



Dimensions	Unit	Condenser
Height		
Width		
Depth		

### Specifications

### Features and Options

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

### C-150e

#### Quality and performance from a global market leader

The Ce-Series provides the ideal solution for operators delivering temperature sensitive cargo in small vehicles. There are four road-only models to suit vehicle bodies up to 34 m<sup>3</sup>.

- Reliable protection for fresh and frozen cargo
- High volume airflow for boxes up to 34 m<sup>3</sup>
- Highest cooling capacity in its segment
- New controller for error-free operation
- Full Thermo King service and parts support

### Specifications

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
Capacity on engine power 0°C	1665 W
Weight	
<b>including battery</b>	
Condenser	23 kg
Slimline Evaporator	9 kg
Swash Plate Compressor	6.5 kg
Compressor	
Model	QP08N
Displacement	131 cm <sup>3</sup>
Number of cylinders	6
Refrigerant Charge	
Charge	0.62 kg
Generic (Boxlength, Refrigerant, ...)	
Box volume	12 m <sup>3</sup>
Refrigerant	R-134a
Airflow	745 m <sup>3</sup> /hr
Controller	CSR
Defrost	
Defrost	Automatic hot gas defrost

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

### Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input type="checkbox"/>
HMI holder	<input type="checkbox"/>
Kit hoses large (upgrade)	<input type="checkbox"/>
Kit swivel manifold (upgrade)	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>

Not Available

Option: Factory Supplied

Standard Feature

Option: Dealer Supplied

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

- Reliable protection for fresh and frozen cargo
- High volume airflow for boxes up to 34 m<sup>3</sup>
- Highest cooling capacity in its segment
- New controller for error-free operation
- Full Thermo King service and parts support

### Specifications

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
Capacity on engine power 0°C	2255 W
Weight	
<b>including battery</b>	
Condenser	23 kg
Slimline Evaporator	15 kg
Swash Plate Compressor	6.9 kg
Compressor	
Model	QP13
Displacement	131 cm <sup>3</sup>
Number of cylinders	6
Refrigerant Charge	
Charge	0.95 kg
Generic (Boxlength, Refrigerant, ...)	
Box volume	18 m <sup>3</sup>
Refrigerant	R-134a
Airflow	1100 m <sup>3</sup> /hr
Controller	CSR
Defrost	
Defrost	Automatic hot gas defrost

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

### Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input type="checkbox"/>
HMI holder	<input type="checkbox"/>
Kit hoses large (upgrade)	<input type="checkbox"/>
Kit swivel manifold (upgrade)	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>

Not Available  
 Option: Factory Supplied

Standard Feature  
 Option: Dealer Supplied

**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 m<sup>3</sup>.

- Reliable protection for fresh and frozen cargo
- High volume airflow for boxes up to 34 m<sup>3</sup>
- Highest cooling capacity in its segment
- New controller for error-free operation
- Full Thermo King service and parts support

**Specifications**

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
Capacity on engine power 0°C	2965 W
Weight	
<b>including battery</b>	
Condenser	23 kg
Slimline Evaporator	18 kg
Swash Plate Compressor	6.8 kg
Compressor	
Model	QP15
Displacement	146.7 cm <sup>3</sup>
Number of cylinders	6
Refrigerant Charge	
Charge	1.2 kg
Generic (Boxlength, Refrigerant, ...)	
Box volume	25 m <sup>3</sup>
Refrigerant	R-134a
Airflow	1400 m <sup>3</sup> /hr
Controller	CSR
Defrost	
Defrost	Automatic hot gas defrost

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

**Features and Options**

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input type="checkbox"/>
HMI holder	<input type="checkbox"/>
Kit hoses large (upgrade)	<input type="checkbox"/>
Kit swivel manifold (upgrade)	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>

 Not Available

 Option: Factory Supplied

 Standard Feature

 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 m<sup>3</sup>.

