

# C-150

## Flexible, protective, and effortless

Quicker temperature pull-down Higher airflow Larger condensing capacity Lightweight and compact design Reduced refrigerant charge Increased efficiency and sustainability Optimized heating performance Suitable for extreme ambient conditions 2-year warranty (unit and parts)

PERFORMANCE					
<b>Refrigeration Capacity</b>			<b>Airflow</b>		
System net cooling capacity under A.T.P. conditions at 30 °C ambient			Independent from unit engine speed		
Capacity on engine power 0°C	W	1 603	Volume @ 0 Pa static pressure	m <sup>3</sup> /hr	745
Capacity on engine power -20°C	W	671			
Capacity on electrical stand by 0°C	W	910			
Capacity on electrical stand by -20°C	W	365			
TECHNICAL DATA					
<b>Generic (Boxlength, Refrigerant, ...)</b>			<b>Weight</b>		
Airflow	m <sup>3</sup> /hr	745	Model 50	kg	23
AVAILABLE EVAP CONFIGURATIONS					
ES100					



## C-250

### Flexible, protective, and effortless

Quicker temperature pull-down Higher airflow Larger condensing capacity Lightweight and compact design Reduced refrigerant charge Increased efficiency and sustainability Optimized heating performance Suitable for extreme ambient conditions 2-year warranty (unit and parts)

#### PERFORMANCE

##### Refrigeration Capacity

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

Capacity on engine power 0°C	W	2 368
Capacity on engine power -20°C	W	1 001
Capacity on electrical stand by 0°C	W	1 937
Capacity on electrical stand by -20°C	W	770

##### Airflow

Independent from unit engine speed

Volume @ 0 Pa static pressure	m <sup>3</sup> /hr	1 100
-------------------------------	--------------------	-------

#### TECHNICAL DATA

##### Generic (Boxlength, Refrigerant, ...)

Airflow	m <sup>3</sup> /hr	1 100
---------	--------------------	-------

##### Weight

Model 50	kg	23
----------	----	----

#### AVAILABLE EVAP CONFIGURATIONS

ES200

# C-350

## Flexible, protective, and effortless

Quicker temperature pull-down Higher airflow Larger condensing capacity Lightweight and compact design Reduced refrigerant charge Increased efficiency and sustainability Optimized heating performance Suitable for extreme ambient conditions 2-year warranty (unit and parts)

### PERFORMANCE

#### Refrigeration Capacity

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

Capacity on engine power 0°C	W	2 793
Capacity on engine power -20°C	W	1 204
Capacity on electrical stand by 0°C	W	2 140
Capacity on electrical stand by -20°C	W	845

#### Airflow

Independent from unit engine speed

Volume @ 0 Pa static pressure	m <sup>3</sup> /hr	1 400
-------------------------------	--------------------	-------

### TECHNICAL DATA

#### Generic (Boxlength, Refrigerant, ...)

Airflow	m <sup>3</sup> /hr	1 400
---------	--------------------	-------

#### Weight

Model 50	kg	23
----------	----	----

### AVAILABLE EVAP CONFIGURATIONS

ES300



## C-450

### Flexible, protective, and effortless

Quicker temperature pull-down Higher airflow Larger condensing capacity Lightweight and compact design Reduced refrigerant charge Increased efficiency and sustainability Optimized heating performance Suitable for extreme ambient conditions 2-year warranty (unit and parts)

#### PERFORMANCE

##### Refrigeration Capacity

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

Capacity on engine power 0°C	W	3 201
Capacity on engine power -20°C	W	1 434

##### Airflow

Independent from unit engine speed

Volume @ 0 Pa static pressure	m <sup>3</sup> /hr	1 650
-------------------------------	--------------------	-------

#### TECHNICAL DATA

##### Generic (Boxlength, Refrigerant, ...)

Airflow	m <sup>3</sup> /hr	1 650
---------	--------------------	-------

##### Weight

Model 50	kg	31
----------	----	----

#### AVAILABLE EVAP CONFIGURATIONS

ES300



## C-550

### Flexible, protective, and effortless

Quicker temperature pull-down Higher airflow Larger condensing capacity Lightweight and compact design Reduced refrigerant charge Increased efficiency and sustainability Optimized heating performance Suitable for extreme ambient conditions 2-year warranty (unit and parts)

