Carrier TRANSICOLD

Selection Guide

YOU CARRY
WE CARE

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Our company is constantly seeking to improve the quality of its products and therefore reserves the right to modify their characteristics without prior notice.

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Corporate introduction

- Leading provider of refrigeration equipment for temperature-controlled transport
- Europe, Russia, Middle East and Africa
- 14 subsidiaries
- 45 independent distributors
- 600 + Carrier Service Stations
- 2 000 + technicians
- Carrier Transicold belongs to United Technologies Corporation
- 211 500 employees
- $ 65,1 billion Net Sales in 2014

www.carriertransicold.eu

ATP Regulation

Extract of A.T.P Europe regulations (March 1974)

- ATP ensure the minimum equipment specification for international transport.
- Ensure the quality of perishable goods during their transportation
- Are revised each year by a United Nations working group

Approval of vehicles destined for the carriage of perishable goods.

Before putting a refrigerated vehicle into use, it must be approved by the regional health authorities.

Characteristics of vehicles used for carrying perishable goods.

The refrigerated unit is an insulated unit with a cooling system which makes it possible, at a mean outside temperature of +30°C, to lower the temperature inside the empty body and to maintain this low temperature as follows:

Class A:

Refrigerated unit equipped with a cooling system allowing the selection of temperatures between +12°C and 0°C inclusive.

Class B:

Refrigerated unit equipped with a cooling system allowing the selection of temperatures between +12°C and -10°C inclusive.

Class C:

Refrigerated unit equipped with a cooling system allowing the selection of temperatures between +12°C and -20°C inclusive.

The cooling capacity of a unit is determined by a test carried out in one of the registered testing centers and certified by an official report.

Test results are valid for 6 years.

ATP Regulation

Signs, identification :

This reference must be followed by the appropriate identification marks from the following list:

Standard Class A refrigerated unit ..... FNA

Reinforced Class A refrigerated unit ..... FRA

Reinforced Class B refrigerated unit ..... FRB

Reinforced Class C refrigerated unit ..... FRC

In addition to the above identification marks, the date (month and year) of expiry of the approval certificate must be indicated.

Example: MODEL FRC
6 - 2010 (6 = June, 2010 = year)

Important:

Check the expiry date of the approval certificate regularly. This certificate, or equivalent temporary approval documents, must be supplied when requested by qualified persons.
In the case of transformation of an insulated vehicle for refrigerated operation, a request for modification of the approval certificate must be addressed to the regional health authorities.

Note:

There are other rules and regulations applicable to the transport of temperature-sensitive cargo (ARI for the USA – JIS for Japan). For further information on these regulations, please contact our technical departments.

Refrigeration units presented in this selection guide are compliant with ATP regulation in force at the time of their sales.

Any modification, transformation or diverted use from a product designed for the transport of perishable foodstuffs can be made only under the full responsibility of the bodybuilder, the rental company and/or the transport company with impossibility to look for the liability of manufacturer or the seller of the refrigeration unit.

Calculating the vehicle body's thermal rating

To determine the thermal rating of the vehicle body, use one of the following formulae:

- Ventilated units:
  P = K x Ms x ΔT (int.T - ext.T) x 1,75

- Refrigeration units:
  P= K x Ms x ΔT (int.T - ext.T) x 1,35

P =	**Quantity of heat (in Watts) penetrating through the body** walls for refrigeration applications, or quantity of cold air penetrating inside the body for heating applications.
K =	**Isothermal factor of the body in Watts per m² x °K (Kelvin).**
Ms =	**Mean body surface area in m²** calculated as follows: Ms = √ (int. s x ext. s) int. s: total interior surface area of all body walls ext. s: total exterior surface area of all body walls.
int.T:	- **minimum temperature (in centigrade) to be obtained** inside the body for regulated temperature applications. - maximum temperature (in centigrade) to be obtained inside the body for heating applications.
ext.T:	- **maximum outside temperature (in centigrade) for regulated** temperature applications. - minimum outside temperature (in centigrade) heating applications.
1,75:	**Minimum ATP safety factor for ventilated evaporator units** (power tests).
1,35:	**Minimum ATP safety factor for eutectic refrigeration units** (power tests).

Transport temperature

During loading, check the internal temperature of the goods to be transported.

Frozen products

-25°C	Ice and ice cream
-18°C	Deep frozen foods
-18°C	Fishery products
-14°C	Butter and edible fats, including cream to be used for butter making
-12°C	Egg products, offal, rabbit, poultry and game
-10°C	Meat

Chilled products

+2°C	Fresh fish (in ice), crustaceans and shellfish (excluding live ones)
+3°C	Cooked dishes and prepared foods, pastry creams, fresh pastries, sweet dishes and egg products
+3°C	Meat and cooked meats pre-packaged for consumer use
+3°C	Offal
+3°C	Poultry, rabbit and game
+4°C	Non-sterilized, untreated, unpasteurized or fermented milk, fresh cream, cottage cheese and curd
+6°C	Milk for industrial processing
+6°C	Cooked meats other than those which have been salted, smoked, dried or sterilized
+6°C	Chilled eggs in their shells
+6°C	Butter, soft or blue cheeses
+7°C	Meat

Without prior chilling

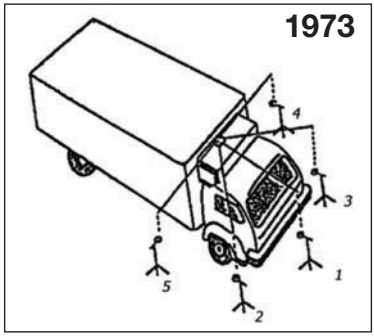
+4/6°C	Fresh fruit and vegetables
+4/6°C	Flowers
+7/8°C	Bulbs
+10°C	Non-stabilized animal fats other than butter
+10°C	Pressed or cooked cheeses

The above information is given for reference purposes only, and may be overridden on the transporter or the consignee's advice. More detailed information may be obtained from your Carrier Transicold distributor.

Regulations about noise emissions

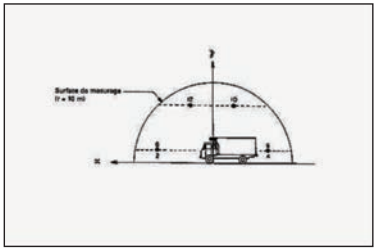
DIN 8958

- Measure the Noise level with 5 microphones to find a Sound Pressure value.
- Calculate a value similar to human ear perception in dB
- The " Sound Pressure" is subjective because it depends on distance (7m; 1,2m), environment, temperature, wind…

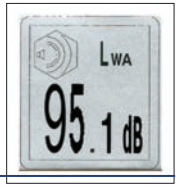


CE 2000-14 (NFR10-304)

- Close the source in a virtual hemisphere created by 6 microphones
- Calculate the Sound power provided by the source of sound
- Whatever the external conditions and distance of receiving are, the "Sound power" is always the same.



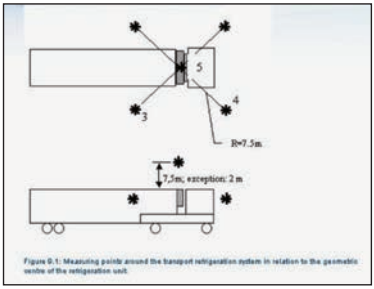
This is mandatory / sticker on unit



TNO-Piek

- This is not a regulation, but a label from Netherlands for night time urban distribution.
- Values are given in sound pressure
- SOUND PRESSURE

07.00 - 19.00	No Limit
19.00 - 22.30	< 65 dBA
22.30 - 07.00	< 60 dBA



How to select a refrigeration unit

What sort of informations are required to make the right selection?

Selecting a refrigeration unit depends on many factors (see below). Users are therefore recommended to read all the chapters in this manual before selecting their refrigeration unit.
All these info should be provided before ordering the unit:

- Interior and exterior length of the body,
- Interior and exterior width of the body,
- Interior and exterior height of the body,
- K factor of the body
- Configuration of the box
  Partition (mobile or fixed)
  Evaporator position
- Number of door opening
- Ambient temperature,
- Temperature required inside compartments,
- Products to be transported,
- Road operation and / or standby operation,
- Type of use (long distance, local distribution, etc.),
- Other useful information.

For engine driven units*, it is also necessary to provide following information to select appropriate accessories to drive our units:

- Vehicle battery voltage (12V or 24V),
- Air Conditioning (AC) or not,
- Alternator amperage,
- Type of engine,
- Engine displacement,
- Other useful information.

Our technicians are at your disposal to assist you in selecting a unit which corresponds to your customer's requirements.
* "The unit selection must be in accordance with the unit specification detailed in the technical documentation. Our technicians are at your disposals..."

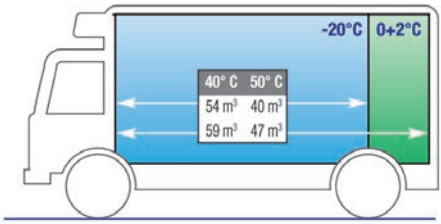
* Neos, Viento, Xarios, Pulsor and Supra City Z.

Guidance

- The characteristics of the units described in this guide are given for guidance only and correspond to the ATP requirements applicable on the date of printing.

- A diagram indicates the maximum recommended volumes for use of each refrigeration unit, based on the ambient temperature and the temperature required inside the truck body

Blue: use temperature -20°C,
Green: use temperature from 0 to +2°C



- Selecting refrigeration units in relation to body/box volume is based on the following criteria:

- safety coefficients:

at 0°C: 4.5 instead of 1.75 (ATP regulation)
at -20°C: 2.5 instead of 1.75 (ATP regulation)

These coefficients cover the types of applications most commonly encountered and take into account the deterioration over time of the isothermal K value. Do not forget to compare the thermal rating of the box with the refrigerating capacity of the unit on standby operation if the unit is frequently used on standby

- door openings:

Safety coefficients authorize 20 door openings for 3 minutes each over a period of 8 hours. If the frequency of opening is likely to be higher, we recommend you increase the refrigerating capacity by 5% for every ten additional openings.

- For vehicles which do not correspond to the standards indicated above, you should calculate the heat balance for the body/box (p. 6) or contact your local Carrier representative.

Recommendations

The following recommendations should be observed when using refrigeration units.

In a very cold climate:
- Units which operate in a very cold climate require high quality oil corresponding to the manufacturer's specifications, a diesel fuel heater and low temperature-resistant coolant.
- For temperature control, units should not be allowed to shut down automatically with the diesel engine.

For LCV units
- Hot gas heating is recommended when transporting goods requiring positive temperatures (≥ 0°C).

In a hot climate:
- Units which operate in a very hot climate require high-quality oil corresponding to the manufacturer's specifications
- Units equipped with Start-Stop mechanisms should not be allowed to stop during temperature control use with frozen products onboard.
- The vehicle should always be parked in the shade.

When loading:
- Do not obstruct the evaporator with the loaded goods.
- Make sure that air circulation is not impeded (for example, when loading film-covered pallets, make sure that the air can flow back unobstructed under the pallets).

When transporting fresh products:
- Defrost manually 30 minutes after loading.

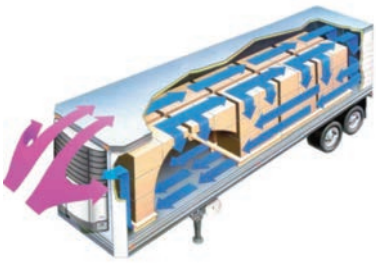
When transporting frozen products:
- If the hygrometry ratio is high, initiate a manual defrost 30 minutes after loading.
- Shut down the unit when you open the doors to avoid excessive frosting of the evaporator.

When transporting ice cream:
- Use protective curtains if the doors are to be opened frequently.
- Shut down the unit when you open the doors.
- With small-bodied vehicles (< 22 m^3) choose an electric system in preference to a direct drive mechanism.

For urban deliveries:
- Use protective curtains.
- Shut down the unit when you open the doors.
- Before loading, pre-refrigerate the vehicle body to a temperature at least as low as that of the goods to be transported.

For long journeys:
- Check that the unit is operating correctly.
- In the event of a problem arising, contact the nearest service center, or call our 24-hours-a-day, 7-days-a-week service as soon as possible.

Always:
- Take regular care of your unit as advised by CARRIER in order to avoid any unnecessary problems.



What you will find in this guide

SUPRA 1250 MT

Total flexibility for multi-product deliveries with ultra-slim evaporators that can be adapted to large configuration requirement

Main product's picture

Weight without accessories

Main benefits

Body opening : L 100 x H 100 mm

Benefits
Exceptional performance characteristics
High reliability
Improved service accessibility
Large choice of evaporators

Model	Condenser weight	Sound power Lwa
S (Road & Standby)	586 kg	99 db

Sound power (sticker value, see page 8)

Cab command

Recommended body volume (see page 10)

What you will find in this guide

SUPRA 1250 MT

ATP - Certificate n°		M 835					
Nominal capacity at -20°C / 30°C		7200 W					
Evaporator		**MTS 700**	**MTS 1100**	**MTS 1450**	**MTS 2200**	**MTD 1450**	**MTD 2200**
Diesel High Speed capacity							
0°C / 30 ° C	W	6100	8550	9500	10500	9910	11400
-20°C / 30 ° C	W	3400	5000	5700	5850	5630	6300
Standby capacity							
0°C / 30 ° C	W	5900	8100	8900	9600	9170	10000
-20°C / 30 ° C	W	3200	4800	5350	5450	5730	5950
Airflow (constant in low / high speed)							
(AMCA 21085)	m^3/h	1100	2100	2400	3500	2350	3600
Heating Capacity							
Diesel High speed 18°C/-18°C	W	4680	4710	4890	5200	4890	5200
Standby 18°C/-18°C	W	4270	4320	4530	4770	4530	4770

Compressor		
Model		05G
Nb of Cylinders		6
Displacement	cm^3	600
Diesel engine		
Model		CT3-69TV
Nb of Cylinders		3
Displacement	cm^3	1123
Oil change interval	hrs	1000
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz
Power (50 Hz)	kW	9

Refrigerant		
Type		R404A
Charge	Depending on configuration	
Sound pressure high speed		
Standard	dBA	69,2
Sound pressure low speed		
Standard	dBA	65,7
Sound pressure standby		
Standard	dBA	62,2

Standard equipment

(S model)
- By-pass oil filter
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart

Accessories or options
- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Water drain for evaporator

Capacities and airflow

Refrigerant's charge

Sound pressure (see page 8)

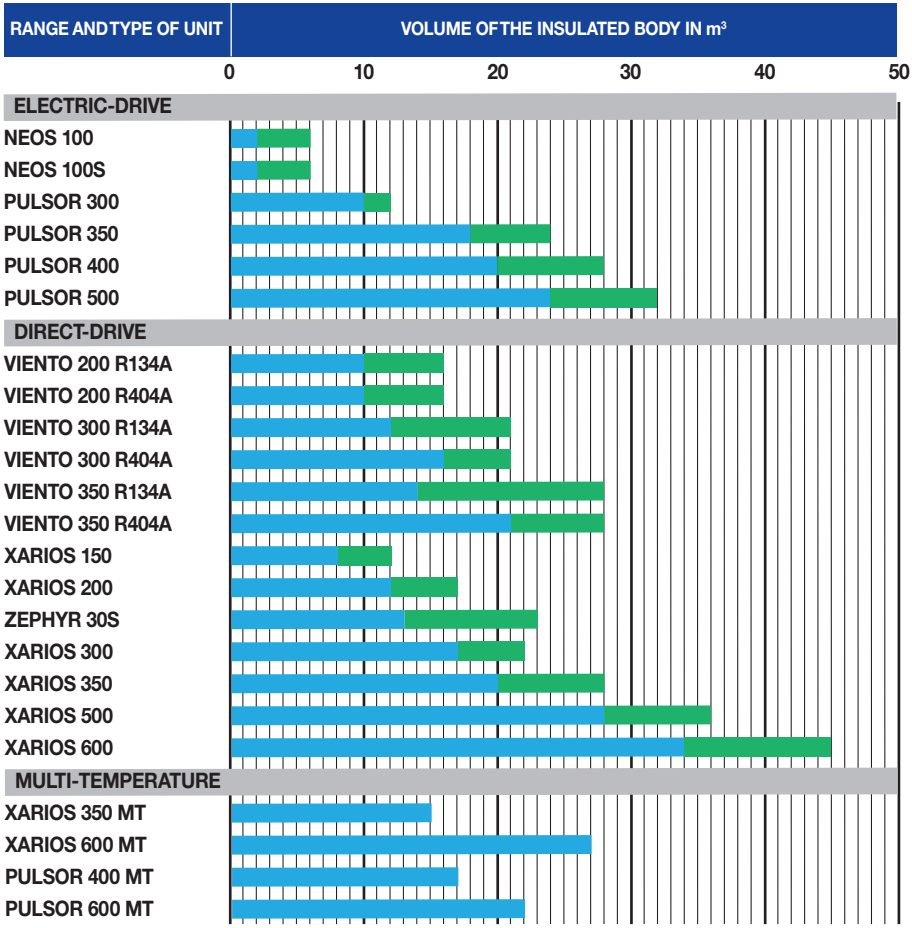
Technical datas

List of main options

Description of main features for each version available

Line up for LCV units to 30°c

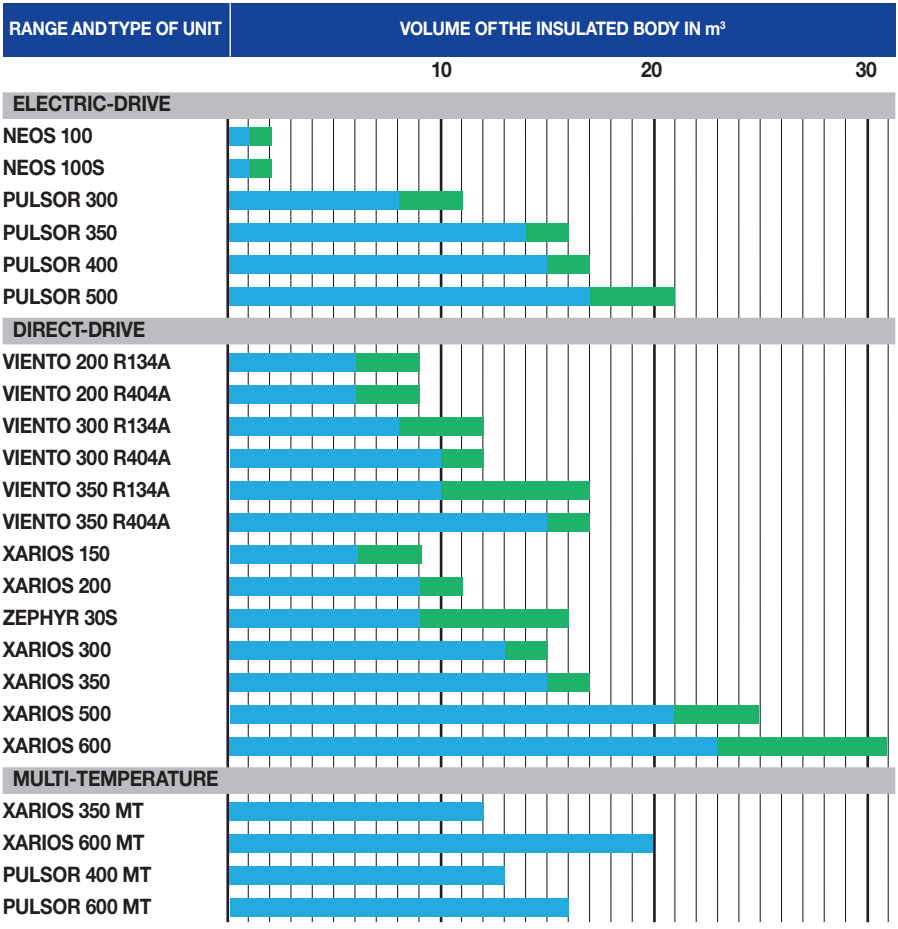
Classification	C	A
Temperature	-20°C (-4°F)	0° +2°C (+32° +35°F)
Required K factor	0,38 Watts/m² °C	



Note: This selection table is intended as a guide. It has been compiled using experience acquired in normal utilization of our equipment in transport and distribution.
Conformity to these recommendations should guarantee your total satisfaction. **The maximum volumes indicated in the table above are given for a road operation at 2400 rpm. Since the speed of the road compressor depends on the vehicle motor speed, the unit's refrigerating capacity varies in relation to the use made of the vehicle (except for Pulsor & Neos). Take into account the unit's standby performance characteristics or consult us if the unit is frequently used on standby.**
In case of operation in high ambient temperature or for difficult types of transport (fresh meat, cheese, vegetables, etc.), it is advised to base your choice on a volume equivalent to the next lowest temperature range. For example, with a XARIOS 300 - R404A, volume should not exceed 17 m³. When one of the parameters (volume, K factor or outside temperature) differs from the above data, you should apply the following formula: • P = K x Ms x ΔT x 1,75 after referring to the refrigerating capacities.
LIMITS OF USE OF THE ABOVE TABLE: • Altitude ≤ 1500 m • Relative humidity ≤ 70%. For other conditions of use, please consult us.