- Reliable protection for fresh and frozen cargo
- High volume airflow for boxes up to 34 m<sup>3</sup>
- Highest cooling capacity in its segment
- New controller for error-free operation
- Full Thermo King service and parts support

### Specifications

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
Capacity on engine power 0°C	3315 W
Weight	
<b>including battery</b>	
Condenser	31 kg
Slimline Evaporator	18 kg
Swash Plate Compressor	7.1 kg
Compressor	
Model	QP16
Displacement	163 cm <sup>3</sup>
Number of cylinders	6
Refrigerant Charge	
Charge	1.2 kg
Generic (Boxlength, Refrigerant, ...)	
Box volume	31 m <sup>3</sup>
Refrigerant	R-134a
Airflow	1650 m <sup>3</sup> /hr
Controller	CSR
Defrost	
Defrost	Automatic hot gas defrost

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

### Features and Options

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

Not Available

Standard Feature

Option: Factory Supplied

Option: Dealer Supplied

### C-150e MAX

#### Quality and performance from global market leader

The Ce-Series provides the ideal solution for operators delivering temperature sensitive cargo in small vehicles. There are four road-only models to suit vehicle bodies up to 34 m<sup>3</sup>.

- Reliable protection for fresh and frozen cargo
- High volume airflow for boxes up to 34 m<sup>3</sup>
- Highest cooling capacity in its segment
- New controller for error-free operation
- Full Thermo King service and parts support

### Specifications

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

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

### Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input type="checkbox"/>
HMI holder	<input type="checkbox"/>
Kit hoses large (upgrade)	<input type="checkbox"/>
Kit swivel manifold (upgrade)	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Small)	<input type="checkbox"/>

Not Available                       Standard Feature  
 Option: Factory Supplied             Option: Dealer 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 m<sup>3</sup>.

- Reliable protection for fresh and frozen cargo
- High volume airflow for boxes up to 34 m<sup>3</sup>
- Highest cooling capacity in its segment
- New controller for error-free operation
- Full Thermo King service and parts support

### Specifications

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
Capacity on engine power 0°C	2770 W
Capacity on engine power -20°C	1460 W
Heating Capacity	
On the road	2800 W
Weight including battery	
Condenser	23 kg
Slimline Evaporator	15 kg
Swash Plate Compressor	6.9 kg
Compressor	
Model	QP13
Displacement	131 cm <sup>3</sup>
Number of cylinders	6
Refrigerant Charge	
Charge	0.95 kg
Generic (Boxlength, Refrigerant, ...)	
Box volume	13 - 22 m <sup>3</sup>
Refrigerant	R-404A/R-452A
Airflow	1100 m <sup>3</sup> /hr
Controller	CSR
Defrost	
Defrost	Automatic hot gas defrost

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

### Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input type="checkbox"/>
HMI holder	<input type="checkbox"/>
Kit hoses large (upgrade)	<input type="checkbox"/>
Kit swivel manifold (upgrade)	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Big)	<input checked="" type="checkbox"/>

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 m<sup>3</sup>.

- Reliable protection for fresh and frozen cargo
- High volume airflow for boxes up to 34 m<sup>3</sup>
- Highest cooling capacity in its segment
- New controller for error-free operation
- Full Thermo King service and parts support

**Specifications**

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
Capacity on engine power 0°C	3330 W
Capacity on engine power -20°C	1840 W
Heating Capacity	
On the road	3100 W
Weight including battery	
Condenser	23 kg
Slimline Evaporator	18 kg
Swash Plate Compressor	6.8 kg
Compressor	
Model	QP15
Displacement	146.7 cm <sup>3</sup>
Number of cylinders	6
Refrigerant Charge	
Charge	1.2 kg
Generic (Boxlength, Refrigerant, ...)	
Box volume	17 - 28 m <sup>3</sup>
Refrigerant	R-404A/R-452A
Airflow	1400 m <sup>3</sup> /hr
Controller	CSR
Defrost	
Defrost	Automatic hot gas defrost

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

**Features and Options**

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input type="checkbox"/>
HMI holder	<input type="checkbox"/>
Kit hoses large (upgrade)	<input type="checkbox"/>
Kit swivel manifold (upgrade)	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>
Muffler kit	<input type="checkbox"/>
Snow Cover (kit deflector Big)	<input type="checkbox"/>

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 m<sup>3</sup>.