#### AVAILABLE EVAP CONFIGURATIONS

ES400

## C-650

---

### **Flexible, protective, and effortless**

Quicker temperature pull-down Higher airflow Larger condensing capacity Lightweight and compact design Reduced refrigerant charge Increased efficiency and sustainability Optimized heating performance Suitable for extreme ambient conditions 2-year warranty (unit and parts)

#### AVAILABLE EVAP CONFIGURATIONS

ES500

## C-750

---

### **Flexible, protective, and effortless**

Quicker temperature pull-down Higher airflow Larger condensing capacity Lightweight and compact design Reduced refrigerant charge Increased efficiency and sustainability Optimized heating performance Suitable for extreme ambient conditions 2-year warranty (unit and parts)

#### AVAILABLE EVAP CONFIGURATIONS

ES600



# V-200

## Superior temperature control

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

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

### PERFORMANCE

#### Refrigeration Capacity

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

Capacity on engine power 0°C	W	2 255
Capacity on engine power -20°C	W	945
Capacity on electrical stand by 0°C	W	1 850
Capacity on electrical stand by -20°C	W	685

#### Airflow

Independent from unit engine speed

Volume @ 0 Pa static pressure	m <sup>3</sup> /hr	1 210
-------------------------------	--------------------	-------

### TECHNICAL DATA

#### Compressor

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

#### Generic (Boxlength, Refrigerant, ...)

Box volume	m <sup>3</sup>	9 - 18
Refrigerant		R-134a
Airflow	m <sup>3</sup> /hr	1 241
Controller		DSR III

#### Weight

Model 30	kg	25
Model 50	kg	75
Installation kit	kg	24
Condenser w/o electric stand-by	kg	25
Condenser with electric stand-by	kg	43
Evaporator	kg	15
Swash Plate Compressor	kg	6.9

#### Defrost

Defrost		Automatic hot gas defrost
---------	--	---------------------------

#### Unit Dimensions

Height	mm	222
Width	mm	1 180
Depth	mm	485
Condenser w/o electric stand-by Height	mm	242
Condenser w/o electric stand-by Width	mm	789
Condenser w/o electric stand-by Depth	mm	500
Condenser with electric stand-by Height	mm	221
Condenser with electric stand-by Width	mm	1 180
Condenser with electric stand-by Depth	mm	485
Evaporator Height	mm	133
Evaporator Width	mm	985
Evaporator Depth	mm	525
In-cab Controls Height	mm	46
In-cab Controls Width	mm	135
In-cab Controls Depth	mm	25

#### Electrical Stand by Motor

Voltage / Phase / Frequency		230/1/50 -- 230/1/60 -- 400/3/50 -- 230/3/50 -- 230/3/60
Rating	kW	3.7

## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

### Noise

Road Mode	dB(A)	85
-----------	-------	----

### Refrigerant

Charge	kg	10: 1.0 -- 20:
		1.2

### AVAILABLE EVAP CONFIGURATIONS

ES100, ES100N, ES200

## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	STANDARD FEATURE	OPTION / FACTORY FITTED	OPTION / DEALER FITTED
<b>Life cost management</b>			
ThermoKare Service contracts			x
<b>Data capture &amp; communications</b>			
USB Datalogger			x
TouchPrint data logger			x
Wintrac (data analysis software)			x
Datalogger Jr			x
<b>Load Protection</b>			
Hose extention 2 m/4 m/6 m		x	
Bumper feet roof mounting	x		
HMI holder	x		
Kit hoses large (upgrade)	x		
Kit swivel manifold (upgrade)	x		
Din Adapter		x	
Hose Cover		x	
Muffler kit		x	
Snow Cover (kit deflector Small)		x	
Harness Extension 2m/4m/6m		x	
Door switches		x	

## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE



**Condenser** Width 789 mm x Depth 500 mm x Height 242 mm

# V-200s MAX

## Superior temperature control

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

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

### PERFORMANCE

#### Refrigeration Capacity

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

Capacity on engine power 0°C	W	2 410
Capacity on engine power -20°C	W	1 180
Capacity on electrical stand by 0°C	W	1 500
Capacity on electrical stand by -20°C	W	650