Line up for LCV units to 40°c

Classification	C	A
Temperature	-20°C (-4°F)	0° +2°C (+32° +35°F)
Required K factor	0,38 Watts/m² °C	



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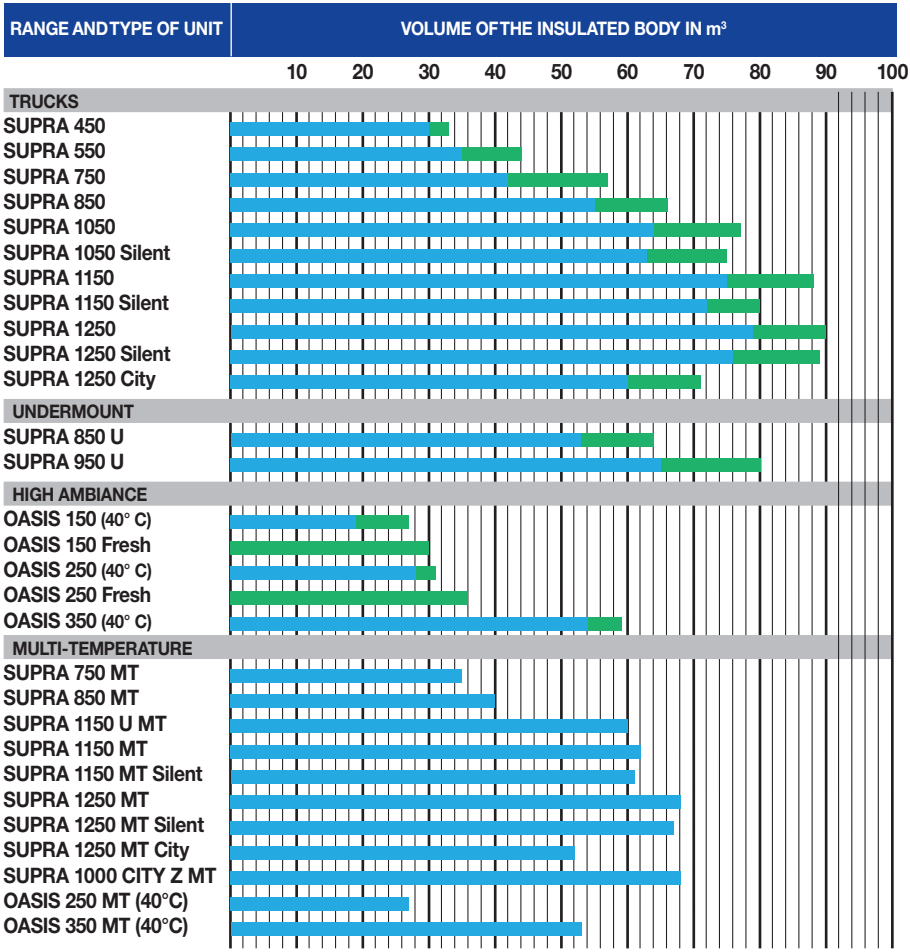
Conformity to these recommendations should guarantee your total satisfaction. **The maximum volumes indicated in the table above are given for a road operation at 2400 rpm. Since the speed of the road compressor depends on the vehicle motor speed, the unit's refrigerating capacity varies in relation to the use made of the vehicle (except for Pulsor & Neos). Take into account the unit's standby performance characteristics or consult us if the unit is frequently used on standby.**
In case of operation in high ambient temperature or for difficult types of transport (fresh meat, cheese, vegetables, etc.), it is advised to base your choice on a volume equivalent to the next lowest temperature range. For example, with a XARIOS 300 - R404A, volume should not exceed 17 m³. When one of the parameters (volume, K factor or outside temperature) differs from the above data, you should apply the following formula: • P = K x Ms x ΔT x 1,75 after referring to the refrigerating capacities.
LIMITS OF USE OF THE ABOVE TABLE: • Altitude ≤ 1500 m • Relative humidity ≤ 70%. For other conditions of use, please consult us.

Line up for truck to 30°C

Classification	C	A
Temperature	-20°C (-4°F)	0° +2°C (+32° +35°F)
Required K factor	0,38 Watts/m² °C	

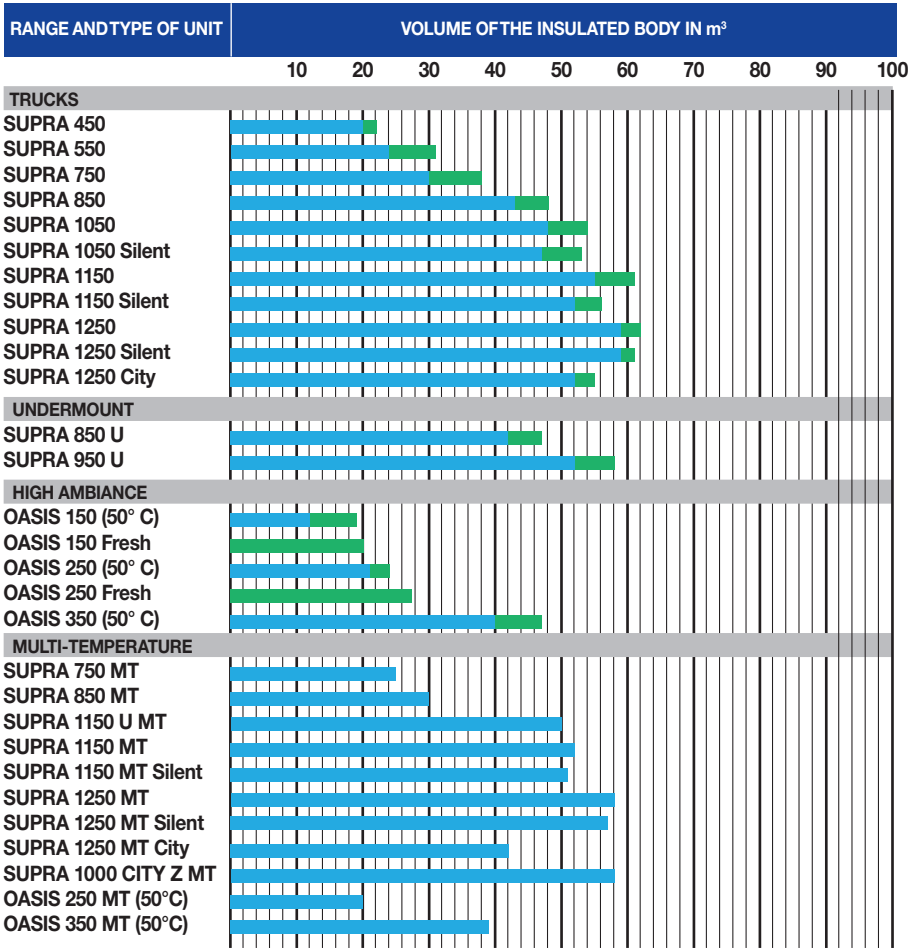


Note: This selection table is intended as a guide. It has been compiled using experience acquired in normal utilization of our equipment in transport and distribution. Conformity to these recommendations should guarantee your total satisfaction. **The maximum volumes figuring in this table are given for high speed engine operation. Take into account the unit's standby performance characteristics (these are indicated in the sale literature) if the unit is frequently used on standby.** In case of operation in high ambient temperature or for difficult types of transport (fresh meat, cheese, vegetables, etc.), it is advised to base your choice on a volume equivalent to the next lowest temperature range. For example, with a SUPRA 550, volume should not exceed 35 m³. When one of the parameters (volume, K factor or outside temperature) differs from the above data, you should apply the following formula: • $P = K \times Ms \times \Delta T \times 1{,}75$ after referring to the refrigerating capacities.

LIMITS OF USE OF THE ABOVE TABLE: • Altitude ≤ 1500 m • Relative humidity ≤ 70%

Line up for truck to 40°C

Classification	C	A
Temperature	-20°C (-4°F)	0° +2°C (+32° +35°F)
Required K factor	0,38 Watts/m² °C	



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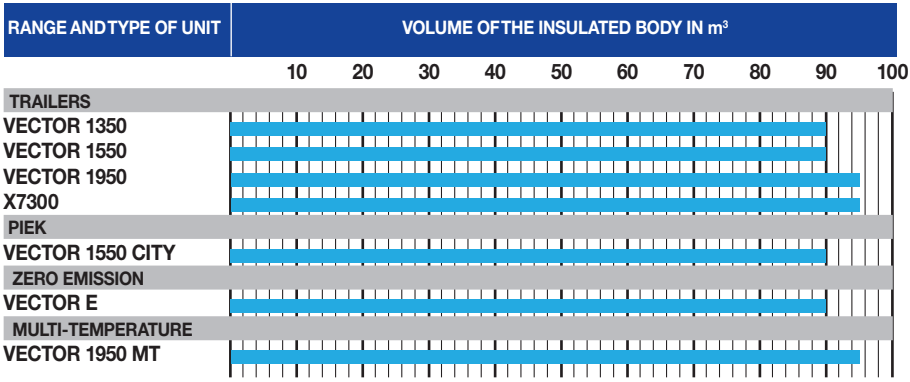
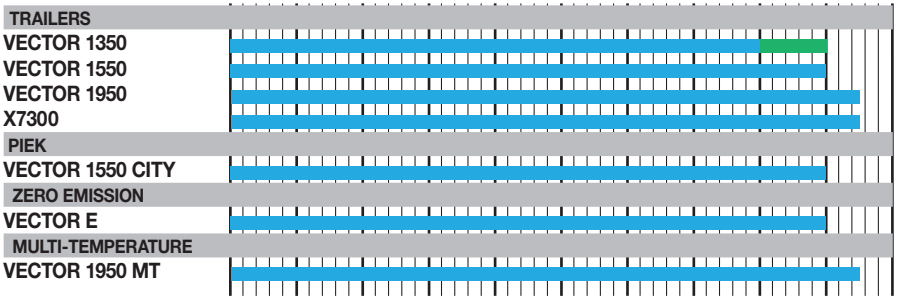
LIMITS OF USE OF THE ABOVE TABLE: • Altitude ≤ 1500 m • Relative humidity ≤ 70%

Line up for trailer to 30°c

Classification	C	A
Temperature	-20°C (-4°F)	0° +2°C (+32° +35°F)
Required K factor	0,38 Watts/m² °C	



Line up for trailer to 40°c



Note: This selection table is intended as a guide. It has been compiled using experience acquired in normal utilization of our equipment in transport and distribution.
Conformity to these recommendations should guarantee your total satisfaction. **The maximum volumes indicated in the table above are given for a road operation at 2400 rpm. Since the speed of the road compressor depends on the vehicle motor speed, the unit's refrigerating capacity varies in relation to the use made of the vehicle (except for Pulsor & Neos). Take into account the unit's standby performance characteristics or consult us if the unit is frequently used on standby.**
In case of operation in high ambient temperature or for difficult types of transport (fresh meat, cheese, vegetables, etc.), it is advised to base your choice on a volume equivalent to the next lowest temperature range. For example, with a XARIOS 300 - R404A, volume should not exceed 17 m³. When one of the parameters (volume, K factor or outside temperature) differs from the above data, you should apply the following formula: • $P = K \times Ms \times \Delta T \times 1{,}75$ after referring to the refrigerating capacities.
LIMITS OF USE OF THE ABOVE TABLE: • Altitude ≤ 1500 m • Relative humidity ≤ 70%. For other conditions of use, please consult us.

INDEX

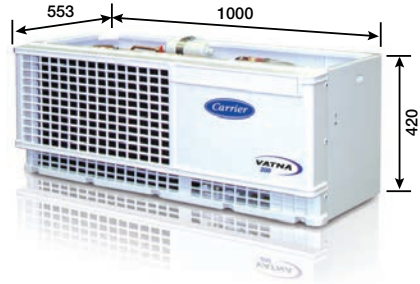
Light Commercial Vehicles

VATNA 200 H - B

Eutectic technology for your delivery vehicle

Nosemount condenser weight

140 kg



Undermount condenser weight

145 kg

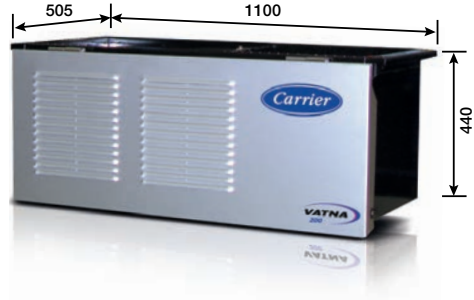


Plate weight

85 kg

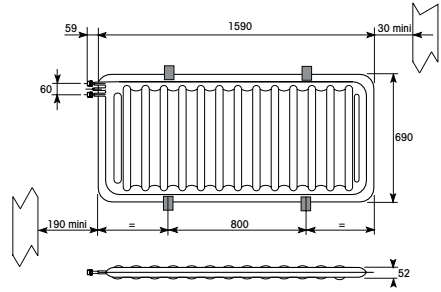
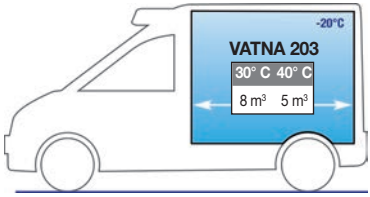
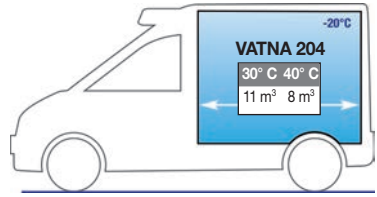


Plate thickness

52 mm





VATNA 200 H - B

ATP - Certificate n°		BxRe1074	BxRe1072
Model		**VATNA 203 - 3 plates**	**VATNA 204 - 4 plates**
Accumulated capacity	kJ	33500	44700
K*Ms	W/°C	7,2	8,8

Motocompressor		
Model		CT215
Nb of Cylinders		2
Displacement	cm^3	167
Standby motor		
Voltage	V/Ph/Fr	• 400/3/50 Hz

Type of Refrigerant	
Refrigerant	R404A

Accessories or options

- Standby cable

Variants

- Nosemount (H) and undermount (B) version available

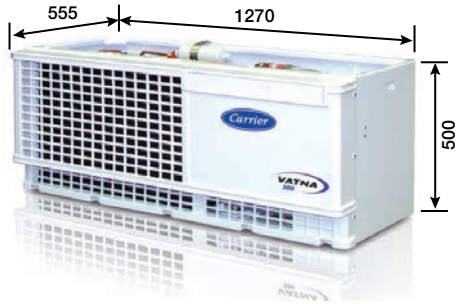
Minimum number of plates on ceiling = 1 for Vatna 203
Minimum number of plates on ceiling = 2 for Vatna 204

VATNA 300 H - B

Eutectic technology for your delivery vehicle

Nosemount condenser weight

185 kg



Undermount condenser weight

195 kg

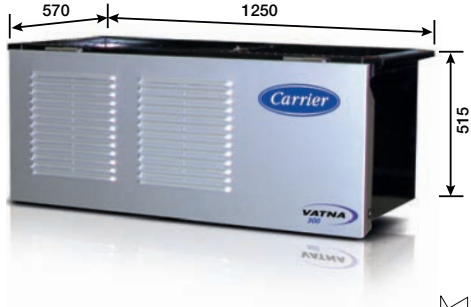


Plate weight

85 kg

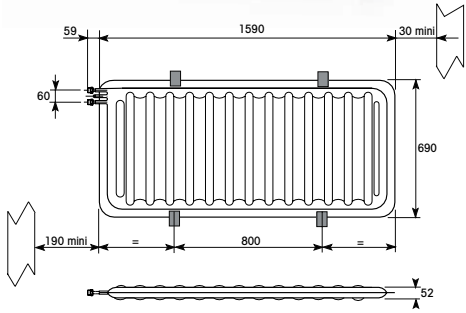
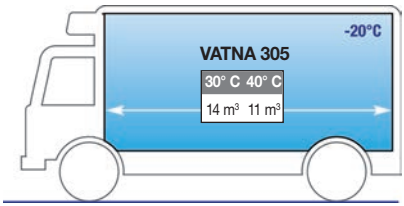
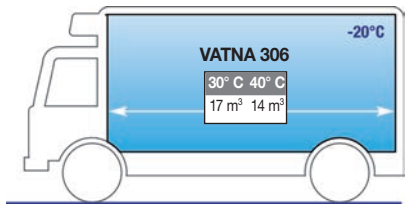


Plate thickness

52 mm





VATNA 300 H - B

ATP - Certificate n°		BxRe1076	BxRe1070
Model		**VATNA 305 - 5 plates**	**VATNA 306 - 6 plates**
Accumulated capacity	kJ	55800	67000
K*Ms	W/°C	11	13,4

Motocompressor		
Model		CT318
Nb of Cylinders		2
Displacement	cm^3	208
Standby motor		
Voltage	V/Ph/Fr	• 400/3/50 Hz

Type of Refrigerant	
Refrigerant	R404A

Accessories or options

- Standby cable

Variants

- Nosemount (H) and undermount (B) version available

Minimum number of plates on ceiling = 3 for Vatna 305

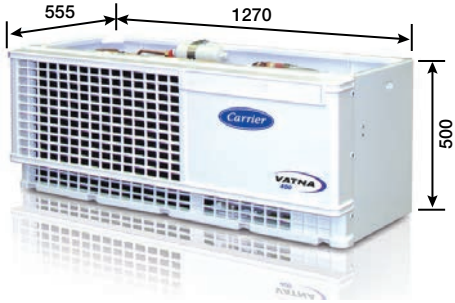
Minimum number of plates on ceiling = 4 for Vatna 306

VATNA 400 H - B

Eutectic technology for your delivery vehicle

Nosemount condenser weight

185 kg



Undermount condenser weight

195 kg

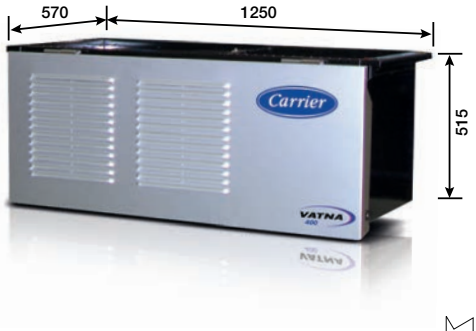


Plate weight

85 kg

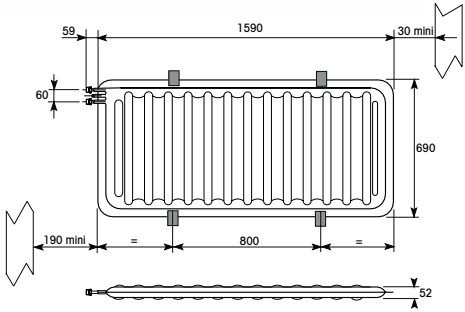
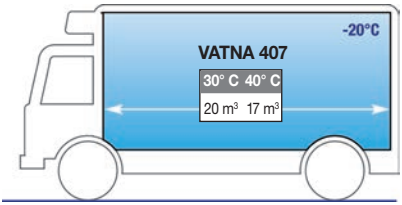
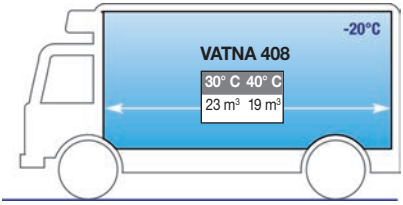


Plate thickness

52 mm





VATNA 400 H - B

ATP - Certificate n°		BxRe1067	BxRe1063
Model		**VATNA 407 - 7 plates**	**VATNA 408 - 8 plates**
Accumulated capacity	kJ	67200	76800
K*Ms	W/°C	14,25	19,15

Motocompressor		
Model		CT423
Nb of Cylinders		2
Displacement	cm^3	258
Standby motor		
Voltage	V/Ph/Fr	• 400/3/50 Hz

Type of Refrigerant	
Refrigerant	R404A

Accessories or options

- Standby cable

Variants

- Nosemount (H) and undermount (B) version available

Minimum number of plates on ceiling = 5 for Vatna 407

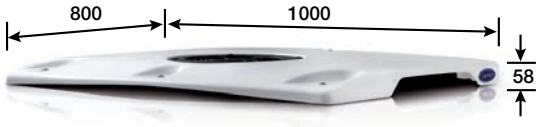
Minimum number of plates on ceiling = 6 for Vatna 408

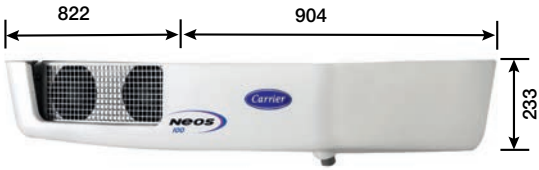
NEOS 100

Alternator driven refrigeration unit for small delivery vehicles

Road total weight

63 kg



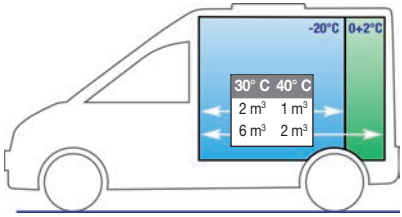


Benefits

Designed for practicality
Preserving the Cold Chain
First for safety and the environment
Integrated for Efficiency