- Reliable protection for fresh and frozen cargo
- High volume airflow for boxes up to 34 m<sup>3</sup>
- Highest cooling capacity in its segment
- New controller for error-free operation
- Full Thermo King service and parts support

### Specifications

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
Capacity on engine power 0°C	4430 W
Capacity on engine power -20°C	2335 W
Heating Capacity	
On the road	3800 W
Weight including battery	
Condenser	31 kg
Slimline Evaporator	18 kg
Swash Plate Compressor	7.1 kg
Compressor	
Model	QP16
Displacement	163 cm <sup>3</sup>
Number of cylinders	6
Refrigerant Charge	
Charge	1.2 kg
Generic (Boxlength, Refrigerant, ...)	
Box volume	21 - 34 m <sup>3</sup>
Refrigerant	R-404A/R-452A
Airflow	1650 m <sup>3</sup> /hr
Controller	CSR
Defrost	
Defrost	Automatic hot gas defrost

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

### Features and Options

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

- Not Available  
 Option: Factory Supplied

- Standard Feature  
 Option: Dealer Supplied

### V-100

#### Superior temperature control

The V-100, 200 and 300 series offer the optimal temperature control solution for trucks and vans up to 28m<sup>3</sup>. This complete range share many common components including the Direct Smart Reefer and has many modular options to fulfill the requirements of every customer with the following benefits:

- Modern compact platform
- User friendly Direct Smart Reefer
- Increased reliability
- Easy maintenance, service and installation

### Specifications

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

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

### Features and Options

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

- Not Available  
 Option: Factory Supplied

- Standard Feature  
 Option: Dealer Supplied

**V-100 MAX**
**Superior temperature control**

The V-100, 200 and 300 series offer the optimal temperature control solution for trucks and vans up to 28m<sup>3</sup>. This complete range share many common components including the Direct Smart Reefer and has many modular options to fulfill the requirements of every customer with the following benefits:

- Superior temperature control
- User friendly Direct Smart Reefer
- Flexibility
- Improved reliability of electrical components
- Ease of maintenance and service
- Ease of installation

**Specifications**

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
Capacity on engine power 0°C	2080 W
Capacity on engine power -20°C	1090 W
Capacity on electrical stand by 0°C	1260 W
Capacity on electrical stand by -20°C	695 W
Heating Capacity	
On the road	1900 W
Electric Stand By Operation	1100 W
Weight	
<b>including battery</b>	
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
Compressor	
Model	QP08N
Displacement	131 cm <sup>3</sup>
Number of cylinders	6
Electrical Stand by Motor	
Voltage / Phase / Frequency	230/1/50
Rating	1.6 kW
Refrigerant Charge	
Charge	10/30: 0.62 -- 20: 1 -- 50: 1.2 kg
Generic (Boxlength, Refrigerant, ...)	
Box volume	8 - 16 m <sup>3</sup>
Refrigerant	R-404A/R-452A
Airflow	745 m <sup>3</sup> /hr
Controller	DSR III
Defrost	
Defrost	Automatic hot gas defrost

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

**Features and Options**

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

- Not Available  
 Option: Factory Supplied

- Standard Feature  
 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 28m<sup>3</sup>. This complete range share many common components including the Direct Smart Reefer and has many modular options to fulfill the requirements of every customer with the following benefits:

- Modern compact platform
- User friendly Direct Smart Reefer
- Increased reliability
- Easy maintenance, service and installation

### Specifications

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
Capacity on engine power 0°C	2255 W
Capacity on engine power -20°C	945 W
Capacity on electrical stand by 0°C	1850 W
Capacity on electrical stand by -20°C	685 W
Weight	
<b>including battery</b>	
Model 30	25 kg
Model 50	75 kg
Installation kit	24 kg
Evaporator	15 kg
Swash Plate Compressor	6.9 kg
Compressor	
Model	QP13
Displacement	131 cm <sup>3</sup>
Number of cylinders	6
Electrical Stand by Motor	
Voltage / Phase / Frequency	230/1/50 -- 230/1/60 -- 400/3/50 -- 230/3/50 -- 230/3/60
Rating	3.7 kW
Refrigerant Charge	
Charge	10: 1.0 -- 20: 1.1 kg
Generic (Boxlength, Refrigerant, ...)	
Box volume	9 - 18 m <sup>3</sup>
Refrigerant	R-134a
Airflow	1100 m <sup>3</sup> /hr
Controller	DSR III
Defrost	
Defrost	Automatic hot gas defrost

