230/3/60

3.8 kW

Features and Options		
	Life cost management	
ThermoKare Service contracts		
·	ture & communications	
USB Datalogger		
TouchPrint data logger		
Wintrac (data analysis software)		
Datalogger Jr		
	Load Protection	
Hose extention 2 m/4 m/6 m		
Bumper feet roof mounting		
HMI holder		
Kit swivel manifold (upgrade)		
Din Adapter		
Hose Cover		
Muffler kit		
Snow Cover (kit deflector Small)		
Snow Cover (kit deflector Big)	0	
Harness Extension 2m/4m/6m		
Door switches		
O Not Available	Standard Feature	
Option: Factory Supplied	Option: Dealer Supplied	

Direct Drive Truck - Multi Temperature





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
- $\boldsymbol{\cdot}$ More flexible system for fresh, frozen and deep frozen applications
- · Transversal and longitudinal compartments
- Temperature accuracy
- · Superior performance
- $\bullet \ \mathsf{Ease} \ \mathsf{of} \ \mathsf{installation}$

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

Specifications

Displacement

Defrost

Number of cylinders

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	0016
Model	QP16

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

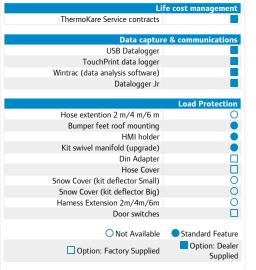
Defrost	Automatic hot gas defrost
Heating Capacity	
On the road	3600 W
Electric Stand By Operation	3120 W

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 (FS100n) kg

Electrical Stand by Motor	
Voltage / Phase / Frequency	400/3/50230/3/50 230/3/60 230/1/50 230/1/60380/3/60
Rating	6.4 (400/3/50) kW

Features and Options



163 cm3







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

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 V
Capacity on engine power 2 X ES150 MAX 0°C	5640 V
Capacity on engine power 2 X ES150 MAX -20°C	2995 V
Capacity on electrical stand by ES400 MAX 0°C	5300 V 3010 V
Capacity on electrical stand by ES400 MAX -20°C Capacity on electrical stand by ES600 MAX 0°C	6305 V
Capacity on electrical stand by ES600 MAX - 20°C	3110 V
Capacity on electrical stand by ES150 MAX 0°C	3850 V
Capacity on electrical stand by ES150 MAX -20°C	2165 V
Capacity on electrical stand by 2 X ES150 MAX 0°C	5045 V
Capacity on electrical stand by 2 X ES150 MAX -20°C	2705 V
Compressor	
Model	QP2
Displacement	215 cm
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 V
Capacity on engine power ES400 MAX+ES400 MAX -20°C	4395 V
Capacity on engine power ES600 MAX+ES150MAX -20°C	3850 V
Capacity on engine power ES600 MAX+2 X ES150MAX -20°C	4300 V
Capacity on electrical stand by -20°C	3595 V
Capacity on electrical stand by ES400 MAX+ES400 MAX -20°C	3595 V
Capacity on electrical stand by ES600 MAX+ES150MAX -20°C Capacity on electrical stand by ES600 MAX+2 X ES150MAX -20°C	3385 V 3595 V
Generic (Boxlength, Refrigerant,)	
Box volume	40 m3
Refrigerant	R-404A/R-452A
Airflow	1760 m3/h
Controller	DSR II
Defrost	
Defrost	Automatic hot gas defros
Heating Capacity	4500.0
On the road Electric Stand By Operation	4500 W 4000 W
Airflow	
on high speed engine operation	
ES400+ES400	1760x2 m3/h
ES600 MAX+ES150MAX ES600 MAX++2XES150MAX	2260+890 m3/h 2260+(2x890) m3/h
Weight	
including battery	
Condenser w/o electric stand-by	100 kg
Condenser with electric stand-by	160 kg
Evaporator ES600 MAX	28 k
Evaporator ES400 MAX	20 k
Evaporator 2 X ES150 MAX	25 k
Evaporator ES150 MAX Swash Plate Compressor	12.5 k 8.5 k
Electrical Stand by Motor	
	400/3/50 230/3/50400/3/60 -
Voltage / Phase / Frequency	230/3/6/ 8.2 kV

Fe	atures and Options
	Life cost management
ThermoKare Service contracts	
	ture & communications
USB Datalogger	
TouchPrint data logger	
Wintrac (data analysis software)	
Datalogger Jr	
	Load Dustostian
Have extention 2 m /A m /C m	Load Protection
Hose extention 2 m/4 m/6 m	
Bumper feet roof mounting HMI holder	
Titti Holder	
Kit swivel manifold (upgrade)	
Din Adapter Hose Cover	
Snow Cover (kit deflector Small)	
Snow Cover (kit deflector Big)	0
Harness Extension 2m/4m/6m	
Door switches	
O Not Available	Standard Feature
Option: Factory Supplied	Option: Dealer Supplied





CT-10

Clean, silent and efficient refrigeration.