Sound power Lwa

81 dB



NEOS 100

ATP - Certificate n°		M805
Evaporator		**integrated**
Capacity on road at 1000 rpm		
0°C / 30 ° C	W	1210
-20°C / 30 ° C	W	470
Standby capacity		
0°C/30°C	W	1190
-20°C/30°C	W	470
Airflow		
(AMCA 21085)	m^3/h	570

Road compressor		
Model		SD5H09
Nb of Cylinders		5
Displacement	cm^3	87
Standby		
Voltage	V/Ph/Fr	• 230/1/50 Hz • 230/1/60 Hz
Consumption (50 Hz)	W	1420

Refrigerant		
Type		R134a
Charge	kg	0,9
Sound pressure		
High speed	dBA	53,4

Standard equipment

- Cab command
- Road operation on 12 VDC only
- Automatic hot gas defrost
- Vehicle must have a 125 A alternator and a 90A/h battery
- Box insulation reinforcement required

Accessories or options

- Door switch
- Standby module (5 kg)
- DataCOLD for temp record only

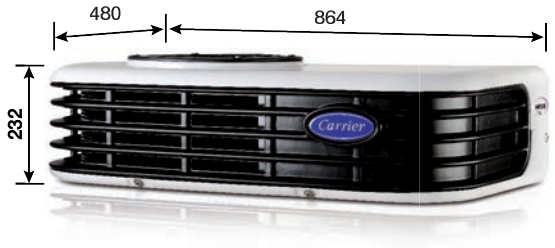
***Not recommended for deep frozen applications on urban distribution**

NEOS 100S

Alternator driven refrigeration unit for small delivery vehicles

Road & standby condenser weight

48 kg



Benefits

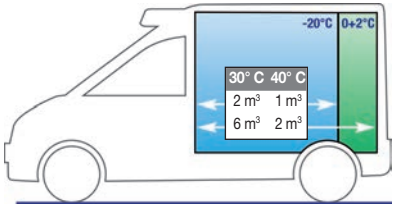
Designed for Practicality
Preserving the Cold Chain
First for safety and the environment
External for flexibility

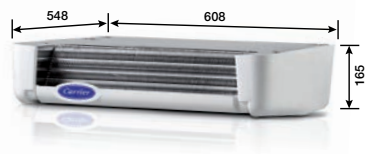
Sound power Lwa

85 dB

Evaporator Weight

MNS 600 : 15 kg





NEOS 100S

ATP - Certificate n°		M871
Evaporator		**MNS 600**
Capacity on road at 1000 rpm		
0°C / 30 ° C	W	1130
-20°C / 30 ° C	W	390
Standby capacity		
0°C/30°C	W	1190
-20°C/30°C	W	390
Airflow		
(AMCA 21085)	m^3/h	750

Road compressor		
Model		SD5H09
Nb of Cylinders		5
Displacement	cm^3	87
Standby		
Voltage	V/Ph/Fr	• 230/1/50 Hz • 230/1/60 Hz
Consumption (50 Hz)	W	1420
Refrigerant		
Type		R134a
Charge	kg	1
Sound pressure		
High speed	dBA	57

Standard equipment

- Cab command
- Road operation on 12 VDC only
- Automatic hot gas defrost
- Vehicle must have a 125 A alternator and a 90A/h battery

Accessories or options

- Door switch
- Roof mount installation
- Roof cut installation
- Standby module (5 kg)
- DataCOLD for temperature record only

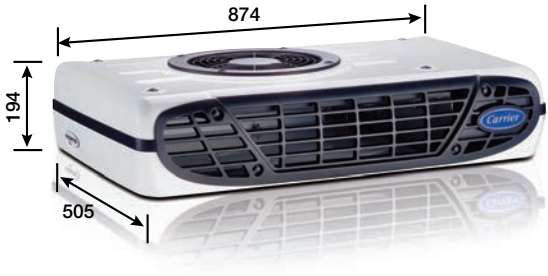
***Not recommended for deep frozen applications on urban distribution**

VIENTO 200 R134a

Simple, road-only unit
For delivery vans

Road condenser weight

20 kg



Benefits

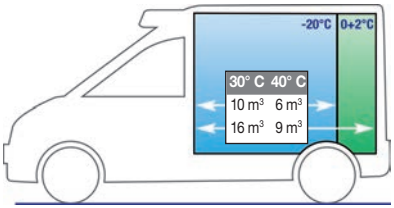
Reliable
Simple
Versatile

Sound power Lwa

85 dB

Evaporator Weight

MZS 850 : 17 kg



VIENTO 200 R134a

ATP - Certificate n°		M 775 add1
Evaporator		**MZS 850**
Capacity on road at 2400 rpm		
0°C/30°C	W	1930
-20°C/30°C	W	1015
Capacity on road at 1000 rpm		
0°C / 30 ° C	W	1400
-20°C / 30 ° C	W	660
Airflow		
(AMCA 21085)	m^3/h	990
Heating Capacity		
Heating system 18°C/-18°C	W	950

Road compressor		
Model		Carrier 130
Nb of Cylinders		6
Displacement	cm^3	131

Refrigerant		
Type		R134a
Charge	kg	0,9
Sound pressure		
High speed	dBA	57

Standard equipment

- Available in 12 or 24 VDC

(R model)

- Fresh application only

(S model)

- Fresh and frozen application with oil separator , hot gas defrost and liquid injection for high ambient temperatures applications

(T model)

- Fresh and frozen application with oil separator, hot gas defrost and hot gas heating for low ambient temperatures applications

Accessories or options

- Roof-mount or roof-cut installation
- Road compressor mounting kit
- Road compressor
- Remote evap installation
- DataCOLD for temperature record only

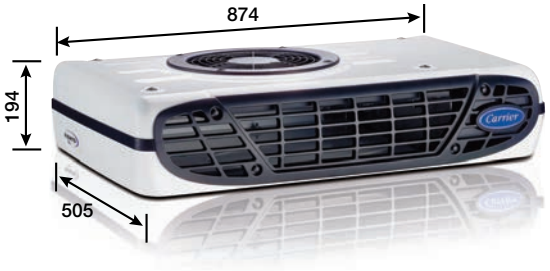
***Not recommended for deep frozen applications on urban distribution**

VIENTO 200 R404A

Simple, road-only unit
For delivery vans

Road condenser weight

20 kg

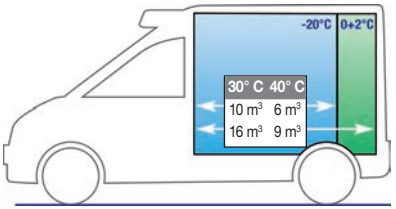


Benefits

Reliable
Simple
Versatile

Sound power Lwa

85 dB



Evaporator Weight

MZS 600 : 15 kg

VIENTO 200 R404A

ATP - Certificate n°		M 843
Evaporator		**MZS 600**
Capacity on road at 2400 rpm		
0°C/30°C	W	1980
-20°C/30°C	W	1260
Capacity on road at 1000 rpm		
0°C / 30 ° C	W	1810
-20°C / 30 ° C	W	990
Airflow		
(AMCA 21085)	m^3/h	760
Heating Capacity		
Heating system 18°C/-18°C	W	1000

Road compressor		
Model		Carrier 130 / SDS H09
Nb of Cylinders		5
Displacement	cm^3	87

Refrigerant		
Type		R404A
Charge	kg	0,85
Sound pressure		
High speed	dBA	57

Standard equipment

- Available in 12 or 24 VDC

(S model)

- Fresh and frozen application with oil separator , hot gas defrost and liquid injection for high ambient temperatures applications

(T model)

- Fresh and frozen application with oil separator, hot gas defrost and hot gas heating for low ambient temperatures applications

Accessories or options

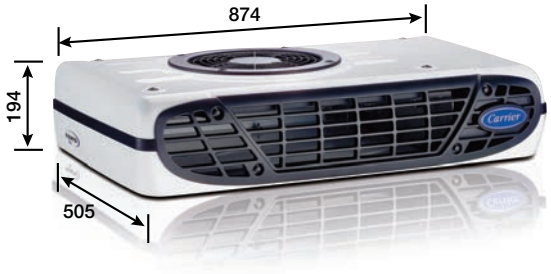
- Roof-mount or roof-cut installation
- Road compressor mounting kit
- Road compressor
- Remote evap installation
- DataCOLD for temperature record only

VIENTO 300 R134a

Simple, road-only unit
For delivery vans

Road condenser weight

21 kg



Benefits

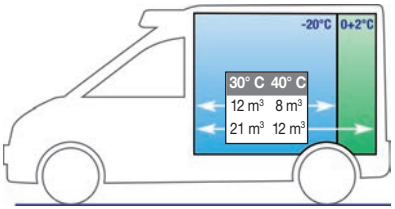
Reliable
Simple
Versatile

Sound power Lwa

81 dB

Evaporator Weight

MZL 850 : 17 kg



VIENTO 300 R134a

ATP - Certificate n°		M 777 add 1
Evaporator		**MZL 850**
Capacity on road at 2400 rpm		
0°C/30°C	W	2640
-20°C/30°C	W	1305
Capacity on road at 1000 rpm		
0°C / 30 ° C	W	1770
-20°C / 30 ° C	W	650
Airflow		
(AMCA 21085)	m^3/h	1080
Heating Capacity		
Heating system 18°C/-18°C	W	1250

Road compressor		
Model		Carrier 150
Nb of Cylinders		6
Displacement	cm^3	146

Refrigerant		
Type		R134a
Charge	kg	1
Sound pressure		
High speed	dBA	54

Standard equipment

- Available in 12 or 24 VDC

(R model)

- Fresh application only

(S model)

- Fresh and frozen application with oil separator , hot gas defrost and liquid injection for high ambient temperatures applications

(T model)

- Fresh and frozen application with oil separator, hot gas defrost and hot gas heating for low ambient temperatures applications

Accessories or options

- Roof-mount or roof-cut installation
- Road compressor mounting kit
- Road compressor
- Remote evap installation
- DataCOLD for temperature record only

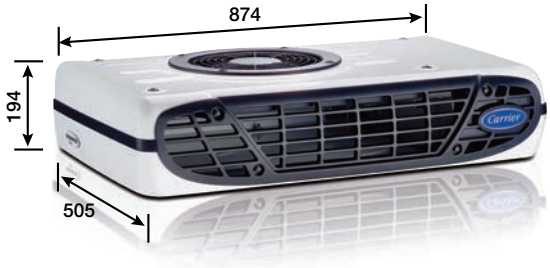
***Not recommended for deep frozen applications on urban distribution**

VIENTO 300 R404A

Simple, road-only unit
For delivery vans

Road condenser weight

21 kg



Benefits

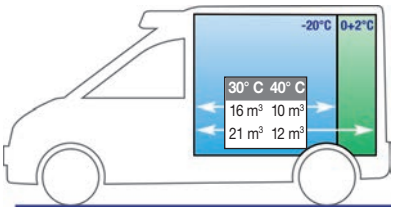
Reliable
Simple
Versatile

Sound power Lwa

81 dB

Evaporator Weight

MZS 850 : 17 kg



VIENTO 300 R404A

ATP - Certificate n°		M 779 add1
Evaporator		**MZS 850**
Capacity on road at 2400 rpm		
0°C/30°C	W	2760
-20°C/30°C	W	1530
Capacity on road at 1000 rpm		
0°C / 30 ° C	W	2170
-20°C / 30 ° C	W	1140
Airflow		
(AMCA 21085)	m^3/h	990
Heating Capacity		
Heating system 18°C/-18°C	W	1600

Road compressor		
Model		Carrier 130
Nb of Cylinders		6
Displacement	cm^3	131

Refrigerant		
Type		R404A
Charge	kg	1
Sound pressure		
High speed	dBA	54

Standard equipment

- Available in 12 or 24 VDC

(S model)

- Fresh and frozen application with oil separator , hot gas defrost and liquid injection for high ambient temperatures applications

(T model)

- Fresh and frozen application with oil separator, hot gas defrost and hot gas heating for low ambient temperatures applications

Accessories or options

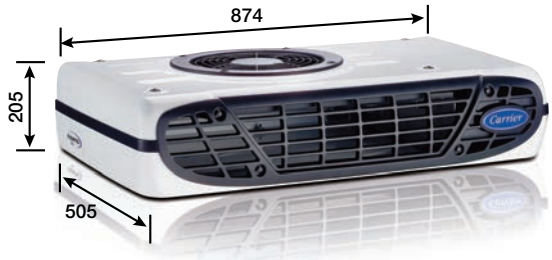
- Roof-mount or roof-cut installation
- Road compressor mounting kit
- Road compressor
- Remote evap installation
- DataCOLD for temperature record only

VIENTO 350 R134a

Simple, road-only unit
For delivery vans

Road condenser weight

22 g



Benefits

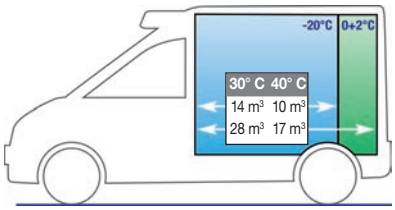
Reliable
Simple
Versatile

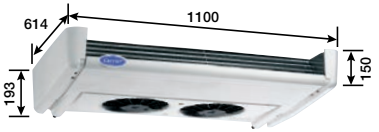
Sound power Lwa

82 dB

Evaporator Weight

MZL 1100 : 23 kg





VIENTO 350 R134a

ATP - Certificate n°		M 783 add1
Evaporator		**MZL 1100**
Capacity on road at 2400 rpm		
0°C/30°C	W	3070
-20°C/30°C	W	1550
Capacity on road at 1000 rpm		
0°C / 30 ° C	W	2180
-20°C / 30 ° C	W	910
Airflow		
(AMCA 21085)	m^3/h	1660
Heating Capacity		
Heating system 18°C/-18°C	W	1600

Road compressor		
Model		Carrier 160
Nb of Cylinders		6
Displacement	cm^3	164

Refrigerant		
Type		R134a
Charge	kg	1,1
Sound pressure		
High speed	dBA	54,5

Standard equipment

- Available in 12 or 24 VDC

(R model)

- Fresh application only

(S model)

- Fresh and frozen application with oil separator , hot gas defrost and liquid injection for high ambient temperatures applications

(T model)

- Fresh and frozen application with oil separator, hot gas defrost and hot gas heating for low ambient temperatures applications

Accessories or options

- Roof-mount or roof-cut installation
- Road compressor mounting kit
- Road compressor
- Remote evap installation
- DataCOLD for temperature record only

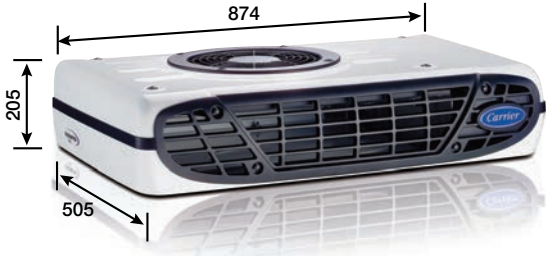
***Not recommended for deep frozen applications on urban distribution**

VIENTO 350 R404A

Simple, road-only unit
For delivery vans

Road condenser weight

22 kg



Benefits

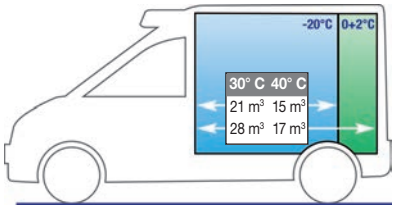
Reliable
Simple
Versatile

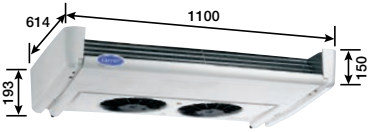
Sound power Lwa

82 dB

Evaporator Weight

MZS 1100 : 23 kg





VIENTO 350 R404A

ATP - Certificate n°		M 786 add1
Evaporator		**MZS 1100**
Capacity on road at 2400 rpm		
0°C/30°C	W	3750
-20°C/30°C	W	2010
Capacity on road at 1000 rpm		
0°C / 30 ° C	W	2250
-20°C / 30 ° C	W	1300
Airflow		
(AMCA 21085)	m^3/h	1770
Heating Capacity		
Heating system 18°C/-18°C	W	1900

Road compressor		
Model		Carrier 150
Nb of Cylinders		6
Displacement	cm^3	146

Refrigerant		
Type		R404A
Charge	kg	1,1
Sound pressure		
High speed	dBA	54,5

Standard equipment

- Available in 12 or 24 VDC

(S model)

- Fresh and frozen application with oil separator , hot gas defrost and liquid injection for high ambient temperatures applications

(T model)

- Fresh and frozen application with oil separator, hot gas defrost and hot gas heating for low ambient temperatures applications

Accessories or options

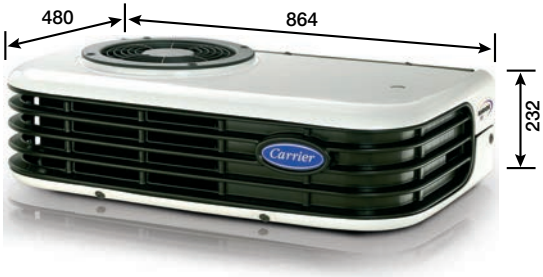
- Roof-mount or roof-cut installation
- Road compressor mounting kit
- Road compressor
- Remote evap installation
- DataCOLD for temperature record only

XARIOS 150

Modular range for vans and medium-sized refrigerated vehicles

Road & standby condenser weight

53 kg



Benefits

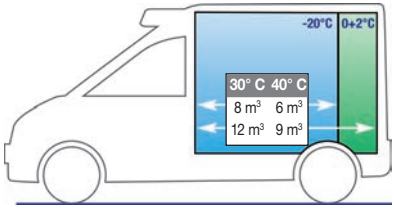
Extra-flat evaporator to allow extra loading
High reliability and longer product lifetime due to brushless fans and advanced electronic controller

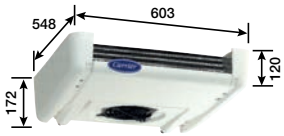
Sound power Lwa

84 dB

Evaporator Weight

MXS 600 : 15 kg





XARIOS 150

ATP - Certificate n°		M768
Evaporator		**MXS 600**
Capacity on road at 2400 rpm		
0°C/30°C	W	2110
-20°C/30°C	W	1050
Capacity on road at 1000 rpm		
0°C / 30 ° C	W	1550
-20°C / 30 ° C	W	710
Standby capacity		
0°C/30°C	W	1200
-20°C/30°C	W	540
Airflow		
(AMCA 21085)	m^3/h	690
Heating Capacity		
Heating system 18°C/-18°C	W	1800

Road compressor		
Model		SD5H09
Nb of Cylinders		5
Displacement	cm^3	87
Standby Compressor		
Model		PS130
Nb of Cylinders		Rotary
Displacement	cm^3	12,7
Standby		
Voltage	V/Ph/Fr	• 230/1/50 Hz
Consumption (50 Hz)	W	1020

Refrigerant		
Type		R404A
Charge	kg	1,2
Sound pressure		
High speed	dBA	54,6

Standard equipment

- Road & Standby operation
- Operation on 12 VDC vehicles

(S model)

- XARIOS microprocessor control
- Standby / road compressor hourmeter
- Liquid injection for high ambient temperatures applications

(T model)

- Hot gas heating system for low ambient temperatures applications
- Liquid injection for high ambient temp application

Accessories or options

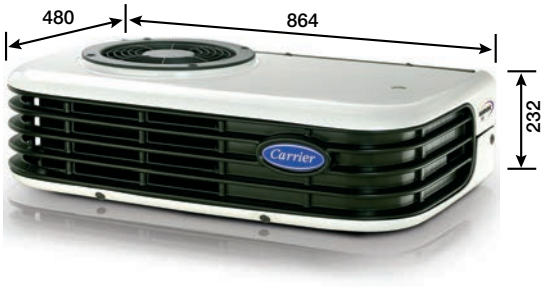
- Roof-mount installation
- Roof cut mounting installation
- Road compressor mounting kit
- Remote evap installation
- Water drain heater 12V & 24V
- Door switch
- Voltage reducer for 24/12V DC
- DataCOLD for temperature record only
- R452A : Available upon special request

XARIOS 200

Modular range for vans and medium-sized refrigerated vehicles

Road & standby condenser weight

53 kg



Benefits

Roof-mount or vertical evaporator
High reliability and longer product lifetime due to brushless fans and advanced electronic controller

Sound power Lwa

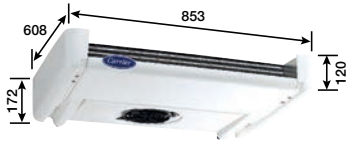
84 dB

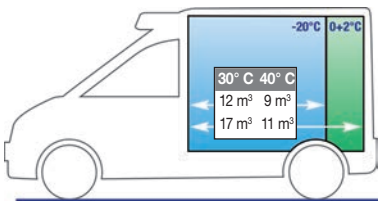
Evaporator Weight MXV 850

17 kg

Evaporator Weight MXS 850

19 kg





XARIOS 200

ATP - Certificate n°		M765 add1	M767 add1
Evaporator		**MXV 850**	**MXS 850**
Capacity on road at 2400 rpm			
0°C/30°C	W	2400	2415
-20°C/30°C	W	1360	1470
Capacity on road at 1000 rpm			
0°C / 30 ° C	W	1820	1440
-20°C / 30 ° C	W	930	980
Standby capacity			
0°C/30°C	W	1280	1300
-20°C/30°C	W	620	580
Airflow			
(AMCA 21085)	m^3/h	730	770
Heating Capacity			
Heating system 18°C/-18°C	W	2200	2200