Dimensions	Unit	Condenser
Height	221 mm	
Width	1180 mm	
Depth	485 mm	

### Features and Options

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

- Not Available  
 Option: Factory Supplied

- Standard Feature  
 Option: Dealer Supplied

**V-200s MAX**
**Specifications**

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
Capacity on engine power 0°C	2410 W
Capacity on engine power -20°C	1180 W
Capacity on electrical stand by 0°C	1500 W
Capacity on electrical stand by -20°C	650 W
Heating Capacity	
On the road	2200 W
Electric Stand By Operation	1300 W
Weight including battery	
Condenser w/o electric stand-by	25 kg
Condenser with electric stand-by	43 kg
Evaporator	14 kg
Engine	
<b>No. of cylinders - cm<sup>3</sup></b>	
Rating	1.6 kW
no. of cylinders/displacement	6/82 cm <sup>3</sup>
Compressor	
Model	QP08N
Displacement	131 cm <sup>3</sup>
Refrigerant Charge	
Charge	1.1 kg
Generic (Boxlength, Refrigerant, ...)	
Box volume	10 - 19 m <sup>3</sup>
Refrigerant	R-404A/R-452A
Airflow	1000 m <sup>3</sup> /hr
Controller	DSR III

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

**Features and Options**

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

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 28m<sup>3</sup>. This complete range share many common components including the Direct Smart Reefer and has many modular options to fulfill the requirements of every customer with the following benefits:

- Superior temperature control
- User friendly Direct Smart Reefer
- Flexibility
- Improved reliability of electrical components
- Ease of maintenance and service
- Ease of installation

**Specifications**

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
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
Heating Capacity	
On the road	2800 W
Electric Stand By Operation	2050 W
Weight	
<b>including battery</b>	
Model 30	25 kg
Model 50	75 kg
Installation kit	24 kg
Evaporator	15 kg
Swash Plate Compressor	6.9 kg
Compressor	
Model	QP13
Displacement	131 cm <sup>3</sup>
Number of cylinders	6
Electrical Stand by Motor	
Voltage / Phase / Frequency	230/1/50 -- 230/1/60 -- 400/3/50 -- 230/3/50 -- 230/3/60
Rating	3.7 kW
Refrigerant Charge	
Charge	10/30: 1.0 -- 20/50: 1.2 kg
Generic (Boxlength, Refrigerant, ...)	
Box volume	13 - 22 m <sup>3</sup>
Refrigerant	R-404A/R-452A
Airflow	1100 m <sup>3</sup> /hr
Controller	DSR III
Defrost	
Defrost	Automatic hot gas defrost

Dimensions	Unit	Condenser
Height	221 mm	
Width	1180 mm	
Depth	485 mm	

**Features and Options**

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

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

### V-300

#### Superior Temperature Control

The V-100, 200 and 300 series offer the optimal temperature control solution for trucks and vans up to 28m<sup>3</sup>. This complete range share many common components including the Direct Smart Reefer and has many modular options to fulfill the requirements of every customer with the following benefits:

- Modern compact platform
- User friendly Direct Smart Reefer
- Increased reliability
- Easy maintenance, service and installation

### Specifications

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
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
Weight	
<b>including battery</b>	
Model 30	25 kg
Model 50	75 kg
Installation kit	24 kg
Evaporator	18 kg
Swash Plate Compressor	6.8 kg
Compressor	
Model	QP15
Displacement	146.7 cm <sup>3</sup>
Number of cylinders	6
Electrical Stand by Motor	
Voltage / Phase / Frequency	230/1/50 -- 230/1/60 -- 400/3/50 -- 230/3/50 -- 230/3/60
Rating	3.7 kW
Refrigerant Charge	
Charge	10: 1.1 -- 20: 1.35 kg
Generic (Boxlength, Refrigerant, ...)	
Box volume	10 - 25 m <sup>3</sup>
Refrigerant	R-134a
Airflow	1400 m <sup>3</sup> /hr
Controller	DSR III
Defrost	
Defrost	Automatic hot gas defrost