#### Heating Capacity

On the road	W	2 200
Electric Stand By Operation	W	1 300

#### Airflow

Independent from unit engine speed

Volume @ 0 Pa static pressure	m <sup>3</sup> /hr	1 001
-------------------------------	--------------------	-------

### TECHNICAL DATA

#### Compressor

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

#### Weight

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

#### Unit Dimensions

Height	mm	242
Width	mm	789
Depth	mm	500
Condenser Height	mm	242
Condenser Width	mm	789
Condenser Depth	mm	500
Evaporator Height	mm	187
Evaporator Width	mm	755
Evaporator Depth	mm	540

#### Noise

#### Generic (Boxlength, Refrigerant, ...)

Box volume	m <sup>3</sup>	10 - 19
Refrigerant		R-452A
Airflow	m <sup>3</sup> /hr	1 000
Controller		DSR III

#### Defrost

Defrost		Automatic hot gas defrost
---------	--	---------------------------

#### Engine

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

#### Refrigerant

## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

Road Mode

dB(A)

84

Charge

kg

1.2

## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	STANDARD FEATURE	OPTION / FACTORY FITTED	OPTION / DEALER FITTED
<b>Life cost management</b>			
ThermoKare Service contracts			x
<b>Data capture &amp; communications</b>			
USB Datalogger			x
TouchPrint data logger			x
Wintrac (data analysis software)			x
Datalogger Jr			x
<b>Load Protection</b>			
Bumper feet roof mounting	x		
HMI holder	x		
Kit hoses large (upgrade)	x		
Kit swivel manifold (upgrade)	x		
Din Adapter		x	
Hose Cover		x	
Muffler kit		x	
Snow Cover (kit deflector Small)		x	
Door switches		x	



## 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

#### PERFORMANCE

##### Refrigeration Capacity

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

Capacity on engine power 0°C	W	2 770
Capacity on engine power -20°C	W	1 460
Capacity on electrical stand by 0°C	W	1 970
Capacity on electrical stand by -20°C	W	1 130

##### Heating Capacity

On the road	W	2 800
Electric Stand By Operation	W	2 050

##### Airflow

Independent from unit engine speed

Volume @ 0 Pa static pressure	m <sup>3</sup> /hr	1 241
-------------------------------	--------------------	-------

#### TECHNICAL DATA

##### Compressor

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

##### Generic (Boxlength, Refrigerant, ...)

Box volume	m <sup>3</sup>	13 - 22
Refrigerant		R-404A/R-452A
Airflow	m <sup>3</sup> /hr	1 100
Controller		DSR III

##### Weight

Model 30	kg	25
Model 50	kg	75
Installation kit	kg	24
Condenser w/o electric stand-by	kg	25
Condenser with electric stand-by	kg	43
Evaporator	kg	15
Swash Plate Compressor	kg	6.9

##### Defrost

Defrost		Automatic hot gas defrost
---------	--	---------------------------

##### Unit Dimensions

Height	mm	222
Width	mm	1 180
Depth	mm	485
Condenser w/o electric stand-by Height	mm	242
Condenser w/o electric stand-by Width	mm	789
Condenser w/o electric stand-by Depth	mm	500
Condenser with electric stand-by Height	mm	221

##### Electrical Stand by Motor

Voltage / Phase / Frequency		230/1/50 -- 230/1/60 -- 400/3/50 -- 230/3/50 -- 230/3/60
Rating	kW	3.7

## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

Condenser with electric stand-by Width	mm	1180
Condenser with electric stand-by Depth	mm	485
Evaporator Height	mm	133
Evaporator Width	mm	985
Evaporator Depth	mm	525
In-cab Controls Height	mm	46
In-cab Controls Width	mm	135
In-cab Controls Depth	mm	25

### Noise

Road Mode	dB(A)	85
-----------	-------	----

### Refrigerant

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

## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	STANDARD FEATURE	OPTION / FACTORY FITTED	OPTION / DEALER FITTED
<b>Life cost management</b>			
ThermoKare Service contracts			x
<b>Data capture &amp; communications</b>			
USB Datalogger			x
TouchPrint data logger			x
Wintrac (data analysis software)			x
Datalogger Jr			x
<b>Load Protection</b>			
Hose extention 2 m/4 m/6 m		x	
Bumper feet roof mounting	x		
HMI holder	x		
Kit hoses large (upgrade)	x		
Kit swivel manifold (upgrade)	x		
Din Adapter		x	
Hose Cover		x	
Muffler kit		x	
Snow Cover (kit deflector Small)		x	
Harness Extension 2m/4m/6m		x	
Door switches		x	