Road compressor		
Model		Carrier 130
Nb of Cylinders		6
Displacement	cm^3	131
Standby Compressor		
Model		PS130
Nb of Cylinders		Rotary
Displacement	cm^3	12,7
Standby		
Voltage	V/Ph/Fr	• 230/1/50 Hz • 400/3/50 Hz • 230/1/60 Hz
Consumption (50 Hz)	W	990

Refrigerant		
Type		R404A
Charge	kg	1,4
Sound pressure		
High speed	dBA	54,6

Standard equipment

- Road & Standby operation
- Operation on 12 VDC vehicles

(S model)

- XARIOS microprocessor control
- Standby / road compressor hourmeter
- Liquid injection for high ambient temperatures applications

(T model)

- Hot gas heating system for low ambient temperatures applications
- Liquid injection for high ambient temperature application

Accessories or options

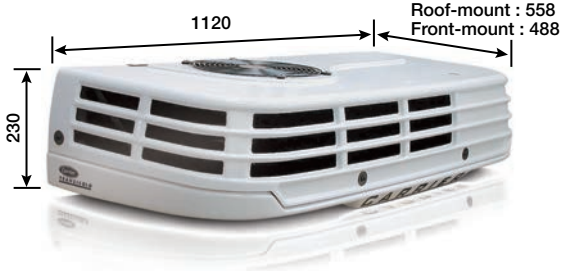
- Roof-mount installation
- Roof cut installation
- Road compressor mounting kit
- Remote evap installation
- Water drain heater 12v & 24v
- Door switch
- Voltage reducer for 24/12V DC
- DataCOLD for temperature record only
- R452A : Available upon special request

ZEPHYR 30S

Proven versatility and reliability for medium-sized delivery vehicles

Road & standby condenser weight

76 kg



Benefits

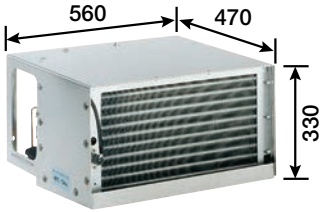
Proven performance for superior cargo protection
Choice of roof top or cubic evaporator for application versatility
Microprocessor control and cab command make operation easier and safer
Rapid installation and easy servicing contribute to reduce life cycle cost

Sound power Lwa

85 dB

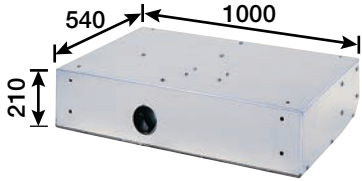
Evaporator Weight Cubic

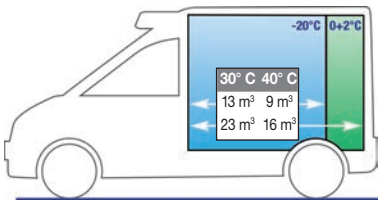
24 kg



Evaporator Weight Roof

23 kg





ZEPHYR 30S

ATP - Certificate n°		M848	
Evaporator		**Cubic Evap**	**Roof Evap**
Capacity on road at 2400 rpm			
0°C/30°C	W	2760	2930
-20°C/30°C	W	1500	1450
Capacity on road at 1000 rpm			
0°C / 30 ° C	W	1875	2140
-20°C / 30 ° C	W	990	770
Standby capacity			
0°C/30°C	W	1790	2030
-20°C/30°C	W	870	770
Airflow			
(AMCA 21085)	m^3/h	850	1110
Heating Capacity			
Heating system 18°C/-18°C	W	1250	1300

Road compressor		
Model		Carrier 160
Nb of Cylinders		6
Displacement	cm^3	161
Standby Compressor		
Model		Carrier 160
Nb of Cylinders		6
Displacement	cm^3	161
Standby		
Voltage	V/Ph/Fr	• 230/1/50 Hz • 400/3/50 Hz • 230/1/60 Hz
Consumption (50 Hz)	W	1800

Refrigerant		
Type		R134a
Charge	kg	1,8
Sound pressure		
High speed	dBA	57

Standard equipment

- Road & Standby operation
- Operation on 12 VDC vehicles

(T model)

- Mini cab command with microprocessor
- Oil separator kit
- White front-grill

Variants

- High capacity hot gas heating system for low ambient temperatures applications
- Liquid injection for high ambient temperatures applications

Accessories or options

- Roof-mount installation
- Road compressor mounting kit
- Voltage reducer 24/12V DC
- DataCOLD for temperature record only

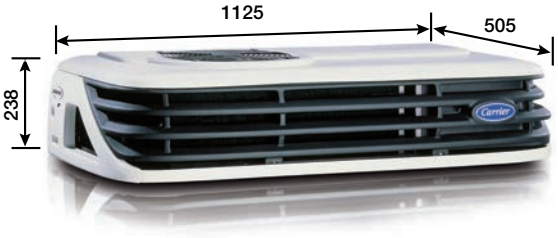
***Not recommended for deep frozen applications on urban distribution**

XARIOS 300

Modular range for vans and medium-sized refrigerated vehicles

Road & standby condenser weight

76 kg



Benefits

Roof-mount or vertical evaporator
High reliability and longer product lifetime due to brushless fans and advanced electronic controller

Sound power Lwa

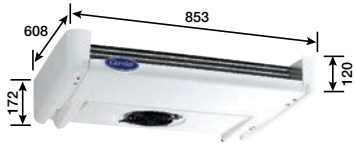
85 dB

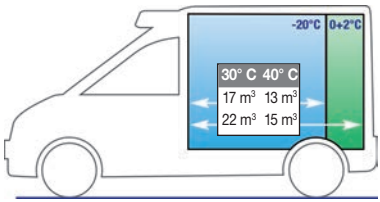
Evaporator Weight MXV 850

17 kg

Evaporator Weight MXS 850

19 kg





XARIOS 300

ATP - Certificate n°		M827	M826
Evaporator		**MXV 850**	**MXS 850**
Capacity on road at 2400 rpm			
0°C/30°C	W	2860	3060
-20°C/30°C	W	1660	1690
Capacity on road at 1000 rpm			
0°C / 30 ° C	W	2240	2440
-20°C / 30 ° C	W	1150	1300
Standby capacity			
0°C/30°C	W	1820	1940
-20°C/30°C	W	890	755
Airflow			
(AMCA 21085)	m^3/h	750	810
Heating Capacity			
Heating system 18°C/-18°C	W	2800	2800

Road compressor		
Model		Carrier 150
Nb of Cylinders		6
Displacement	cm^3	147
Standby Compressor		
Model		Carrier 150
Nb of Cylinders		6
Displacement	cm^3	147
Standby		
Voltage	V/Ph/Fr	• 230/1/50 Hz • 400/3/50 Hz
Consumption (50 Hz)	W	1890

Refrigerant		
Type		R404A
Charge	kg	1,4
Sound pressure		
High speed	dBA	57

Standard equipment

- Road & Standby operation
- Available in 12 or 24 VDC (S model)
- XARIOS microprocessor control
- Standby compressor hourmeter
- Liquid injection for high ambient temperatures applications

(T model)

- Hot gas heating system for low ambient temperatures applications
- Liquid injection for high ambient temperatures applications

Accessories or options

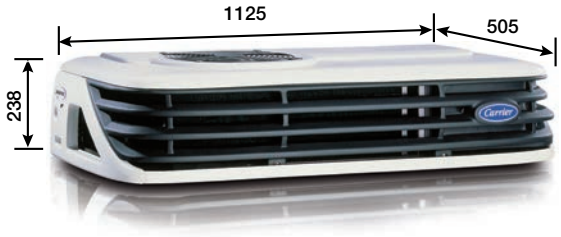
- Roof-mount installation
- Roof cut installation
- Road compressor mounting kit
- Remote evap installation
- Water drain heater 12V & 24V
- Door switch
- DataCOLD for temperature record only
- R452A : Available upon special request

XARIOS 350

Modular range for vans and medium-sized refrigerated vehicles

Road & standby condenser weight

76 kg



Benefits

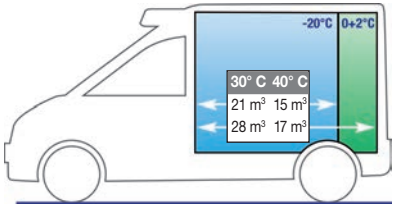
Extra-flat evaporator to allow extra loading
High reliability and longer product lifetime due to brushless fans and advanced electronic controller

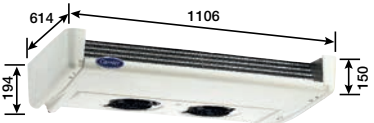
Sound power Lwa

85 dB

Evaporator Weight

MXS 1100 : 29 kg





XARIOS 350

ATP - Certificate n°		M807
Evaporator		**MXS 1100**
Capacity on road at 2400 rpm		
0°C/30°C	W	3730
-20°C/30°C	W	2080
Capacity on road at 1000 rpm		
0°C / 30 ° C	W	2845
-20°C / 30 ° C	W	1400
Standby capacity		
0°C/30°C	W	2510
-20°C/30°C	W	1170
Airflow		
(AMCA 21085)	m^3/h	1470
Heating Capacity		
Heating system 18°C/-18°C	W	3100

Road compressor		
Model		Carrier 150
Nb of Cylinders		6
Displacement	cm^3	147
Standby Compressor		
Model		Carrier 150
Nb of Cylinders		6
Displacement	cm^3	147
Standby		
Voltage	V/Ph/Fr	• 230/1/50 Hz • 400/3/50 Hz
Consumption (50 Hz)	W	2520

Refrigerant		
Type		R404A
Charge	kg	1,4
Sound pressure		
High speed	dBA	57

Standard equipment

- Road & Standby operation
- Available in 12 or 24 VDC (S model)
- XARIOS microprocessor control
- Standby compressor hourmeter
- Liquid injection for high ambient temperatures applications

(T model)

- Hot gas heating system for low ambient temperatures applications
- Liquid injection for high ambient temperatures applications

Accessories or options

- Roof-mount installation
- Roof cut installation
- Road compressor mounting kit
- Remote evap installation
- Water drain heater 12V & 24V
- Door switch
- DataCOLD for temperature record only
- R452A : Available upon special request

XARIOS 500

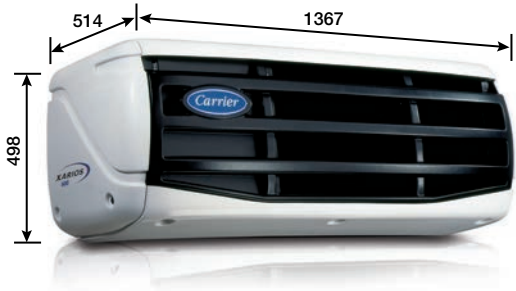
Modular range for vans and medium-sized refrigerated vehicles

Road condenser weight

80 kg

Road & standby condenser weight

144 kg

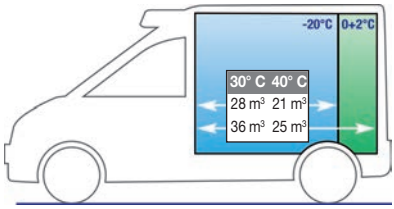


Benefits

Extra-flat evaporator to allow extra loading
High reliability and longer product lifetime due to brushless fans and advanced electronic controller

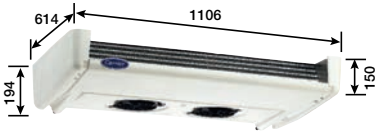
Sound power Lwa

84 dB



Evaporator Weight

MXL 1100 : 29 kg



XARIOS 500

ATP - Certificate n°		M893
Evaporator		**MXL 1100**
Capacity on road at 2400 rpm		
0°C/30°C	W	4625
-20°C/30°C	W	2505
Capacity on road at 1000 rpm		
0°C / 30 ° C	W	3500
-20°C / 30 ° C	W	1675
Standby capacity		
0°C/30°C	W	3500
-20°C/30°C	W	1605
Airflow		
(AMCA 21085)	m^3/h	1560
Heating Capacity		
Heating system 18°C/-18°C	W	3600

Road compressor		
Model		Carrier 160
Nb of Cylinders		6
Displacement	cm^3	161
Standby Compressor		
Model		06 VM 306
Nb of Cylinders		2
Displacement	cm^3	113
Standby		
Voltage	V/Ph/Fr	• 230/1/50 Hz • 400/3/50 Hz • 230/3/60 Hz
Consumption (50 Hz)	W	3000

Refrigerant		
Type		R404A
Charge	kg	3
Sound pressure		
High speed	dBA	54,6

Standard equipment

- Road only version available
- Available in 12 or 24 VDC (S model)
- XARIOS microprocessor control
- Standby compressor hourmeter
- Liquid injection for high ambient temperatures applications

(T model)

- Hot gas heating system for low ambient temperatures applications
- Liquid injection for high ambient temperatures applications

Accessories or options

- Road compressor mounting kit
- Remote evap installation
- Water drain heater 12V & 24V
- Door switch
- DataCOLD for temperature record only
- R452A : Available upon special request

XARIOS 600

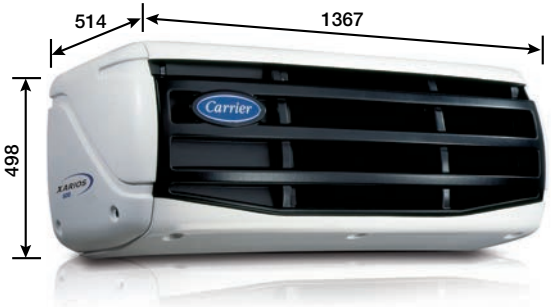
Modular range for vans and medium-sized refrigerated vehicles

Road condenser weight

89 kg

Road & standby condenser weight

155 kg



Benefits

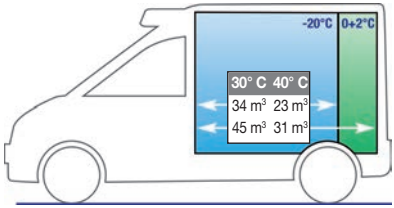
Extra-flat evaporator to allow extra loading
High reliability and longer product lifetime due to brushless fans and advanced electronic controller

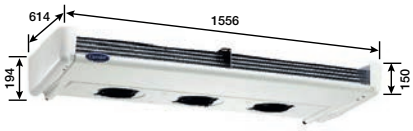
Sound power Lwa

83 dB

Evaporator Weight

MXL 1550 : 42 kg





XARIOS 600

ATP - Certificate n°		M730 add 1
Evaporator		**MXL 1550**
Capacity on road at 2400 rpm		
0°C/30°C	W	5585
-20°C/30°C	W	2950
Capacity on road at 1000 rpm		
0°C / 30 ° C	W	4145
-20°C / 30 ° C	W	1915
Standby capacity		
0°C/30°C	W	4140
-20°C/30°C	W	1840
Airflow		
(AMCA 21085)	m^3/h	2090
Heating Capacity		
Heating system 18°C/-18°C	W	3950

Road compressor		
Model		Carrier 160
Nb of Cylinders		6
Displacement	cm^3	161
Standby Compressor		
Model		06 VM 307
Nb of Cylinders		2
Displacement	cm^3	129
Standby		
Voltage	V/Ph/Fr	• 230/1/50 Hz • 400/3/50 Hz • 230/3/60 Hz
Consumption (50 Hz)	W	3170

Refrigerant		
Type		R404A
Charge	kg	3,2
Sound pressure		
High speed	dBA	55

Standard equipment

- Road only version available
- Available in 12 or 24 VDC

(T model)

- XARIOS microprocessor control
- Standby / road compressor hourmeter
- Liquid injection for high ambient temperatures applications
- Hot gas heating system for low ambient temperatures applications

Accessories or options

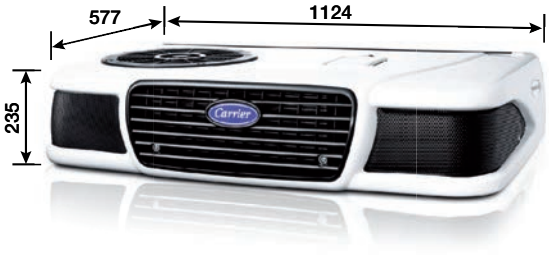
- Road compressor mounting kit
- Water drain heater 12V & 24V
- Door switch
- Remote evap installation
- DataCOLD for temperature record only
- R452A : Available upon special request

PULSOR 300

Constant Cold throughout the day

Road & standby condenser weight

91 kg



Benefits

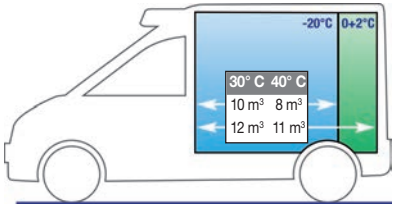
Cold Chain Revolution
Low cost of ownership
Ensuring Sustainability
High capacity at idle speed
Temperature control

Sound power Lwa

83 dB

Evaporator Weight

MCS 600 : 17 kg



PULSOR 300

ATP - Certificate n°		M784
Evaporator		**MCS 600**
Capacity on road at 2400 rpm		
0°C/30°C	W	2575
-20°C/30°C	W	1300
Capacity on road at 1000 rpm		
0°C / 30 ° C	W	2550
-20°C / 30 ° C	W	1300
Standby capacity*		
0°C/30°C	W	2610
-20°C/30°C	W	1310
Airflow		
(AMCA 21085)	m^3/h	710
Heating Capacity		
Heating system	W	1500
Standby	W	1500

Road compressor		
Model		BS330 / MS330
Nb of Cylinders		-
Displacement	cm^3	32,7
Standby		
Voltage	V/Ph/Fr	• 400/3/50-60 Hz • 230/1/50-60 Hz
Consumption (50 Hz)	W	4500

Refrigerant		
Type		R404A
Charge	kg	1,6
Sound pressure		
High speed	dBA	57

Standard equipment

- Programmable timer to start the unit in standby mode before the driver's arrival
- Automatic maintenance message
- Temperature control can be maintained within +/- 0,8°C
- Ability to -30°C set point
- Available in R452A

Accessories or options

- Available in 12 VDC or 24 VDC (only for 400 V/3)
- Door switch
- Remote evap installation
- Roof cut or roof mount installation
- Water drain heater 12V & 24V
- DataCOLD for temperature record only
- DataCOLD 600 with specific harness (contact your distributor) will allow to get unit alarm and temperature

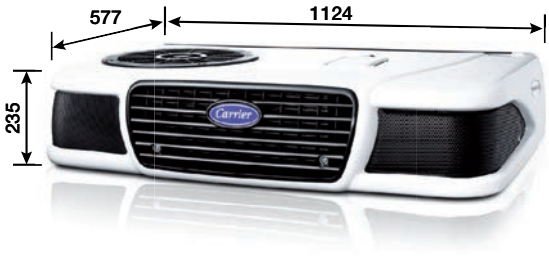
***Standby capacity are given for 400V/3ph version**

PULSOR 350

Constant Cold throughout the day

Road & standby condenser weight

91 kg



Benefits

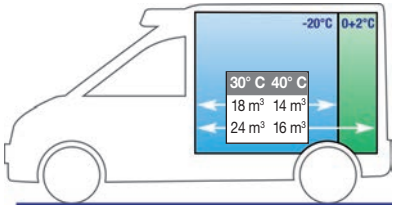
Cold Chain Revolution
Low cost of ownership
Ensuring Sustainability
High capacity at idle speed
Temperature control

Sound power Lwa

83 dB

Evaporator Weight

MCL 850 : 22 kg



PULSOR 350

ATP - Certificate n°		M892
Evaporator		**MCL 850**
Capacity on road at 2400 rpm		
0°C/30°C	W	3110
-20°C/30°C	W	1730
Capacity on road at 1000 rpm		
0°C / 30 ° C	W	3005
-20°C / 30 ° C	W	1700
Standby capacity*		
0°C/30°C	W	3115
-20°C/30°C	W	1740
Airflow		
(AMCA 21085)	m^3/h	1085
Heating Capacity		
Heating system	W	2100
Standby	W	2100

Road compressor		
Model		BS330 / MS330
Nb of Cylinders		-
Displacement	cm^3	32,7
Standby		
Voltage	V/Ph/Fr	• 400/3/50-60 Hz • 230/1/50-60 Hz
Consumption (50 Hz)	W	4500

Refrigerant		
Type		R404A
Charge	kg	1,7
Sound pressure		
High speed	dBA	57

Standard equipment

- Programmable timer to start the unit in standby mode before the driver's arrival
- Automatic maintenance message
- Temperature control can be maintained within +/- 0,8°C
- Ability to -30°C set point
- Available in R452A

Accessories or options

- Available in 12 VDC or 24 VDC (only for 400V/3)
- Door switch
- Remote evap installation
- Roof cut or roof mount installation
- Water drain heater 12V & 24V
- DataCOLD for temperature record only
- DataCOLD 600 with specific harness (contact our local distributor) will allow to get unit alarm and temperature