Dimensions	Unit	Condenser
Height	221 mm	
Width	1180 mm	
Depth	485 mm	

### Features and Options

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

- Not Available  
 Option: Factory Supplied

- Standard Feature  
 Option: Dealer Supplied

**V-300 MAX**
**Superior temperature control**

The V-100, 200 and 300 series offer the optimal temperature control solution for trucks and vans up to 28m

- Superior temperature control
- User friendly Direct Smart Reefer
- Flexibility
- Improved reliability of electrical components
- Ease of maintenance and service
- Ease of installation

**Specifications**

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
Capacity on engine power 0°C	3330 W
Capacity on engine power -20°C	1840 W
Capacity on electrical stand by 0°C	2840 W
Capacity on electrical stand by -20°C	1235 W
Heating Capacity	
On the road	3100 W
Electric Stand By Operation	2250 W
Weight including battery	
Model 30	25 kg
Model 50	75 kg
Installation kit	24 kg
Evaporator	18 kg
Swash Plate Compressor	6.8 kg
Compressor	
Model	QP15
Displacement	146.7 cm <sup>3</sup>
Number of cylinders	6
Electrical Stand by Motor	
Voltage / Phase / Frequency	230/1/50 -- 230/1/60 -- 400/3/50 -- 230/3/50 -- 230/3/60
Rating	3.7 kW
Refrigerant Charge	
Charge	10/30: 1.1 -- 20/50: 1.35 kg
Generic (Boxlength, Refrigerant, ...)	
Box volume	17 - 28 m <sup>3</sup>
Refrigerant	R-404A/R-452A
Airflow	1400 m <sup>3</sup> /hr
Controller	DSR III
Defrost	
Defrost	Automatic hot gas defrost

Dimensions	Unit	Condenser
Height	221 mm	
Width	1180 mm	
Depth	485 mm	

**Features and Options**

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

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



### V-500

#### V-500 Series: taking care of all your needs

The enhanced V-500 Series units from Thermo King - a more efficient range of vehicle-powered temperature control units for 3 metre to 6.5 metre rigid trucks hauling fresh or frozen loads, delivering top performance, reliability and ease-of-use. These units also allow users to increase energy efficiency and sustainability.

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

### Specifications

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
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

  

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

  

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

  

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

  

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

  

Generic (Boxlength, Refrigerant, ...)	
Box volume	13 - 30 m <sup>3</sup>
Refrigerant	R-134a
Airflow	2200 m <sup>3</sup> /hr
Controller	DSR III

  

Defrost	
Defrost	Automatic hot gas defrost

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

### Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>

  

Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac? (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>

  

Load Protection	
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Door switches	<input type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>

- Not Available
- Option: Factory Supplied

- Standard Feature
- Option: Dealer Supplied

### V-500 MAX

#### V-500 Series: taking care of all your needs

The enhanced V-500 Series units from Thermo King - a more efficient range of vehicle-powered temperature control units for 3 metre to 6.5 metre rigid trucks hauling fresh or frozen loads, delivering top performance, reliability and ease-of-use. These units also allow users to increase energy efficiency and sustainability.

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

### Specifications

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

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

### Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac? (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Door switches	<input type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>

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 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

### Specifications

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
Capacity on engine power 0°C	5910 W
Capacity on engine power -20°C	3280 W
Capacity on electrical stand by 0°C	4970 W
Capacity on electrical stand by -20°C	2550 W
Heating Capacity	
On the road	4000 W
Electric Stand By Operation	3200 W
Weight	
<b>including battery</b>	
Condenser w/o electric stand-by	53 kg
Condenser with electric stand-by	125 kg
Evaporator ES600 MAX	28 kg
Compressor	
Number of cylinders	6/163
Electrical Stand by Motor	
Voltage / Phase / Frequency	400 V/3 ph/50 Hz, 380 V/3 ph/60 Hz, 230 V/3 ph/50 Hz, 230 V/3 ph/60 Hz, 230 V/1 ph/50 Hz, 230 V/1 ph/60 Hz
Rating	6.4 kW
Generic (Boxlength, Refrigerant, ...)	
Box volume	30 - 48 m <sup>3</sup>
Refrigerant	R-404A/R-452A
Airflow	2580 m <sup>3</sup> /hr
Controller	DSR III
Weight Electric Control Module	125 kg
Defrost	
Defrost	Automatic hot gas defrost