# V-300

## Superior Temperature Control

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

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

### PERFORMANCE

#### Refrigeration Capacity

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

Capacity on engine power 0°C	W	2 965
Capacity on engine power -20°C	W	1 260
Capacity on electrical stand by 0°C	W	2 090
Capacity on electrical stand by -20°C	W	865

#### Airflow

Independent from unit engine speed

Volume @ 0 Pa static pressure	m <sup>3</sup> /hr	2 033
-------------------------------	--------------------	-------

### TECHNICAL DATA

#### Compressor

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

#### Generic (Boxlength, Refrigerant, ...)

Box volume	m <sup>3</sup>	10 - 25
Refrigerant		R-134a
Airflow	m <sup>3</sup> /hr	1 400
Controller		DSR III

#### Weight

Model 30	kg	25
Model 50	kg	75
Installation kit	kg	24
Condenser w/o electric stand-by	kg	30
Condenser with electric stand-by	kg	70
Evaporator	kg	18
Swash Plate Compressor	kg	6.8

#### Defrost

Defrost		Automatic hot gas defrost
---------	--	---------------------------

#### Unit Dimensions

Height	mm	222
Width	mm	1 180
Depth	mm	485
Condenser w/o electric stand-by Height	mm	242
Condenser w/o electric stand-by Width	mm	789
Condenser w/o electric stand-by Depth	mm	500
Condenser with electric stand-by Height	mm	221
Condenser with electric stand-by Width	mm	1 180
Condenser with electric stand-by Depth	mm	485
Evaporator Height	mm	178
Evaporator Width	mm	985
Evaporator Depth	mm	551
In-cab Controls Height	mm	46
In-cab Controls Width	mm	135
In-cab Controls Depth	mm	25

#### Electrical Stand by Motor

Voltage / Phase / Frequency		230/1/50 -- 230/1/60 -- 400/3/50 -- 230/3/50 -- 230/3/60
Rating	kW	3.7

## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

### Noise

Road Mode	dB(A)	85
-----------	-------	----

### Refrigerant

Charge	kg	10: 1.1 -- 20: 1.3
--------	----	-----------------------

### AVAILABLE EVAP CONFIGURATIONS

ES300

## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	STANDARD FEATURE	OPTION / FACTORY FITTED	OPTION / DEALER FITTED
<b>Life cost management</b>			
ThermoKare Service contracts			x
<b>Data capture &amp; communications</b>			
USB Datalogger			x
TouchPrint data logger			x
Wintrac (data analysis software)			x
Datalogger Jr			x
<b>Load Protection</b>			
Hose extention 2 m/4 m/6 m		x	
Bumper feet roof mounting	x		
HMI holder	x		
Kit hoses large (upgrade)	x		
Kit swivel manifold (upgrade)	x		
Din Adapter		x	
Hose Cover		x	
Muffler kit		x	
Snow Cover (kit deflector Small)		x	
Harness Extension 2m/4m/6m		x	
Door switches		x	



# V-300 MAX

## Superior temperature control

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

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

### PERFORMANCE

#### Refrigeration Capacity

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

Capacity on engine power 0°C	W	3 330
Capacity on engine power -20°C	W	1 840
Capacity on electrical stand by 0°C	W	2 840
Capacity on electrical stand by -20°C	W	1 235

#### Heating Capacity

On the road	W	3 100
Electric Stand By Operation	W	2 250

#### Airflow

Independent from unit engine speed

Volume @ 0 Pa static pressure	m <sup>3</sup> /hr	1 379
-------------------------------	--------------------	-------

### TECHNICAL DATA

#### Compressor

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

#### Generic (Boxlength, Refrigerant, ...)

Box volume	m <sup>3</sup>	17 - 28
Refrigerant		R-452A
Airflow	m <sup>3</sup> /hr	1 400
Controller		DSR III

#### Weight

Model 30	kg	25
Model 50	kg	75
Installation kit	kg	24
Condenser w/o electric stand-by	kg	25
Condenser with electric stand-by	kg	70
Evaporator	kg	18
Swash Plate Compressor	kg	6.8