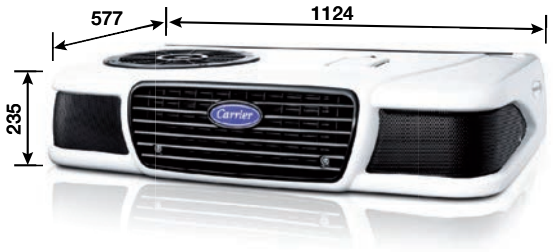
***Standby capacity are given for 400V/3ph version**

PULSOR 400

Constant Cold throughout the day

Road & standby condenser weight

91 kg



Benefits

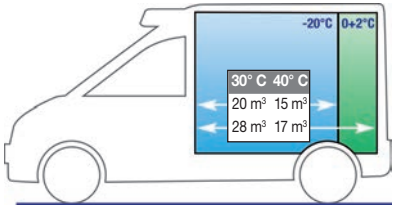
Cold Chain Revolution
Low cost of ownership
Ensuring Sustainability
High capacity at idle speed
Temperature control

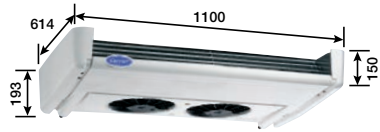
Sound power Lwa

83 dB

Evaporator Weight

MCL 1100 : 30 kg





PULSOR 400

ATP - Certificate n°		M891
Evaporator		**MCL 1100**
Capacity on road at 2400 rpm		
0°C/30°C	W	3450
-20°C/30°C	W	1730
Capacity on road at 1000 rpm		
0°C / 30 ° C	W	3305
-20°C / 30 ° C	W	1795
Standby capacity*		
0°C/30°C	W	3465
-20°C/30°C	W	1770
Airflow		
(AMCA 21085)	m^3/h	1580
Heating Capacity		
Heating system 18°C/-18°C	W	3000
Standby 18°C/-18°C	W	3000

Road compressor		
Model		BS330 / MS330
Nb of Cylinders		-
Displacement	cm^3	32,7
Standby		
Voltage	V/Ph/Fr	• 400/3/50-60 Hz • 230/1/50-60 Hz
Consumption (50 Hz)	W	5250

Refrigerant		
Type		R404A
Charge	kg	1,8
Sound pressure		
High speed	dBA	57

Standard equipment

- Programmable timer to start the unit in standby mode before the driver's arrival
- Automatic maintenance message
- Temperature control can be maintained within +/- 0,8°C
- -30°C ability
- Available in R452A

Accessories or options

- Available in 12 VDC or 24 VDC (only for 400V/3)
- Door switch
- Remote evap installation
- Roof cut or roof mount installation
- Water drain heater 12V & 24V
- DataCOLD for temperature record only
- DataCOLD 600 with specific harness (contact our local distributor) will allow to get unit alarm and temperature

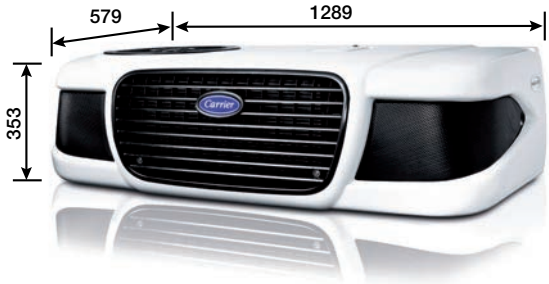
***Standby capacity are given for 400V/3ph version**

PULSOR 500

Constant Cold throughout the day

Road & standby total weight

130 kg

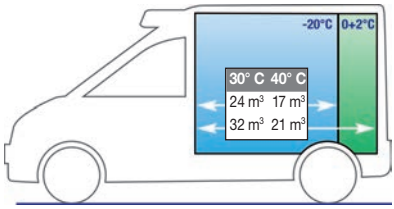


Benefits

Cold Chain Revolution
Low cost of ownership
Ensuring Sustainability
High capacity at idle speed
Temperature control
Monoblock system

Sound power Lwa

83 dB



PULSOR 500

ATP - Certificate n°		M877
Capacity on road at 2400 rpm		
0°C/30°C	W	3840
-20°C/30°C	W	2075
Capacity on road at 1000 rpm		
0°C / 30 ° C	W	4010
-20°C / 30 ° C	W	2070
Standby capacity*		
0°C/30°C	W	3940
-20°C/30°C	W	2050
Airflow		
(AMCA 21085)	m^3/h	1680
Heating Capacity		
Heating system 18°C/-18°C	W	3000
Standby 18°C/-18°C	W	3000

Road compressor		
Model		BS330 / MS330
Nb of Cylinders		-
Displacement	cm^3	32,7
Standby		
Voltage	V/Ph/Fr	• 400/3/50-60 Hz • 230/1/50-60 Hz
Consumption (50 Hz)	W	3340

Refrigerant		
Type		R404A
Charge	kg	1,8
Sound pressure		
High speed	dBA	57

Standard equipment

- Programmable timer to start the unit in standby mode before the driver's arrival
- Automatic maintenance message
- Temperature control can be maintained within +/- 0,8°C
- Monoblock version
- Ability to -30°C set point
- Available in R452A

Accessories or options

- Available in 12 VDC or 24 VDC (only for 400V/3)
- Door switch
- Water drain heater 12V & 24V
- DataCOLD for temperature record only
- DataCOLD 600 with specific harness (contact our local distributor) will allow to get unit alarm and temperature

***Standby capacity are given for 400V/3ph version**

XARIOS 350 MT

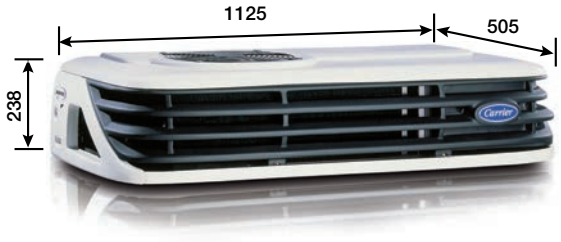
Modular range for vans and medium-sized refrigerated vehicles

Road condenser weight

42 kg

Road & standby condenser weight

85 kg



Benefits

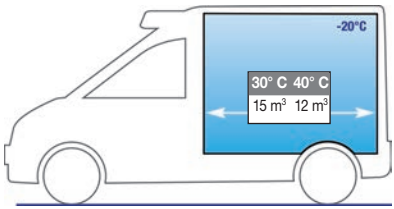
Extra-flat evaporator to allow extra loading
High reliability and longer product lifetime due to brushless fans and advanced electronic controller

Sound power Lwa

85 dB

Evaporator Weight

MXS 850 : 19 kg
MXS 600 : 15 kg
MXV 850 : 17 kg



XARIOS 350 MT

ATP - Certificate n°		M825		
Nominal capacity at -20°C / 30°C		**1840 W**		
Evaporator		**MXS 850**	**MXS 600***	**MXV 850**
Capacity on road at 2400 rpm				
0°C/30°C	W	3000	2290	2770
-20°C/30°C	W	1730	1390	1550
Standby capacity				
0°C/30°C	W	1860	1610	1570
-20°C/30°C	W	910	725	740
Airflow				
(AMCA 21085)	m^3/h	820	730	750
Heating Capacity				
Heating system 18°C/-18°C	W	3100		

Road compressor		
Model		Carrier 150
Nb of Cylinders		6
Displacement	cm^3	147
Standby Compressor		
Model		Carrier 150
Nb of Cylinders		6
Displacement	cm^3	147
Standby		
Voltage	V/Ph/Fr	• 230/1/50 Hz • 400/3/50 Hz • 230/3/50 Hz
Consumption (50 Hz)	W	depend on configuration

Refrigerant		
Type		R404A
Charge	kg	1,6
Sound pressure		
High speed	dBA	57

Standard equipment

- Road only version available
- Operation on 12 VDC vehicles

(T model)

- XARIOS microprocessor control
- Mode automatic or Priority (APi Control Logic®)
- Standby / road compressor hourmeter
- Hot gas heating system for low ambient temperatures applications
- Liquid injection for high ambient temperatures applications

Accessories or options

- Road compressor mounting kit
- Remote evap installation
- Roof-mount installation
- Roof-cut installation
- Water drain heater 12V & 24V
- DataCOLD for temperature record only
- R452A : Available upon special request

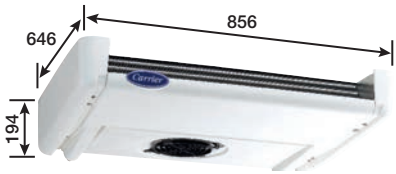
***Not recommended for deep frozen applications. Prefer the MXV 850 and MXS 850 for such applications**

XARIOS 350 MT

MXS 600

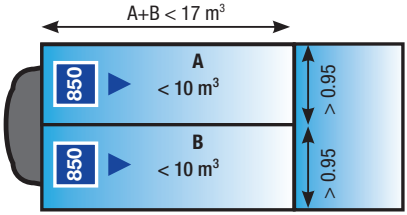
MXV 850

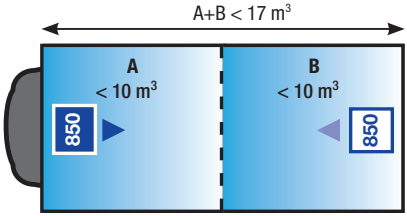
MXS 850

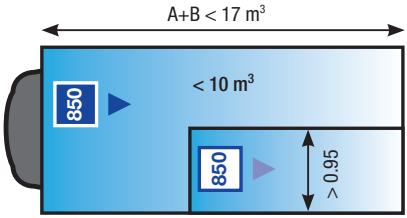


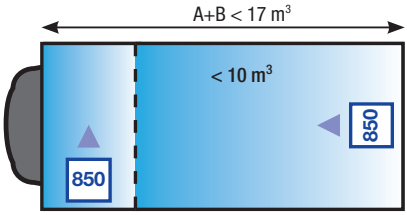
XARIOS 350 MT

MXS 850 + MXS 850

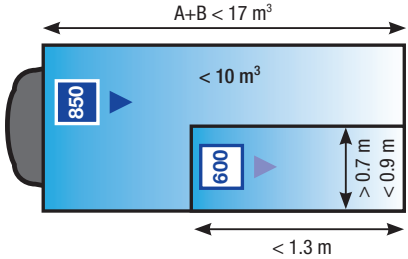


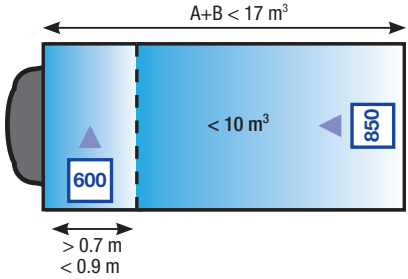




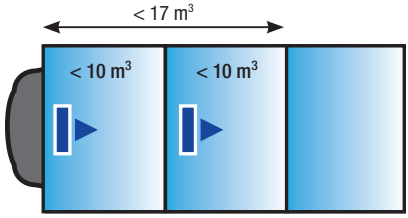


MXS 600 + MXS 850

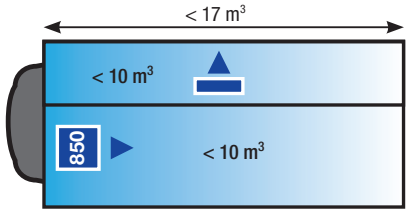




MXV 850 + MXV 850



MXS 850 + MXV 850



Volumes are given for +30°C ambient temperature and few door opening.
Temperature in compartments are complety reversible.

Extension kit

XARIOS 600 MT

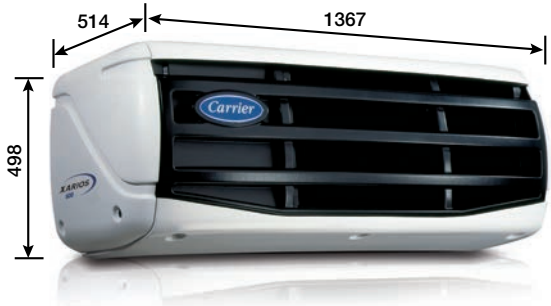
Modular range for vans and medium-sized refrigerated vehicles

Road condenser weight

89 kg

Road & standby condenser weight

155 kg



Benefits

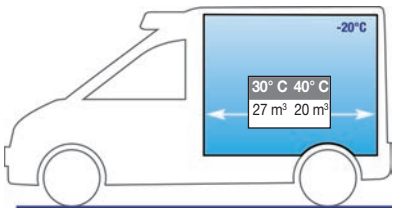
Extra-flat evaporator to allow extra loading
High reliability and longer product lifetime due to brushless fans and advanced electronic controller

Sound power Lwa

83 dB

Evaporator Weight

MXL 1100 : 29 kg
MXS 850 : 19 kg
MXS 600 : 15 kg
MXV 850 : 17 kg



XARIOS 600 MT

ATP - Certificate n°		M721 add 1			
Nominal capacity at -20°C / 30°C		**2925 W**			
Evaporator		**MXL 1100**	**MXS 850**	**MXS 600***	**MXV 850**
Capacity on road at 2400 rpm					
0°C/30°C	W	4635	3465	2860	3430
-20°C/30°C	W	2590	2105	1590	2030
Standby capacity					
0°C/30°C	W	3610	2890	2355	2890
-20°C/30°C	W	1700	1500	1250	1465
Airflow					
(AMCA 21085)	m^3/h	1560	800	700	855
Heating Capacity					
Heating system 18°C/-18°C	W	3950			

Road compressor		
Model		Carrier 160
Nb of Cylinders		6
Displacement	cm^3	161
Standby Compressor		
Model		06 VM 307
Nb of Cylinders		2
Displacement	cm^3	129
Standby		
Voltage	V/Ph/Fr	• 400/3/50 Hz
Consumption (50 Hz)	W	Depend on configuration

Refrigerant		
Type		R404A
Charge	kg	3,6
Sound pressure		
High speed	dBA	57

Standard equipment

- Road only version available
- Operation on 12 or 24 VDC vehicles

(T model)

- XARIOS microprocessor control
- Mode automatic or Priority (APi Control Logic®)
- Standby / road compressor hourmeter
- Hot gas heating system for low ambient temperatures applications
- Liquid injection for high ambient temperatures applications

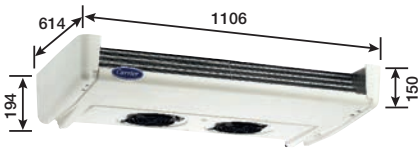
Accessories or options

- Road compressor mounting kit
- Remote evap installation
- Water drain heater 12V & 24V
- DataCOLD for temperature record only
- R452A : Available upon special request

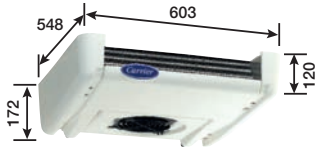
***Not recommended for deep frozen applications. Prefer the MXV 850 and MXS 850 for such applications**

XARIOS 600 MT

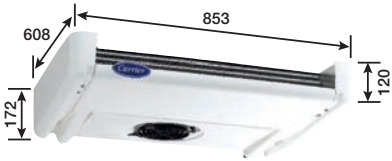
MXL 1100



MXS 600



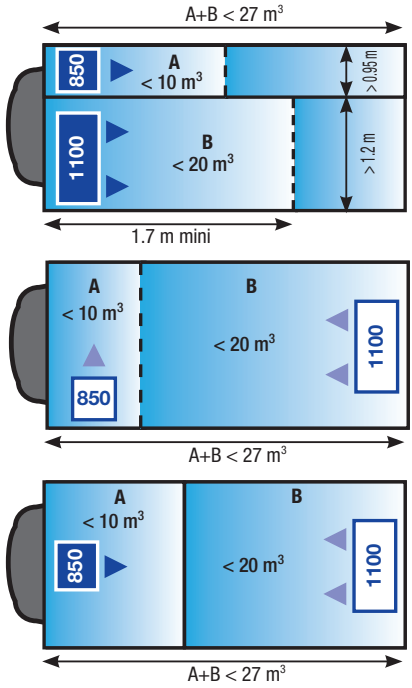
MXS 850



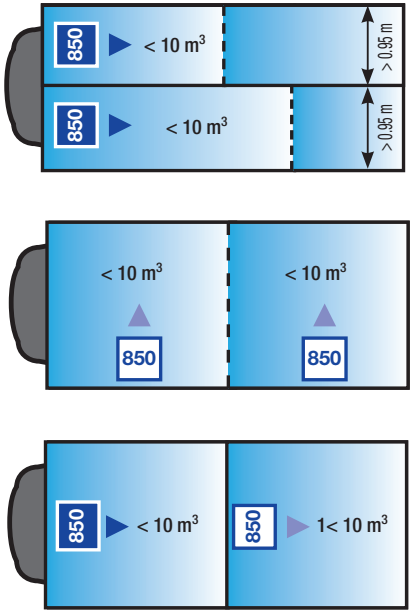
MXV 850

XARIOS 600 MT

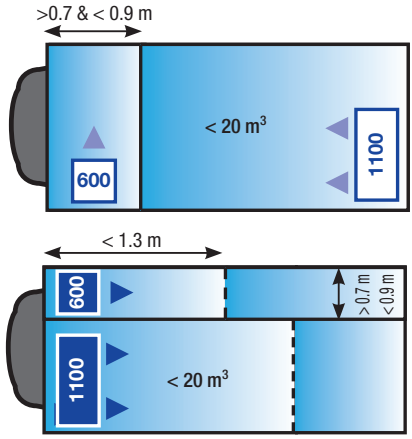
MXS 850 + MXL 1100



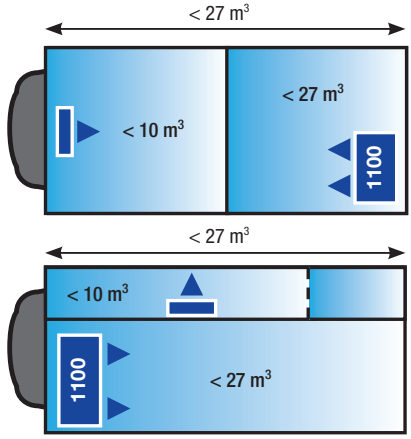
MXS 850 + MXS 850



MXS 600 + MXL 1100



MXV 850 + MXL 1100



Volumes are given for +30°C ambient temperature and few door opening.
Temperature in compartments are complety reversible.