- · Lowest environmental impact
- · Ideal for distribution services
- Extreme low noise: PIEK certified
- $\bullet \ \mathsf{Precise} \ \mathsf{temperature} \ \mathsf{control}$

Dimensions	Unit
Height	
Width	
Depth	

Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 $^{\circ}\text{C}$ 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







CT-10 SPECTRUM

Clean, silent and efficient refrigeration.

- · Lowest environmental impact
- · Ideal for distribution services
- $\bullet \ \, \text{Extreme low noise: PIEK certified}$
- Precise temperature control

Dimensions	Unit
Height	
Width	
Depth	

Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 $^{\circ}\text{C}$ 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 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
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 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 Optio	
O Not Available	Standard Feature
Option: Factory Supplied	Option: Dealer Supplied



THERMO KING

CT-15

Clean, silent and efficient refrigeration.

- · Lowest environmental impact
- · Ideal for distribution services
- $\boldsymbol{\cdot}$ Extreme low noise: PIEK certified
- $\bullet \ \mathsf{Precise} \ \mathsf{temperature} \ \mathsf{control}$

Dimensions	Unit
Height	
Width	
Depth	

Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 $^{\circ}\text{C}$ 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

deficit (Boxiefigui, Kerrigeralit,)	
Boxlength	Up to 13 m
Airflow	1360 - 2040 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

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 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





CT-15 SPECTRUM

Clean, silent and efficient refrigeration.

- · Lowest environmental impact
- · Ideal for distribution services
- $\bullet \ \, \text{Extreme low noise: PIEK certified}$
- $\bullet \ \mathsf{Precise} \ \mathsf{temperature} \ \mathsf{control}$

Dimensions	Unit
Height	
Width	
Depth	

Refrigeration Capacity	
System net cooling capacity under A.T.P. conditions at 30 $^{\circ}\text{C}$ 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)

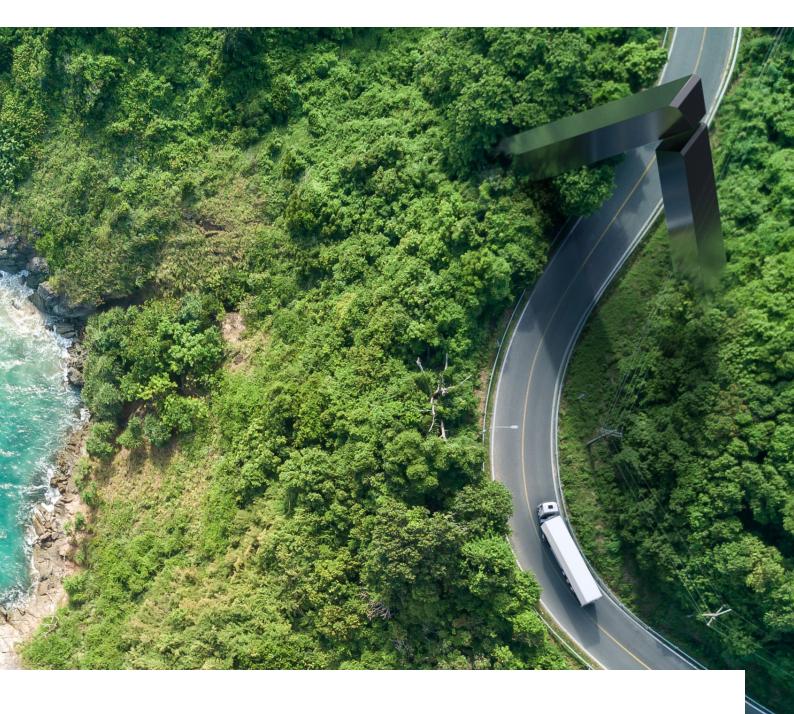
Refrigerant: Recycled Liquid CO2, R-744	
Charge, 330L Tank	Maximum 373 kg
Charge, 430L Tank	Maximum 489 kg

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

Feature	s and Options
O Not Available	Standard Feature
Option: Factory Supplied	Option: Dealer Supplied



THERMO KING

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.

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