#### Defrost

Defrost		Automatic hot gas defrost
---------	--	---------------------------

#### Unit Dimensions

Height	mm	222
Width	mm	1 180
Depth	mm	485
Condenser w/o electric stand-by Height	mm	242
Condenser w/o electric stand-by Width	mm	789
Condenser w/o electric stand-by Depth	mm	500
Condenser with electric stand-by Height	mm	221
Condenser with electric stand-by Width	mm	1 180
Condenser with electric stand-by Depth	mm	485
Evaporator Height	mm	178
Evaporator Width	mm	985
Evaporator Depth	mm	551
In-cab Controls Height	mm	46

#### Electrical Stand by Motor

Voltage / Phase / Frequency		230/1/50 -- 230/1/60 -- 400/3/50 -- 230/3/50 -- 230/3/60
Rating	kW	3.7

## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

In-cab Controls Width	mm	135
In-cab Controls Depth	mm	25

### Noise

Road Mode	dB(A)	85
-----------	-------	----

### Refrigerant

Charge	kg	10/30: 1.1 -- 20/50: 1.3
--------	----	-----------------------------

## DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	STANDARD FEATURE	OPTION / FACTORY FITTED	OPTION / DEALER FITTED
<b>Life cost management</b>			
ThermoKare Service contracts			x
<b>Data capture &amp; communications</b>			
USB Datalogger			x
TouchPrint data logger			x
Wintrac (data analysis software)			x
Datalogger Jr			x
<b>Load Protection</b>			
Hose extention 2 m/4 m/6 m		x	
Bumper feet roof mounting	x		
HMI holder	x		
Kit hoses large (upgrade)	x		
Kit swivel manifold (upgrade)	x		
Din Adapter		x	
Hose Cover		x	
Muffler kit		x	
Snow Cover (kit deflector Small)		x	
Harness Extension 2m/4m/6m		x	
Door switches		x	



## V-400X

### High performance, sustainable refrigeration with precise temperature control

The in-cab controller enables single- and multi-temperature control within 1°C. Low noise, zero exhaust emissions, and no engine reduce the ecological footprint of the VX-Series. The ultra-light and compact units enable you to maximize your payload. The future-proof aerodynamic design has been developed to meet the needs of daily operations.

#### PERFORMANCE

Refrigeration Capacity			Airflow		
System net cooling capacity under A.T.P. conditions at 30 °C ambient			Independent from unit engine speed		
Capacity on engine power 0°C	W	3 212	Airflow	m <sup>3</sup> /hr	1 990
Capacity on engine power -20°C	W	Not applicable	Volume @ 0 Pa static pressure	m <sup>3</sup> /hr	1 990
Capacity on electrical stand by 0°C	W	2 366			
Capacity on electrical stand by -20°C	W	Not applicable			

#### TECHNICAL DATA

High Speed Diesel Capacity			Generic (Boxlength, Refrigerant, ...)		
Cooling Capacity HSD 0°/30°		3 212	Airflow	m <sup>3</sup> /hr	1 990
Weight			Refrigerant		
Total Unit Weight (30 Model)		25	Refrigerant Weight		1.3
Total Unit Weight (50 Model)		75			
Model 50	kg	75			

#### AVAILABLE EVAP CONFIGURATIONS

ES100		ES200	
ES300			



## V-400X MAX

### High performance, sustainable refrigeration with precise temperature control

The in-cab controller enables single- and multi-temperature control within 1°C. Low noise, zero exhaust emissions, and no engine reduce the ecological footprint of the VX-Series. The ultra-light and compact units enable you to maximize your payload. The future-proof aerodynamic design has been developed to meet the needs of daily operations.

#### PERFORMANCE

Refrigeration Capacity		
System net cooling capacity under A.T.P. conditions at 30 °C ambient		
Capacity on engine power 0°C	W	4 082
Capacity on engine power -20°C	W	2 237
Capacity on electrical stand by 0°C	W	3 026
Capacity on electrical stand by -20°C	W	1 496

Airflow		
Independent from unit engine speed		
Volume @ 0 Pa static pressure	m <sup>3</sup> /hr	1 990

#### TECHNICAL DATA

Generic (Boxlength, Refrigerant, ...)		
Airflow	m <sup>3</sup> /hr	1 990

Weight		
Model 50	kg	75



**Condenser** Width 1864 mm x Depth 588 mm x Height 536 mm

# V-500X

## High performance, sustainable refrigeration with precise temperature control

The in-cab controller enables single- and multi-temperature control within 1°C. Low noise, zero exhaust emissions, and no engine reduce the ecological footprint of the VX-Series. The ultra-light and compact units enable you to maximize your payload. The future-proof aerodynamic design has been developed to meet the needs of daily operations.