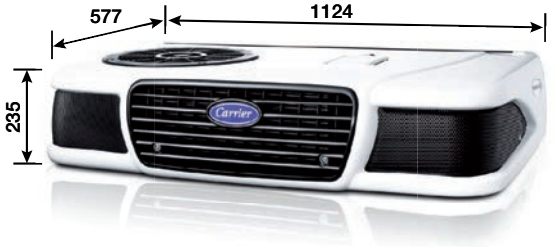
Extension kit

PULSOR 400 MT

Constant Cold throughout the day

Road & standby condenser weight

91 kg



Benefits

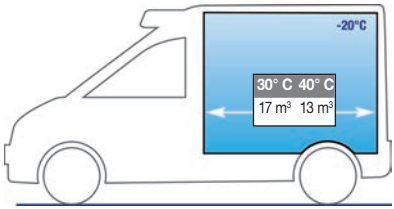
Cold Chain Revolution
Low cost of ownership
Ensuring Sustainability
High capacity at idle speed
Unequalled Technology

Sound power Lwa

83 dB

Evaporator Weight

MCL 850 : 22 kg
MCV 850 : 19 kg
MCS 600 : 17 kg



PULSOR 400 MT

ATP - Certificate n°		M894		
Nominal capacity at -20°C / 30°C		**1930 W**		
Evaporator		**MCL 850**	**MCV 850**	**MCS 600**
Capacity on road at 2400 rpm				
0°C/30°C	W	3165	2830	2360
-20°C/30°C	W	1800	1585	1260
Capacity on road at 1000 rpm				
0°C / 30 ° C	W	3180	2750	2435
-20°C / 30 ° C	W	1735	1580	1230
Standby capacity*				
0°C/30°C	W	2295	2120	1915
-20°C/30°C	W	1345	1235	1180
Airflow				
(AMCA 21085)	m^3/h	1120	910	740
Heating Capacity				
Heating system	W	2100	2100	1500
Standby	W	2100	2100	1500

Road compressor		
Model		BS330 / MS330
Nb of Cylinders		-
Displacement	cm^3	32,7
Standby		
Voltage	V/Ph/Fr	• 400/3/50-60 Hz • 230/1/50-60 Hz
Consumption (50 Hz)	W	Depend on configuration

Refrigerant		
Type		R404A
Charge	Depending on configuration	
Sound pressure		
High speed	dBA	57

Standard equipment

- Programmable timer to start the unit in standby mode before the driver's arrival
- Automatic maintenance message
- Adjustment of the temperature parameters up to 0,8°C from the set point
- By default compartment 1 is the one equipped with the smaller evaporator (smaller compartment)
- Available in R452A

Accessories or options

- Available in 12 VDC or 24 VDC (only for 400V/3)
- Door switch
- Remote evap installation
- Roof cut or roof mount installation
- Independent temperature control with the DataCOLD temperature recorder range
- DataCOLD for temperature record only
- DataCOLD 600 with specific harness (contact our local distributor) will allow to get unit alarm and temperature
- Copper installation kit

***Standby capacity are given for 400V/3ph version**

PULSOR 400 MT

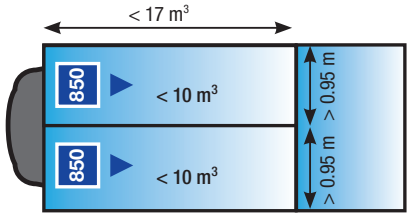
MCS 600

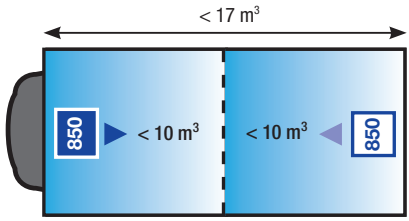
MCV 850

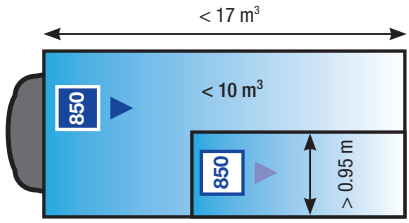
MCL 850

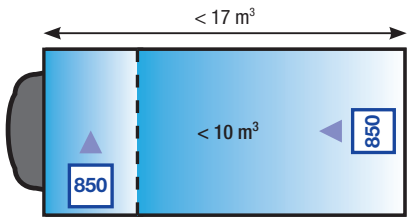
PULSOR 400 MT

MCL 850 + MCL 850

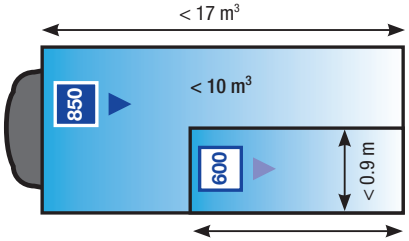


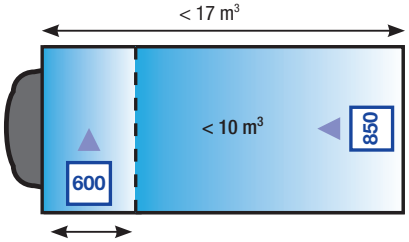




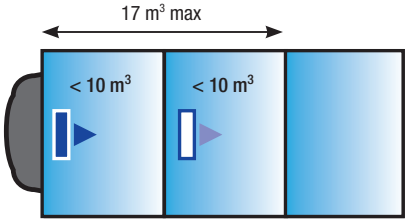


MCS 600 + MCL 850

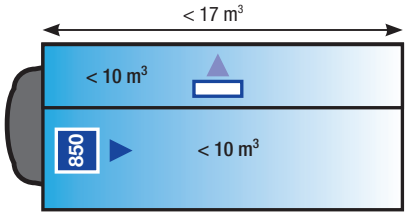




MCV 850 + MCV 850



MCL 850 + MCV 850



Volumes are given for +30°C ambient temperature and few door opening.
Temperature in compartments are complety reversible.
[Default Pulsor logic imply that smaller evaporator is for smaller compartment]

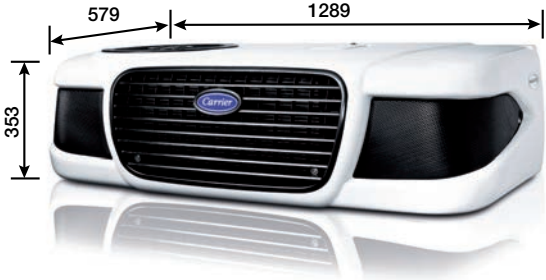
Extension kit

PULSOR 600 MT

Constant Cold throughout the day

Road & standby condenser weight

98 kg



Benefits

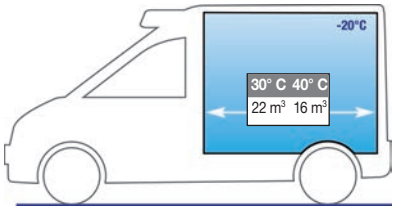
Cold Chain Revolution
Low cost of ownership
Ensuring Sustainability
High capacity at idle speed
Unequalled Technology

Sound power Lwa

83 dB

Evaporator Weight

MCL 1100 : 30 kg
MCL 850 : 22 kg
MCS 600 : 17 kg



PULSOR 600 MT

ATP - Certificate n°		M876		
Nominal capacity at -20°C / 30°C		**2375 W**		
Evaporator		**MCL 1100**	**MCL 850**	**MCS 600**
Capacity on road at 2400 rpm				
0°C/30°C	W	3840	3490	2700
-20°C/30°C	W	2220	1995	1350
Capacity on road at 1000 rpm				
0°C / 30 ° C	W	3840	3490	2700
-20°C / 30 ° C	W	2220	1995	1350
Standby capacity*				
0°C/30°C	W	3920	3515	2710
-20°C/30°C	W	2220	2010	1560
Airflow				
(AMCA 21085)	m^3/h	1620	980	700
Heating Capacity				
Heating system 18°C/-18°C	W	3000	2100	1500
Standby 18°C/-18°C	W	3000	2100	1500

Road compressor		
Model		BS330 / MS330
Nb of Cylinders		-
Displacement	cm^3	32,7
Standby		
Voltage	V/Ph/Fr	• 400/3/50-60 Hz
Consumption (50 Hz)	W	Depend on configuration

Refrigerant		
Type		R404A
Charge	kg	2,1
Sound pressure		
High speed	dBA	57

Standard equipment

- Programmable timer to start the unit in standby mode before the driver's arrival
- Automatic maintenance message
- Adjustment of the temperature parameters up to 0,8°C from the set point
- Available in R452A

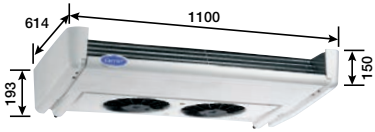
Accessories or options

•Available in 12 VDC or 24 VDC (Only for 400V/3)
- Door switch
- Remote evap installation
- Roof cut or roof mount installation
- Independent temperature control with the DataCOLD temperature recorder range
- DataCOLD for temperature record only
- DataCOLD 600 with specific harness (contact our local distributor) will allow to get unit alarm and temperature
- Copper installation kit

***Standby capacity are given for 400V/3ph version**

PULSOR 600 MT

MCL 1100

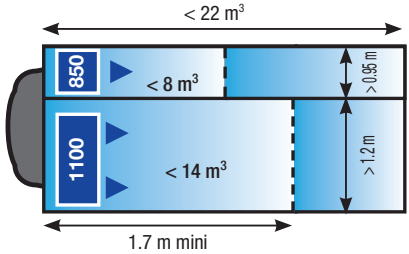


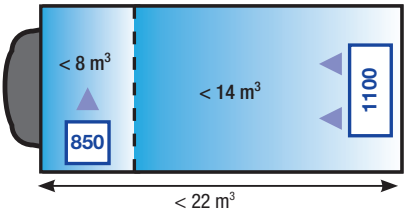
MCS 600

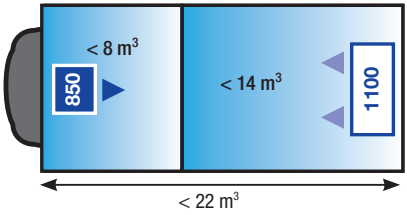
MCS 850

PULSOR 600 MT

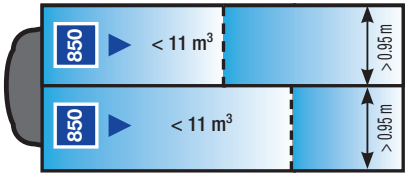
MCL 850 + MCL 1100

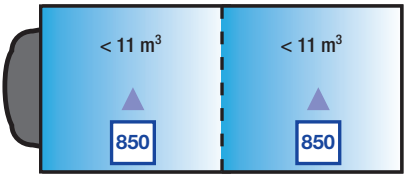


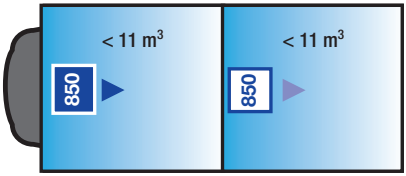




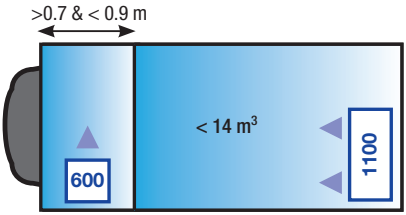
MCL 850 + MCL 850

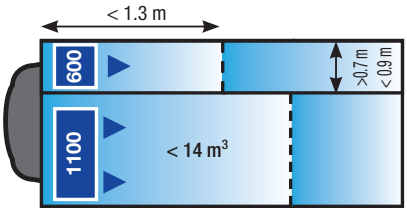






MCS 600 + MCL 1100





Volumes are given for +30°C ambient temperature and few door opening.
Temperature in compartments are complety reversible.
Default Pulsor logic imply that smaller evaporator is for smaller compartment]

Extension kit

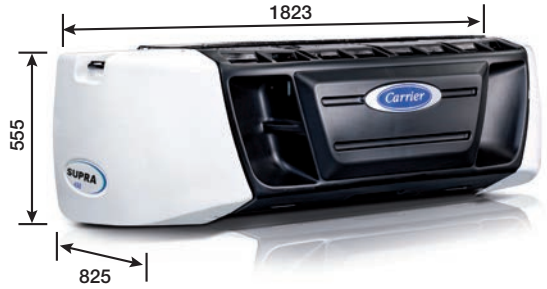
NOTES

INDEX

Trucks

SUPRA 450

Solutions for all your distribution needs
SUPRA range performance for refrigerated trucks

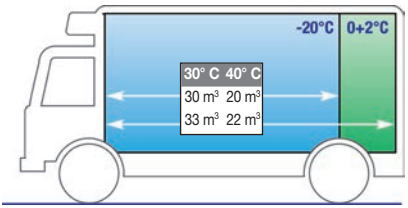


Body opening : L 800 x H 345 mm

Benefits

Constant evaporator airflow
Robust design
High reliability

Model	Total weight	Sound power Lwa
S (Road & Standby)	340 kg	97 db
T (Low noise)	343 kg	95 db



SUPRA 450

ATP - Certificate n°		M 748
Diesel High Speed capacity		
0°C / 30 ° C	W	4365
-20°C / 30 ° C	W	2515
Standby capacity		
0°C / 30 ° C	W	3810
-20°C / 30 ° C	W	2240
Airflow (constant in low / high speed)		
(AMCA 21085)	m^3/h	1590
Heating Capacity		
Diesel High speed 18°C/-18°C	W	1520
Standby 18°C/-18°C	W	775

Refrigerant		
Type		R404A
Charge	kg	3,2
Sound pressure high speed		
Standard	dBA	68
Low noise	dBA	66,1
Sound pressure low speed		
Standard	dBA	63,6
Low noise	dBA	62,4
Sound pressure standby		
Standard	dBA	59,8
Low noise	dBA	58,8

Compressor		
Model		Carrier 160
Nb of Cylinders		6
Displacement	cm^3	163
Diesel engine		
Model		CT2-29TV
Nb of Cylinders		2
Displacement	cm^3	479
Oil change interval	hrs	500 / 750
(depends on oil, with or without bypass)		
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz
		• 240/460/3/60 Hz
Power (50 Hz)	kW	3,6

Standard equipment

(R model)
- Road only unit: please consult us

(S model)
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart

(T model)
- Low noise kit

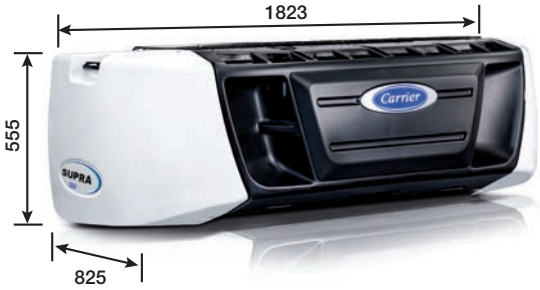
Nordic version
- Additional electrical & water heating system

Accessories or options

- By-pass oil filter
- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Fuel warmer
- Supply air control sensor
- Available in R452A on special request

SUPRA 550

Solutions for all your distribution needs
SUPRA range performance for refrigerated trucks

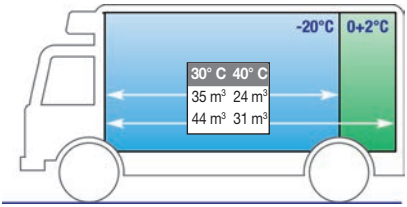


Body opening : L 1245 x H 310 mm

Benefits

Constant evaporator airflow
Robust design
High reliability

Model	Total weight	Sound power Lwa
S (Road & Standby)	391 kg	97 db
T (Low noise)	394 kg	95 db



SUPRA 550

ATP - Certificate n°		M 880
Diesel High Speed capacity		
0°C / 30 ° C	W	5150
-20°C / 30 ° C	W	2950
Standby capacity		
0°C / 30 ° C	W	4430
-20°C / 30 ° C	W	2580
Airflow (constant in low / high speed)		
(AMCA 21085)	m^3/h	2210
Heating Capacity		
Diesel High speed 18°C/-18°C	W	1940
Standby 18°C/-18°C	W	1205

Refrigerant		
Type		R404A
Charge	kg	4
Sound pressure high speed		
Standard	dBA	68
Low noise	dBA	66,1
Sound pressure low speed		
Standard	dBA	63,6
Low noise	dBA	62,4
Sound pressure standby		
Standard	dBA	59,8
Low noise	dBA	58,8

Compressor		
Model		O5K2
Nb of Cylinders		2
Displacement	cm^3	200
Diesel engine		
Model		CT2-29TV
Nb of Cylinders		2
Displacement	cm^3	479
Oil change interval	hrs	500 / 750
(depends on oil, with or without bypass)		
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz • 240/460/3/60 Hz
Power (50 Hz)	kW	3,6

Standard equipment

(R model)
- Road only unit: please consult us

(S model)
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart

(T model)
- Low noise kit

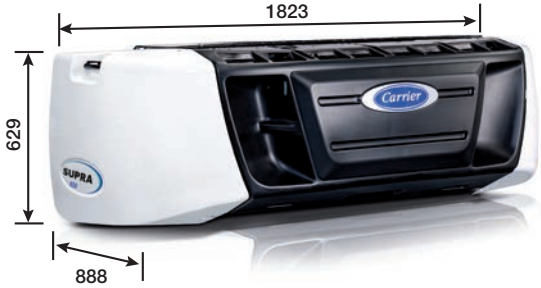
Nordic version
- Additional electrical & water heating system

Accessories or options

- By-pass oil filter
- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Fuel warmer
- Supply air control sensor
- Available in R452A on special request

SUPRA 750

Solutions for all your distribution needs
SUPRA range performance for refrigerated trucks

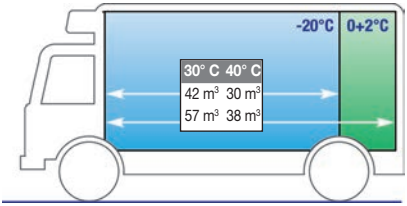


Body opening : L 1245 x H 310 mm

Benefits

Constant evaporator airflow
Robust design
High reliability
Extreme low-noise capabilities

Model	Total weight	Sound power Lwa
S (Road & Standby)	429 kg	97 db
T (Low noise)	432 kg	95 db
X (Silent)	437 kg	94 db



SUPRA 750

ATP - Certificate n°		3410K-K1
Diesel High Speed capacity		
0°C / 30 ° C	W	6830
-20°C / 30 ° C	W	3870
Standby capacity		
0°C / 30 ° C	W	5620
-20°C / 30 ° C	W	3210
Airflow (constant in low / high speed)		
(AMCA 21085)	m^3/h	2320
Heating Capacity		
Diesel High speed 18°C/-18°C	W	2170
Standby 18°C/-18°C	W	1205

Refrigerant		
Type		R404A
Charge	kg	5,2
Sound pressure high speed		
Standard	dBA	68,2
Low noise	dBA	66,9
Silent	dBA	65,8
Sound pressure low speed		
Standard	dBA	66
Low noise	dBA	63,3
Silent	dBA	62,6
Sound pressure standby		
Standard	dBA	59,7
Low noise	dBA	57,7

Compressor		
Model		O5K2
Nb of Cylinders		2
Displacement	cm^3	200
Diesel engine		
Model		CT3-44TV
Nb of Cylinders		3
Displacement	cm^3	719
Oil change interval	hrs	750 / 1000
(depends on oil, with or without bypass)		
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz • 240/460/3/60 Hz
Power (50 Hz)	kW	4,8

Standard equipment

(R model)
- Road only unit: please consult us

(S model)
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart

(T model)
- Low noise kit

(X model)
- Silent kit

(Nordic version)
- Additional electrical & water heating system

(Low Emission)

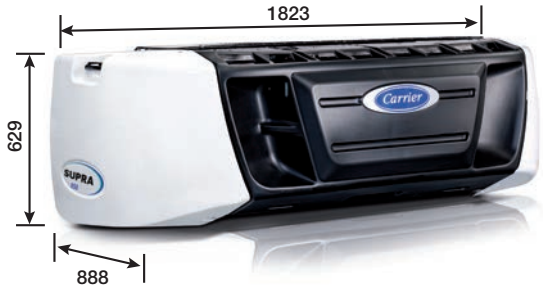
Silent kit + R452A refrigerant + Tier 4 engine

Accessories or options

- By-pass oil filter
- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Fuel warmer
- Supply air control sensor

SUPRA 850

Solutions for all your distribution needs
SUPRA range performance for refrigerated trucks

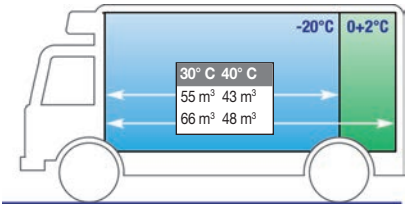


Body opening : L 1245 x H 350 mm

Benefits

Constant evaporator airflow
Robust design
High reliability
Extreme low-noise capabilities

Model	Total weight	Sound power Lwa
S (Road & Standby)	461 kg	98 db
T (Low noise)	464 kg	95 db
X (Silent)	466 kg	92 db



SUPRA 850

ATP - Certificate n°		M 844
Diesel High Speed capacity		
0°C / 30 ° C	W	7800
-20°C / 30 ° C	W	5125
Standby capacity		
0°C / 30 ° C	W	6530
-20°C / 30 ° C	W	4720
Airflow (constant in low / high speed)		
(AMCA 21085)	m^3/h	2500
Heating Capacity		
Diesel High speed 18°C/-18°C	W	3360
Standby 18°C/-18°C	W	1765

Refrigerant		
Type		R404A
Charge	kg	6,8
Sound pressure high speed		
Standard	dBA	68,7
Low noise	dBA	66
Silent	dBA	64,6
Sound pressure low speed		
Standard	dBA	66,3
Low noise	dBA	62,1
Silent	dBA	61,9
Sound pressure standby		
Standard	dBA	59,7
Low noise	dBA	55

Compressor		
Model		O5K4
Nb of Cylinders		4
Displacement	cm^3	400
Diesel engine		
Model		CT3-44TV
Nb of Cylinders		3
Displacement	cm^3	719
Oil change interval	hrs	750 / 1000
(depends on oil, with or without bypass)		
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz • 240/460/3/60 Hz
Power (50 Hz)	kW	4,8

Standard equipment

(R model)
- Road only unit: please consult us

(S model)
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart

(T model)
- Low noise kit

(X model)
- Silent kit

(Nordic version)
- Additional electrical & water heating system

(Low Emission)

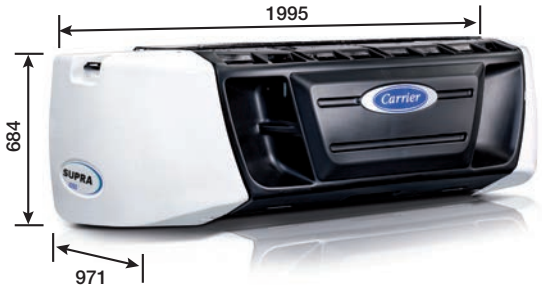
Silent kit + R452A refrigerant + Tier 4 engine

Accessories or options

- By-pass oil filter
- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Fuel warmer
- Supply air control sensor

SUPRA 1050

Solutions for all your distribution needs
SUPRA range performance for refrigerated trucks

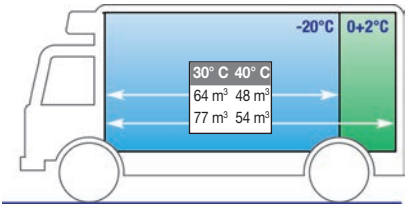


Body opening : L 1245 x H 350 mm

Benefits

Constant evaporator airflow
Robust design
High reliability
Extreme low-noise capabilities
High cooling performance

Model	Total weight	Sound power Lwa
S (Road & Standby)	617 kg	98 db



SUPRA 1050

ATP - Certificate n°		M 804
Diesel High Speed capacity		
0°C / 30 ° C	W	9100
-20°C / 30 ° C	W	5600
Standby capacity		
0°C / 30 ° C	W	7800
-20°C / 30 ° C	W	4900
Airflow (constant in low / high speed)		
(AMCA 21085)	m^3/h	3350
Heating Capacity		
Diesel High speed 18°C/-18°C	W	3520
Standby 18°C/-18°C	W	2530