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

### Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac? (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Door switches	<input type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>

- Not Available
- Option: Factory Supplied

- Standard Feature
- Option: Dealer Supplied

**V-600 MAX**
**Enhanced product positioning to address non-diesel trend**

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

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

**Specifications**

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
Capacity on engine power 0°C	5910 W
Capacity on engine power -20°C	3280 W
Capacity on electrical stand by 0°C	4970 W
Capacity on electrical stand by -20°C	2550 W
Heating Capacity	
On the road	4000 W
Electric Stand By Operation	3200 W
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
Compressor	
Model	QP16
Displacement	163 cm <sup>3</sup>
Number of cylinders	6
Electrical Stand by Motor	
Voltage / Phase / Frequency	230/1/50 -- 230/1/60 -- 400/3/50 -- 380/3/60 -- 230/3/50 -- 230/3/60
Rating	6.4 kW
Refrigerant Charge	
Charge	10: 2.2 -- 20/30: 2.3 -- 50: 2.4 kg
Generic (Boxlength, Refrigerant, ...)	
Box volume	30 - 48 m <sup>3</sup>
Refrigerant	R-404A/R-452A
Airflow	2580 m <sup>3</sup> /hr
Controller	DSR III
Defrost	
Defrost	Automatic hot gas defrost

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

**Features and Options**

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TKDL Datalogger	<input checked="" type="checkbox"/>
Wintrac? (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Door switches	<input type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>

 Not Available

 Standard Feature

 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 installation.

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

### Specifications

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

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

### Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac? (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Door switches	<input type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>

- Not Available  
 Option: Factory Supplied

- Standard Feature  
 Option: Dealer Supplied

**V-800 MAX**
**The most powerful vehicle powered range**

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

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

**Specifications**

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
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
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
Compressor	
Model	QP21
Displacement	215 cm <sup>3</sup>
Number of cylinders	10
Electrical Stand by Motor	
Voltage / Phase / Frequency	400/3/50 -- 400/3/60 -- 230/3/50 -- 230/3/60
Rating	8.2 kW
Refrigerant Charge	
Charge	10/30: 4.7 -- 20/50: 5 kg
Generic (Boxlength, Refrigerant, ...)	
Box volume	42 - 54 m <sup>3</sup>
Refrigerant	R-404A/R-452A
Airflow	2680 m <sup>3</sup> /hr
Controller	DSR III
Defrost	
Defrost	Automatic hot gas defrost

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

**Features and Options**

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac? (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit hoses large (upgrade)	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Door switches	<input type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>

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

## V-200 MAX Spectrum

### Superior temperature control

The V-200 MAX Spectrum is the smallest unit in the V-Series Spectrum platform, created for vans or trucks up to 12 m<sup>3</sup>. It is available with an ES100+ES100 configuration, the smallest evaporators in the range in order to properly address the size limitation of the smallest vans in the market.

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

## Specifications

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
Capacity on engine power ES100 MAX+ES100 MAX -20°C	1750 W
Capacity on electrical stand by -20°C	1170 W
Heating Capacity	
On the road	2800 W
Electric Stand By Operation	2050 W
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
Compressor	
Model	QP13
Displacement	131 cm <sup>3</sup>
Number of cylinders	6
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
Refrigerant Charge	
Charge	1.35 kg
Generic (Boxlength, Refrigerant, ...)	
Box volume	12 m <sup>3</sup>
Refrigerant	R-404A/R-452A
Airflow	695 m <sup>3</sup> /hr
Controller	DSR III
Defrost	
Defrost	Automatic hot gas defrost

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

## Features and Options

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

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

**V-300 MAX Spectrum****Superior temperature control**

The V300 MAX Spectrum unit is capable of cooling vans and trucks up to 16 m<sup>3</sup> and can be configured with three evaporator options (ES150 + ES150, ES200 + ES100, and ES150 + ES100), increasing the flexibility for customers to adapt most efficiently to their transport needs.