### PERFORMANCE

#### Refrigeration Capacity

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

Capacity on engine power 0°C	W	4 190
Capacity on engine power -20°C	W	Not applicable
Capacity on electrical stand by 0°C	W	2 560
Capacity on electrical stand by -20°C	W	Not applicable

#### Airflow

Independent from unit engine speed

Volume @ 0 Pa static pressure	m <sup>3</sup> /hr	2 353
-------------------------------	--------------------	-------

### TECHNICAL DATA

#### Compressor

Model		QP25
Displacement	cm <sup>3</sup>	250
Number of cylinders		10

#### Weight

Total Unit Weight (30 Model)		53
Model 50	kg	125
Condenser w/o electric stand-by	kg	96
Condenser with electric stand-by	kg	205
Evaporator	kg	50
Swash Plate Compressor	kg	8.7

#### Unit Dimensions

Condenser Height	mm	536
Condenser Width	mm	1864
Condenser Depth	mm	588

#### Refrigerant

Charge	kg	10: 5.4 // 20: 5.7
--------	----	--------------------

#### Generic (Boxlength, Refrigerant, ...)

Refrigerant		R-134a
Airflow	m <sup>3</sup> /hr	2 353
Controller		DSR III

#### Defrost

Defrost		Automatic hot gas defrost
---------	--	---------------------------

#### Electrical Stand by Motor

Voltage / Phase / Frequency		400/3/50 - 230/3/50 - 400/3/60 - 230/3/60
Rating	kW	8,8

### AVAILABLE EVAP CONFIGURATIONS

ES500



## V-500X MAX

### High performance, sustainable refrigeration with precise temperature control

The in-cab controller enables single- and multi-temperature control within 1°C. Low noise, zero exhaust emissions, and no engine reduce the ecological footprint of the VX-Series. The ultra-light and compact units enable you to maximize your payload. The future-proof aerodynamic design has been developed to meet the needs of daily operations.

#### PERFORMANCE

Refrigeration Capacity		
System net cooling capacity under A.T.P. conditions at 30 °C ambient		
Capacity on engine power 0°C	W	5 440
Capacity on engine power -20°C	W	3 030
Capacity on electrical stand by 0°C	W	3 450
Capacity on electrical stand by -20°C	W	1 640

Airflow		
Independent from unit engine speed		
Airflow HSD		2 353
Volume @ 0 Pa static pressure	m <sup>3</sup> /hr	2 353

#### TECHNICAL DATA

Generic (Boxlength, Refrigerant, ...)		
Airflow	m <sup>3</sup> /hr	2 353

Weight		
Model 50	kg	125



## V-600X MAX

### High performance, sustainable refrigeration with precise temperature control

The in-cab controller enables single- and multi-temperature control within 1°C. Low noise, zero exhaust emissions, and no engine reduce the ecological footprint of the VX-Series. The ultra-light and compact units enable you to maximize your payload. The future-proof aerodynamic design has been developed to meet the needs of daily operations.

#### PERFORMANCE

##### Refrigeration Capacity

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

Capacity on engine power 0°C	W	6 538
Capacity on engine power -20°C	W	3 473
Capacity on electrical stand by 0°C	W	4 105
Capacity on electrical stand by -20°C	W	1 916

##### Airflow

Independent from unit engine speed

Volume @ 0 Pa static pressure	m <sup>3</sup> /hr	2 505
-------------------------------	--------------------	-------

#### TECHNICAL DATA

##### Generic (Boxlength, Refrigerant, ...)

Airflow	m <sup>3</sup> /hr	2 505
---------	--------------------	-------

##### Weight

Model 50	kg	125
----------	----	-----

#### AVAILABLE EVAP CONFIGURATIONS

ES100N, ES150, ES300, ES500, ES600