Refrigerant		
Type		R404A
Charge	kg	5,4
Sound pressure high speed		
Standard	dBA	69,6
Sound pressure low speed		
Standard	dBA	67,2
Sound pressure standby		
Standard	dBA	61,5

Compressor		
Model		O5K4
Nb of Cylinders		4
Displacement	cm^3	400
Diesel engine		
Model		CT3-69TV
Nb of Cylinders		3
Displacement	cm^3	1123
Oil change interval	hrs	1000
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz • 240/460/3/60 Hz
Power (50 Hz)	kW	9

Standard equipment

(R model)
- Road only unit: please consult us

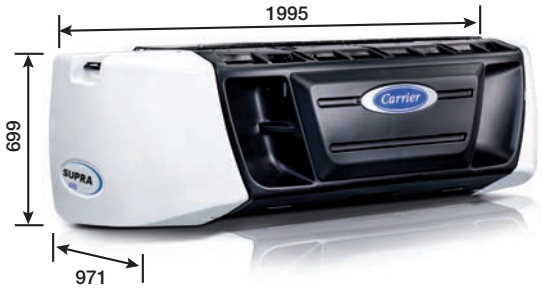
(S model)
- By-pass oil filter
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart

Accessories or options

- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Fuel warmer
- Supply air control sensor

SUPRA 1050 Silent

Solutions for all your distribution needs
SUPRA range performance for refrigerated trucks

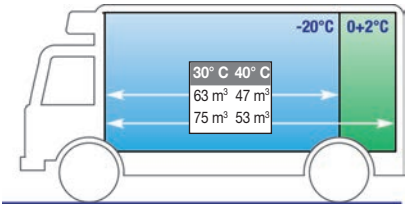


Body opening : L 1245 x H 350 mm

Benefits

Constant evaporator airflow
Robust design
High reliability
Extreme low-noise capabilities
High cooling performance

Model	Total weight	Sound power Lwa
X (Silent)	621 kg	94 db



SUPRA 1050 Silent

ATP - Certificate n°		M 811
Diesel High Speed capacity		
0°C / 30 ° C	W	8800
-20°C / 30 ° C	W	5500
Standby capacity		
0°C / 30 ° C	W	8150
-20°C / 30 ° C	W	5000
Airflow (constant in low / high speed)		
(AMCA 21085)	m^3/h	3350
Heating Capacity		
Diesel High speed 18°C/-18°C	W	3410
Standby 18°C/-18°C	W	2450

Refrigerant		
Type		R404A
Charge	kg	5,4
Sound pressure high speed		
Silent	dBA	65,4
Sound pressure low speed		
Silent	dBA	62,4
Sound pressure standby		
Silent	dBA	59,9

Compressor		
Model		O5K4
Nb of Cylinders		4
Displacement	cm^3	400
Diesel engine		
Model		CT3-69TV
Nb of Cylinders		3
Displacement	cm^3	1123
Oil change interval	hrs	1000
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz • 240/460/3/60 Hz
Power (50 Hz)	kW	9

Standard equipment

(R model)
- Road only unit: please consult us

(S model)
- By-pass oil filter
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart

(X model)
- Silent kit

(Nordic version)
- Additional electrical & water heating system

(Low Emission)

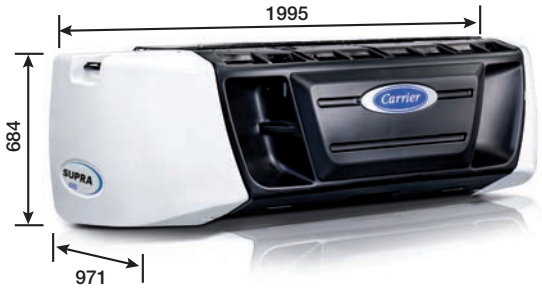
Silent kit + R452A refrigerant + Tier 4 engine

Accessories or options

- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Fuel warmer
- Supply air control sensor

SUPRA 1150

Solutions for all your distribution needs
SUPRA range performance for refrigerated trucks

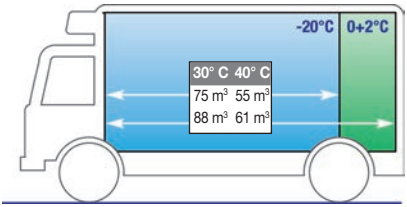


Body opening : L 1245 x H 350 mm

Benefits

Constant evaporator airflow
Robust design
High reliability
Extreme low-noise capabilities
High cooling performance

Model	Total weight	Sound power Lwa
S (Road & Standby)	626 kg	99 db



SUPRA 1150

ATP - Certificate n°		M 796 corr 1
Diesel High Speed capacity		
0°C / 30 ° C	W	10500
-20°C / 30 ° C	W	6350
Standby capacity		
0°C / 30 ° C	W	8900
-20°C / 30 ° C	W	5400
Airflow (constant in low / high speed)		
(AMCA 21085)	m^3/h	3350
Heating Capacity		
Diesel High speed 18°C/-18°C	W	4720
Standby 18°C/-18°C	W	2740

Refrigerant		
Type		R404A
Charge	kg	5,7
Sound pressure high speed		
Standard	dBA	69,2
Sound pressure low speed		
Standard	dBA	65,7
Sound pressure standby		
Standard	dBA	62,2

Compressor		
Model		O5K4
Nb of Cylinders		4
Displacement	cm^3	400
Diesel engine		
Model		CT3-69TV
Nb of Cylinders		3
Displacement	cm^3	1123
Oil change interval	hrs	1000
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz • 240/460/3/60 Hz
Power (50 Hz)	kW	9

Standard equipment

(R model)

- Road only unit: please consult us

(S model)

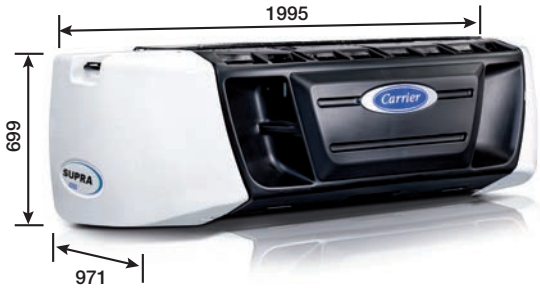
- By-pass oil filter
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart

Accessories or options

- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Fuel warmer
- Supply air control sensor

SUPRA 1150 Silent

Solutions for all your distribution needs
SUPRA quiet performance for refrigerated trucks

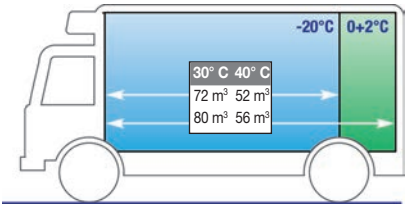


Body opening : L 1245 x H 350 mm

Benefits

Constant evaporator airflow
Robust design
High reliability
Extreme low-noise capabilities
High cooling performance

Model	Total weight	Sound power Lwa
X (Silent)	630 kg	96 db



SUPRA 1150 Silent

ATP - Certificate n°		M 803
Diesel High Speed capacity		
0°C / 30 ° C	W	9600
-20°C / 30 ° C	W	6100
Standby capacity		
0°C / 30 ° C	W	7900
-20°C / 30 ° C	W	5250
Airflow (constant in low / high speed)		
(AMCA 21085)	m^3/h	3350
Heating Capacity		
Diesel High speed 18°C/-18°C	W	4550
Standby 18°C/-18°C	W	2650

Refrigerant		
Type		R404A
Charge	kg	5,7
Sound pressure high speed		
Silent	dBA	66,4
Sound pressure low speed		
Silent	dBA	62,5
Sound pressure standby		
Silent	dBA	59,1

Compressor		
Model		O5K4
Nb of Cylinders		4
Displacement	cm^3	400
Diesel engine		
Model		CT3-69TV
Nb of Cylinders		3
Displacement	cm^3	1123
Oil change interval	hrs	1000
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz • 240/460/3/60 Hz
Power (50 Hz)	kW	9

Standard equipment

(R model)
- Road only unit: please consult us

(S model)
- By-pass oil filter
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart
- Silent kit

(Nordic version)
- Additional electrical & water heating system

(Low Emission)

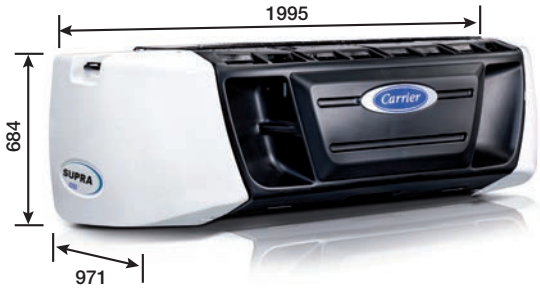
Silent kit + R452A refrigerant + Tier 4 engine

Accessories or options

- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Fuel warmer
- Supply air control sensor

SUPRA 1250

Solutions for all your distribution needs
SUPRA range performance for refrigerated trucks

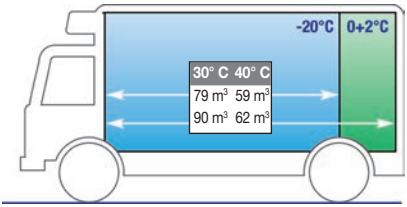


Body opening : L 1245 x H 350 mm

Benefits

Constant evaporator airflow
Robust design
High reliability
Extreme low-noise capabilities
High cooling performance

Model	Total weight	Sound power Lwa
S (Road & Standby)	636 kg	99 db



SUPRA 1250

ATP - Certificate n°		M 813
Diesel High Speed capacity		
0°C / 30 ° C	W	12050
-20°C / 30 ° C	W	6990
Standby capacity		
0°C / 30 ° C	W	9150
-20°C / 30 ° C	W	6300
Airflow (constant in low / high speed)		
(AMCA 21085)	m^3/h	3350
Heating Capacity		
Diesel High speed 18°C/-18°C	W	4720
Standby 18°C/-18°C	W	2740

Refrigerant		
Type		R404A
Charge	kg	6
Sound pressure high speed		
Standard	dBA	69,2
Sound pressure low speed		
Standard	dBA	65,7
Sound pressure standby		
Standard	dBA	62,2

Compressor		
Model		O5G
Nb of Cylinders		6
Displacement	cm^3	600
Diesel engine		
Model		CT3-69TV
Nb of Cylinders		3
Displacement	cm^3	1123
Oil change interval	hrs	1000
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz • 240/460/3/60 Hz
Power (50 Hz)	kW	9

Standard equipment

(R model)

- Road only unit: please consult us

(S model)

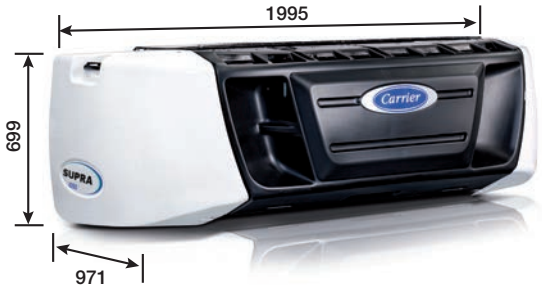
- By-pass oil filter
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart

Accessories or options

- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Fuel warmer
- Supply air control sensor

SUPRA 1250 Silent

Solutions for all your distribution needs
SUPRA quiet performance for refrigerated trucks

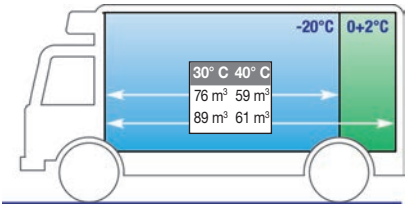


Body opening : L 1245 x H 350 mm

Benefits

Constant evaporator airflow
Robust design
High reliability
Extreme low-noise capabilities
High cooling performance

Model	Total weight	Sound power Lwa
X (Silent)	640 kg	96 db



SUPRA 1250 Silent

ATP - Certificate n°		M 814
Diesel High Speed capacity		
0°C / 30 ° C	W	11300
-20°C / 30 ° C	W	6550
Standby capacity		
0°C / 30 ° C	W	8760
-20°C / 30 ° C	W	6300
Airflow (constant in low / high speed)		
(AMCA 21085)	m^3/h	3350
Heating Capacity		
Diesel High speed 18°C/-18°C	W	4550
Standby 18°C/-18°C	W	2650

Refrigerant		
Type		R404A
Charge	kg	6
Sound pressure high speed		
Silent	dBA	66,4
Sound pressure low speed		
Silent	dBA	62,5
Sound pressure standby		
Silent	dBA	59,1

Compressor		
Model		O5G
Nb of Cylinders		6
Displacement	cm^3	600
Diesel engine		
Model		CT3-69TV
Nb of Cylinders		3
Displacement	cm^3	1123
Oil change interval	hrs	1000
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz • 240/460/3/60 Hz
Power (50 Hz)	kW	9

Standard equipment

(R model)
- Road only unit: please consult us

(S model)
- By-pass oil filter
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart
- Silent kit

(Nordic version)
- Additional electrical & water heating system

(Low Emission)

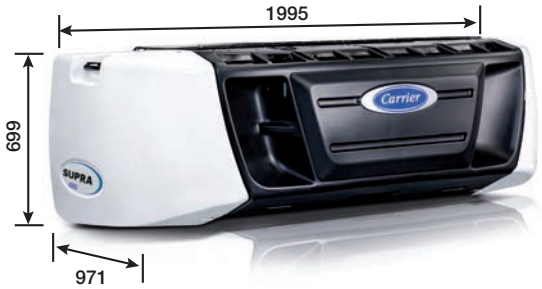
Silent kit + R452A refrigerant + Tier 4 engine

Accessories or options

- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Fuel warmer
- Supply air control sensor

SUPRA 1250 City

Quiet solution (Piek Certified) for all your distribution needs
SUPRA City for extreme low noise performance for refrigerated trucks

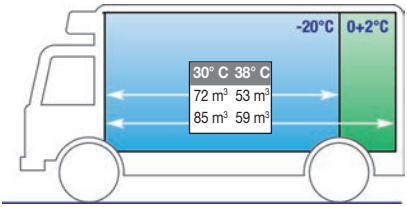


Body opening : L 1245 x H 350 mm

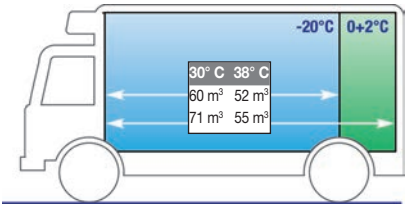
Benefits

Constant evaporator airflow
Robust design
High reliability
Extreme low-noise capabilities
High cooling performance

Model	Total weight	Sound power Lwa
City	644 kg	92 db



PIEK MODE



SUPRA 1250 City

ATP - Certificate n°		M 801
Diesel High Speed capacity		
0°C / 30 ° C	W	10200
-20°C / 30 ° C	W	6200
Diesel Piek Mode		
0°C / 30 ° C	W	8300
-20°C / 30 ° C	W	5200
Standby capacity		
0°C / 30 ° C	W	9800
-20°C / 30 ° C	W	5850
Airflow (constant in low / high speed)		
(AMCA 21085)	m^3/h	3350
Heating Capacity		
Diesel High speed 18°C/-18°C	W	4120
Standby 18°C/-18°C	W	2350

Compressor		
Model		O5G
Nb of Cylinders		6
Displacement	cm^3	600
Diesel engine		
Model		CT3-69TV
Nb of Cylinders		3
Displacement	cm^3	1123
Oil change interval	hrs	1000
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz • 240/460/3/60 Hz
Power (50 Hz)	kW	9

Refrigerant		
Type		R404A
Charge	kg	6,8
Sound pressure high speed		
City	dBA	63,8
Sound pressure low speed		
City	dBA	58,4
Sound pressure standby		
City	dBA	58,6

Standard equipment

- By-pass oil filter
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart

(Low Emission)

Silent kit + R452A refrigerant + Tier 4 engine

Accessories or options

- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Fuel warmer
- Supply air control sensor

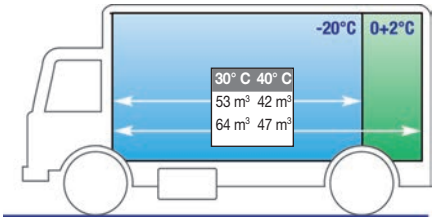
SUPRA 850 U

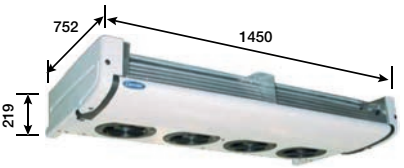
Compact undermount Diesel truck unit, combining high cooling capacities with robust reliability

Benefits

Highly resistant to humidity, pollution and dust
Exceptional reliability
Low-noise operation
Extra-flat evaporator

Model	Condenser weight	Sound power Lwa
S (Road & Standby)	453 kg	97 db





SUPRA 850 U

ATP - Certificate n°		M 845
Diesel High Speed capacity		
0°C / 30 ° C	W	7790
-20°C / 30 ° C	W	4580
Standby capacity		
0°C / 30 ° C	W	6820
-20°C / 30 ° C	W	4200
Airflow (constant in low / high speed)		
(AMCA 21085)	m^3/h	2950
Heating Capacity		
Diesel High speed 18°C/-18°C	W	3360
Standby 18°C/-18°C	W	1765

Compressor		
Model		O5K4
Nb of Cylinders		4
Displacement	cm^3	400
Diesel engine		
Model		CT3-44TV
Nb of Cylinders		3
Displacement	cm^3	719
Oil change interval	hrs	750
Standby motor		
Standby voltage	V/Ph/Fr	• 400/3/50 Hz
Power (50 Hz)	kW	5

Refrigerant		
Type		R404A
Charge	kg	6,8
Sound pressure high speed		
Standard	dBA	68,2

Standard equipment

(T model)

- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart
- Low noise kit
- Easy access to oil & coolant gauges
- Easy access to air, fuel and oil filters
- Poly-V Flexonic® belts

(Low Emission)

Silent kit + R452A refrigerant + Tier 4 engine

Accessories or options

- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote panel & remote panel extension
- Door switch
- Fuel warmer
- Supply air control sensor

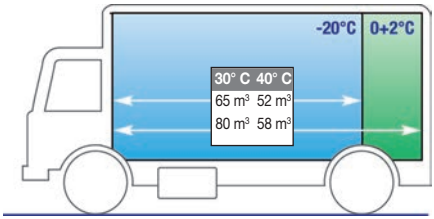
SUPRA 950 U

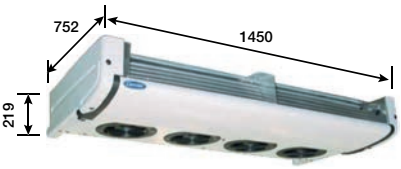
Extremely powerful, undermount diesel truck unit, combining exceptional cooling capacities with robust reliability

Benefits

Highly resistant to humidity, pollution and dust
Exceptional reliability and performance
Extra-flat evaporator

Model	Condenser weight	Sound power Lwa
S (Road & Standby)	553 kg	102 db
T (Low noise)	558 kg	101 db





SUPRA 950 U

ATP - Certificate n°		M 842
Diesel High Speed capacity		
0°C / 30 ° C	W	10540
-20°C / 30 ° C	W	6100
Standby capacity		
0°C / 30 ° C	W	8300
-20°C / 30 ° C	W	5600
Airflow (constant in low / high speed)		
(AMCA 21085)	m^3/h	2790
Heating Capacity		
Diesel High speed 18°C/-18°C	W	3960
Standby 18°C/-18°C	W	2390

Compressor		
Model		O5G
Nb of Cylinders		6
Displacement	cm^3	600
Diesel engine		
Model		CT3-69TV
Nb of Cylinders		3
Displacement	cm^3	1123
Oil change interval	hrs	1000
Standby motor		
Standby voltage	V/Ph/Fr	• 400/3/50 Hz
Power (50 Hz)	kW	9

Refrigerant		
Type		R404A
Charge	kg	6,8
Sound pressure high speed		
Standard	dBA	76,8
Noise	dBA	
Sound pressure low speed		
Standard	dBA	73,7
Noise	dBA	
Sound pressure standby		
Standard	dBA	66,1
Noise	dBA	

Standard equipment

(S model)
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart
- Easy access to oil & coolant gauges
- Easy access to air, fuel and oil filters
- Poly-V Flexonic® belts

(T model)
- Low noise kit

(Low Emission)

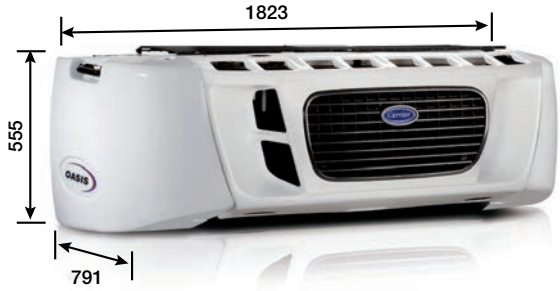
Silent kit + R452A refrigerant +Tier 4 engine