- Superior temperature control
- User friendly Direct Smart Reefer
- Flexibility
- Improved reliability of electrical components
- Ease of maintenance and service
- Ease of installation

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



## Specifications

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

## Features and Options

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

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

**V-500 MAX SPECTRUM****Superior temperature control**

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

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

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

## Specifications

Refrigeration Capacity	
<b>System net cooling capacity under A.T.P. conditions at 30 °C ambient</b>	
Capacity on engine power -20°C	2390 W
Capacity on engine power ES300 MAX+ES300 MAX -20°C	2390 W
Capacity on engine power ES300 MAX+ES150 MAX -20°C	2390 W
Capacity on engine power ES300 MAX+2xES150 MAX -20°C	2390 W
Capacity on engine power ES150 MAX+ES150 MAX -20°C	2390 (2 x ES150 + 2 x ES150) W
Capacity on electrical stand by -20°C	2005 W
Capacity on electrical stand by ES300 MAX+ES300 MAX -20°C	2005 W
Capacity on electrical stand by ES300 MAX+ES150 MAX -20°C	2005 W
Capacity on electrical stand by ES300 MAX+2xES150 MAX -20°C	2005 W
Capacity on electrical stand by ES150 MAX+ES150 MAX -20°C	2005 (2 x ES150 + 2 x ES150) W

Refrigeration Capacity: Individual Cooling Capacity	
Capacity on engine power ES150 MAX 0°C	2925 W
Capacity on engine power ES150 MAX -20°C	1580 W
Capacity on engine power 2 X ES150 MAX 0°C	3975 W
Capacity on engine power 2 X ES150 MAX -20°C	2055 W
Capacity on engine power ES300 MAX 0°C	3585 W
Capacity on engine power ES300 MAX -20°C	1930 W
Capacity on electrical stand by ES150 MAX 0°C	2580 W
Capacity on electrical stand by ES150 MAX -20°C	1380 W
Capacity on electrical stand by 2 X ES150 MAX 0°C	3595 W
Capacity on electrical stand by 2 X ES150 MAX -20°C	1770 W
Capacity on electrical stand by ES300 MAX 0°C	3385 W
Capacity on electrical stand by ES300 MAX -20°C	1745 W

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

Airflow	
<b>on high speed engine operation</b>	
2XE150+2XE150	(2x700)+(2x700) m <sup>3</sup> /hr
ES300+2XE150	1185+(2x700) m <sup>3</sup> /hr
ES300+ES150	1185+700 m <sup>3</sup> /hr
ES300+ES300	2x1185 m <sup>3</sup> /hr

Weight	
<b>including battery</b>	
Condenser w/o electric stand-by	53 kg
Condenser with electric stand-by	125 kg
Evaporator ES300 MAX	18 kg
Evaporator ES150 MAX	12.5 kg
Swash Plate Compressor	7.1 kg

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

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

Refrigerant Charge	
Charge	10: 2.3 -- 20/30: 2.4 -- 50: 2.5 kg

Generic (Boxlength, Refrigerant, ...)	
Box volume	22 m <sup>3</sup>
Refrigerant	R-404A/R-452A
Airflow	1185 m <sup>3</sup> /hr
Controller	DSR III

Defrost	
Defrost	Automatic hot gas defrost

## Features and Options

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

Not Available

Standard Feature

Option: Factory Supplied

Option: Dealer Supplied

## V-800 MAX Spectrum

### Superior temperature control

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

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

## Specifications

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

## Features and Options

Life cost management	
ThermoKare Service contracts	<input checked="" type="checkbox"/>
Data capture & communications	
USB Datalogger	<input checked="" type="checkbox"/>
TouchPrint data logger	<input checked="" type="checkbox"/>
Wintrac? (data analysis software)	<input checked="" type="checkbox"/>
Datalogger Jr	<input checked="" type="checkbox"/>
Load Protection	
Bumper feet roof mounting	<input checked="" type="checkbox"/>
HMI holder	<input checked="" type="checkbox"/>
Kit swivel manifold (upgrade)	<input checked="" type="checkbox"/>
Door switches	<input type="checkbox"/>
Din Adapter	<input type="checkbox"/>
Hose Cover	<input type="checkbox"/>

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