Accessories or options

- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Fuel warmer
- Supply air control sensor

OASIS 150

Tough outside, cool inside
Specially designed to meet the challenges raised by high ambient temperatures

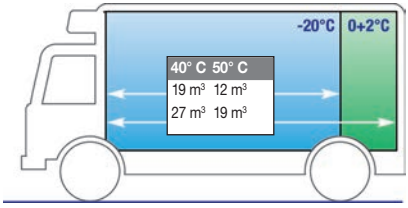


Body opening : L 800 x H 345 mm

Benefits

Constant evaporator airflow
High ambient designed
Maintenance friendly operation

Model	Total weight	Sound power Lwa
S (Road & Standby)	391 kg	98 db



OASIS 150

Diesel High Speed capacity		
0°C / 30 ° C	W	5000
-20°C / 30 ° C	W	2600
Standby capacity		
0°C / 30 ° C	W	4070
-20°C / 30 ° C	W	2000
Airflow (constant in low / high speed)		
(AMCA 21085)	m^3/h	2250
Heating Capacity		
Diesel High speed 18°C/-18°C	W	1280
Standby 18°C/-18°C	W	800

Refrigerant		
Type		R404A
Charge	kg	4
Sound pressure high speed		
Standard	dBA	69

Compressor		
Model		O5K2
Nb of Cylinders		2
Displacement	cm^3	200
Diesel engine		
Model		CT2-29TV
Nb of Cylinders		2
Displacement	cm^3	479
Oil change interval	hrs	500 / 750
(depends on oil, with or without bypass)		
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz • 240/460/3/60 Hz
Power (50 Hz)	kW	3,6

Standard equipment

(R model)
- Road only unit: please consult us

(S model)
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hour meter
- Automatic diesel restart

Accessories or options

- By-pass oil filter
- Battery
- Battery box
- Fuel tank
- Plunger tube for vehicle fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch

OASIS 150 Fresh

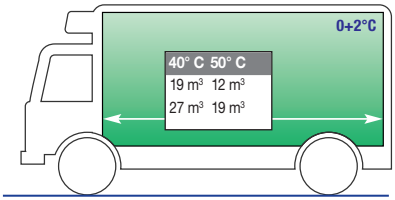
Tough outside, cool inside
Specially designed for fresh applications and to meet the challenges raised by very high ambient temperatures

Body opening : L 800 x H 345 mm

Benefits

Constant evaporator flow
For fresh application in very high ambient
Very light
Maintenance friendly operation

Model	Total weight	Sound power Lwa
Standard	340 kg	97 db



OASIS 150 Fresh

Diesel High Speed capacity		
0°C / 30 ° C	W	3310
-20°C / 30 ° C	W	1095
Standby capacity		
0°C / 30 ° C	W	2945
-20°C / 30 ° C	W	1000
Airflow (constant in low / high speed)		
(AMCA 21085)	m^3/h	1590
Heating Capacity		
Diesel High speed 18°C/-18°C	W	1520
Standby 18°C/-18°C	W	775

Refrigerant		
Type		R134a
Charge	kg	3,5
Sound pressure high speed		
Standard	dBA	68

Compressor		
Model		Carrier 160
Nb of Cylinders		6
Displacement	cm^3	163
Diesel engine		
Model		D472
Nb of Cylinders		2
Displacement	cm^3	479
Oil change interval	hrs	500 / 750
(depends on oil, with or without bypass)		
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz • 240/460/3/60 Hz
Power (50 Hz)	kW	3,6

Standard equipment

(R model)
- Road only unit: please consult us

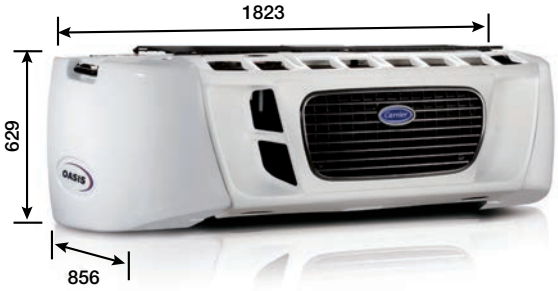
(S model)
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hour meter
- Automatic diesel restart

Accessories or options

- By-pass oil filter
- Battery
- Battery box
- Fuel tank
- Plunger tube for vehicle fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch

OASIS 250

Tough outside, cool inside
Specially designed to meet the challenges raised by high ambient temperatures

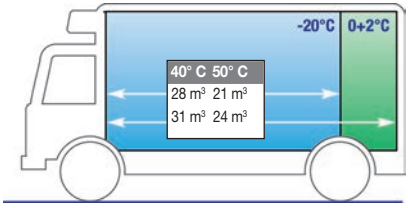


Body opening : L 1245 x H 310 mm

Benefits

Constant evaporator airflow
High ambient designed
Maintenance friendly operation

Model	Total weight	Sound power Lwa
S (Road & Standby)	429 kg	101 db



OASIS 250

Diesel High Speed capacity		
0°C / 30 ° C	W	5800
-20°C / 30 ° C	W	3600
Standby capacity		
0°C / 30 ° C	W	4440
-20°C / 30 ° C	W	2840
Airflow (constant in low / high speed)		
(AMCA 21085)	m^3/h	2250
Heating Capacity		
Diesel High speed 18°C/-18°C	W	1430
Standby 18°C/-18°C	W	800

Refrigerant		
Type		R404A
Charge	kg	5,2
Sound pressure high speed		
Standard	dBA	72

Compressor		
Model		O5K2
Nb of Cylinders		2
Displacement	cm^3	200
Diesel engine		
Model		CT3-44TV
Nb of Cylinders		3
Displacement	cm^3	719
Oil change interval	hrs	750 / 1000
(depends on oil, with or without bypass)		
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz • 240/460/3/60 Hz
Power (50 Hz)	kW	4,8

Standard equipment

(R model)
- Road only unit: please consult us

(S model)
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hour meter
- Automatic diesel restart

Accessories or options

- By-pass oil filter
- Battery
- Battery box
- Fuel tank
- Plunger tube for vehicle fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch

OASIS 250 Fresh

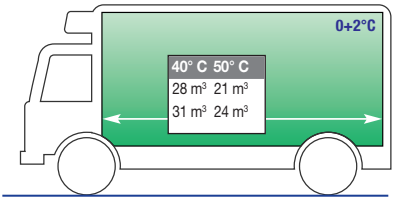
Tough outside, cool inside
Specially designed for fresh applications and to meet the challenges raised by very high ambient temperatures

Body opening : L 1245 x H 310 mm

Benefits

Constant evaporator flow
For fresh application in very high ambient
Maintenance friendly operation

Model	Total weight	Sound power Lwa
Standard	429 kg	97 db



OASIS 250 Fresh

Diesel High Speed capacity		
0°C / 30 ° C	W	5025
-20°C / 30 ° C	W	2180
Standby capacity		
0°C / 30 ° C	W	4175
-20°C / 30 ° C	W	1725
Airflow (constant in low / high speed)		
(AMCA 21085)	m^3/h	2250
Heating Capacity		
Diesel High speed 18°C/-18°C	W	2170
Standby 18°C/-18°C	W	1205

Refrigerant		
Type		R134a
Charge	kg	5,5
Sound pressure high speed		
Standard	dBA	72

Compressor		
Model		O5K2
Nb of Cylinders		2
Displacement	cm^3	200
Diesel engine		
Model		CT3-44TV
Nb of Cylinders		3
Displacement	cm^3	719
Oil change interval	hrs	750 / 1000
(depends on oil, with or without bypass)		
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz • 240/460/3/60 Hz
Power (50 Hz)	kW	4,8

Standard equipment

(R model)
- Road only unit: please consult us

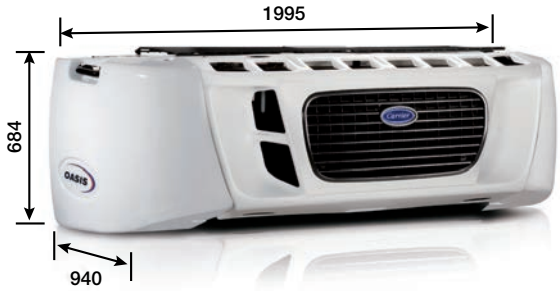
(S model)
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hour meter
- Automatic diesel restart

Accessories or options

- By-pass oil filter
- Battery
- Battery box
- Fuel tank
- Plunger tube for vehicle fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch

OASIS 350

Tough outside, cool inside
Specially designed to meet the challenges raised by high ambient temperatures

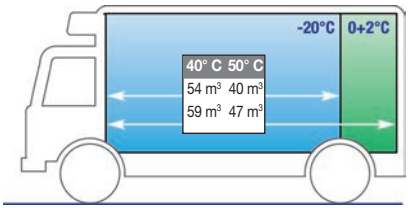


Body opening : L 1245 x H 310 mm

Benefits

Constant evaporator airflow
High ambient designed
High refrigeration capacity
Maintenance friendly operation

Model	Total weight	Sound power Lwa
S (Road & Standby)	596 kg	99 db



OASIS 350

Diesel High Speed capacity		
0°C / 30 ° C	W	10300
-20°C / 30 ° C	W	6400
Standby capacity		
0°C / 30 ° C	W	9600
-20°C / 30 ° C	W	5800
Airflow (constant in low / high speed)		
(AMCA 21085)	m^3/h	2770
Heating Capacity		
Diesel High speed 18°C/-18°C	W	3945
Standby 18°C/-18°C	W	2370

Refrigerant		
Type		R404A
Charge	kg	6,8
Sound pressure high speed		
Standard	dBA	70

Compressor		
Model		O5G
Nb of Cylinders		6
Displacement	cm^3	600
Diesel engine		
Model		CT3-69TV
Nb of Cylinders		3
Displacement	cm^3	1123
Oil change interval	hrs	1000
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz • 240/460/3/60 Hz
Power (50 Hz)	kW	9

Standard equipment

(R model)
- Road only unit: please consult us

(S model)
- By-pass oil filter
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hour meter
- Automatic diesel restart

Accessories or options

- Battery
- Battery box
- Fuel tank
- Plunger tube for vehicle fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & Remote panel extension
- Door switch

SUPRA 750 MT

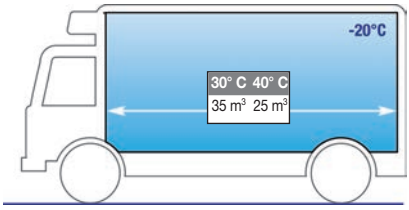
Total flexibility for multi-product deliveries with ultra-slim evaporators that can be adapted to large configuration requirement

Body opening : L 90 x H 90 mm

Benefits

Exceptional performance characteristics
High reliability
Improved service accessibility

Model	Condenser weight	Sound power Lwa
S (Road & Standby)	411 kg	97 db
X (Silent)	419 kg	94 db



SUPRA 750 MT

ATP - Certificate n°		M 760		
Nominal capacity at -20°C / 30°C		**3810 W**		
Evaporator		**MTS 700**	**MTS 1100**	**MTS 1450**
Diesel High Speed capacity				
0°C / 30 ° C	W	4220	5770	6200
-20°C / 30 ° C	W	2650	3300	3670
Standby capacity				
0°C / 30 ° C	W	4210	5320	5620
-20°C / 30 ° C	W	2510	3090	3490
Airflow (constant in low / high speed)				
(AMCA 21085)	m^3/h	1070	1950	2210
Heating Capacity				
Diesel High speed 18°C/-18°C	W	2940	3120	3300
Standby 18°C/-18°C	W	2855	3080	3275

Compressor		
Model		O5K2
Nb of Cylinders		2
Displacement	cm^3	200
Diesel engine		
Model		CT3-44TV
Nb of Cylinders		3
Displacement	cm^3	719
Oil change interval	hrs	750 / 1000
(depends on oil, with or without bypass)		
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz
Power (50 Hz)	kW	4,8

Refrigerant		
Type		R404A
Charge	Depending on configuration	
Sound pressure high speed		
Standard	dBA	68,2
Silent	dBA	65,8
Sound pressure low speed		
Standard	dBA	66
Silent	dBA	62,6
Sound pressure standby		
Standard	dBA	59,7

Standard equipment

(S model)
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart

(X model)
- Silent kit

(Low Emission)

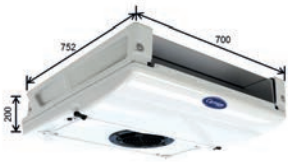
Silent kit + R452A refrigerant + Tier 4 engine

Accessories or options

- By-pass oil filter
- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Water drain for evaporator

SUPRA 750 MT

MTS 700



23 kg

MTS 1450

42 kg

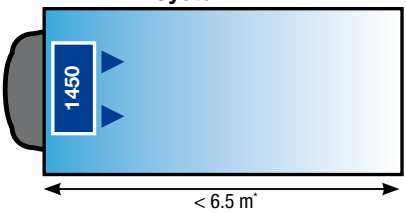
MTS 1100

34 kg

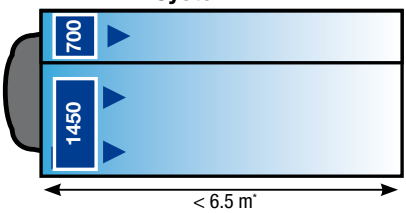
SUPRA 750 MT

Example of multi-temperature configurations

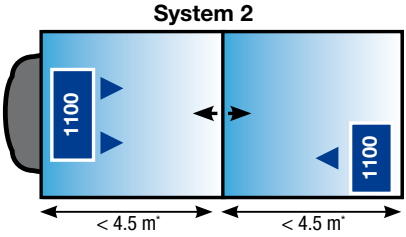
System 1



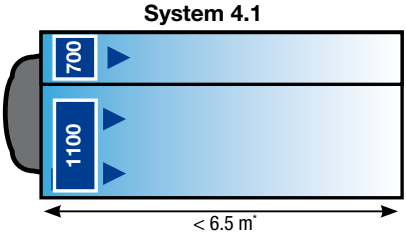
System 4



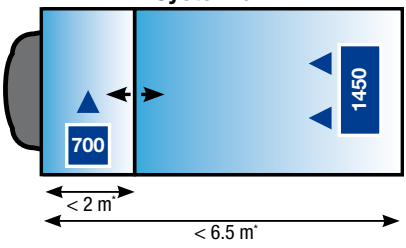
System 2



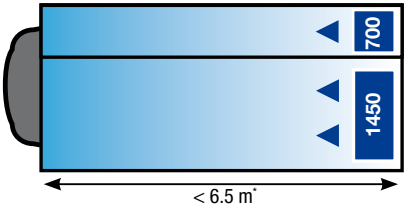
System 4.1



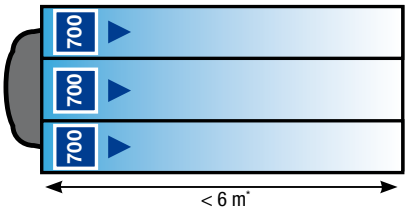
System 3



System 4.2



System 6



(*) Compartment lengths are given for 30°C ambient temperature, -20°C compartment temperature.
Other configurations are available upon request.

SUPRA 850 MT

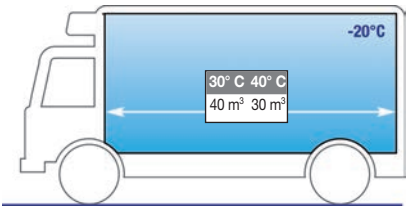
Total flexibility for multi-product deliveries with ultra-slim evaporators that can be adapted to large configuration requirement

Body opening : L 90 x H 90 mm

Benefits

Exceptional performance characteristics
High reliability
Improved service accessibility

Model	Condenser weight	Sound power Lwa
S (Road & Standby)	443 kg	98 db
X (Silent)	448 kg	92 db



SUPRA 850 MT

ATP - Certificate n°		M 841		
Nominal capacity at -20°C / 30°C		**4490 W**		
Evaporator		**MTS 700**	**MTS 1100**	**MTS 1450**
Diesel High Speed capacity				
0°C / 30 ° C	W	5270	6810	7190
-20°C / 30 ° C	W	3230	4120	4030
Standby capacity				
0°C / 30 ° C	W	4970	6220	6340
-20°C / 30 ° C	W	3020	3640	3680
Airflow (constant in low / high speed)				
(AMCA 21085)	m^3/h	1230	2290	2780
Heating Capacity				
Diesel High speed 18°C/-18°C	W	2985	3425	3645
Standby 18°C/-18°C	W	2925	3320	3530

Compressor		
Model		O5K4
Nb of Cylinders		4
Displacement	cm^3	400
Diesel engine		
Model		CT3-44TV
Nb of Cylinders		3
Displacement	cm^3	719
Oil change interval	hrs	750 / 1000
(depends on oil, with or without bypass)		
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz
Power (50 Hz)	kW	5

Refrigerant		
Type		R404A
Charge	Depending on configuration	
Sound pressure high speed		
Standard	dBA	68,7
Silent	dBA	64,6
Sound pressure low speed		
Standard	dBA	66,3
Silent	dBA	61,9
Sound pressure standby		
Standard	dBA	59,7

Standard equipment

(S model)
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart

(X model)
- Silent kit

(Low Emission)

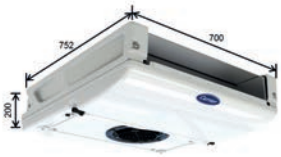
Silent kit + R452A refrigerant + Tier 4 engine

Accessories or options

- By-pass oil filter
- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Water drain for evaporator

SUPRA 850 MT

MTS 700



23 kg

MTS 1450

42 kg

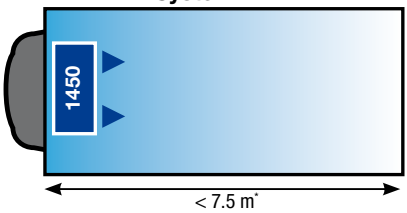
MTS 1100

34 kg

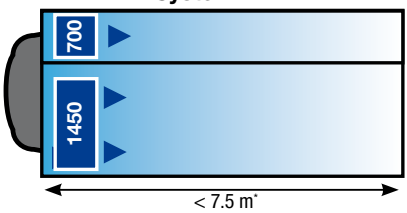
SUPRA 850 MT

Example of multi-temperature configurations

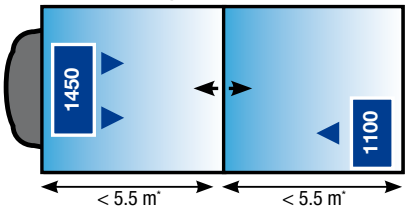
System 1



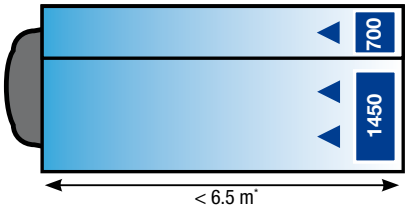
System 4



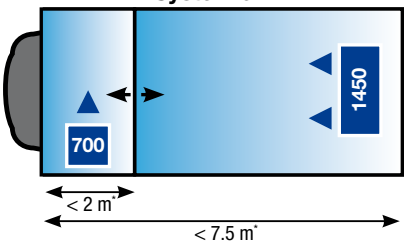
System 2



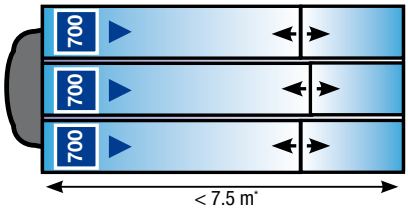
System 4.2



System 3



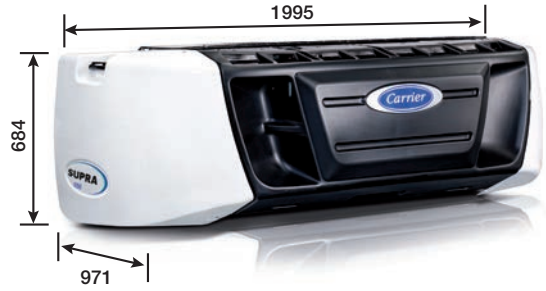
System 6



(*) Compartment lengths are given for 30°C ambient temperature, -20°C compartment temperature.
Other configurations are available upon request.

SUPRA 1150 MT

Total flexibility for multi-product deliveries with ultra-slim evaporators that can be adapted to large configuration requirement

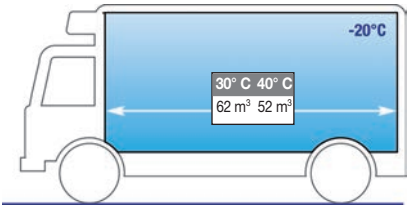


Body opening : L 100 x H 100 mm

Benefits

Exceptional performance characteristics
High reliability
Improved service accessibility
Large choice of evaporators

Model	Condenser weight	Sound power Lwa
S (Road & Standby)	576 kg	99 db



SUPRA 1150 MT

ATP - Certificate n°		M 812 Corr1					
Nominal capacity at -20°C / 30°C		6450 W					
Evaporator		**MTS 700**	**MTS 1100**	**MTS 1450**	**MTS 2200**	**MTD 1450**	**MTD 2200**
Diesel High Speed capacity							
0°C / 30 ° C	W	5340	7870	9300	10050	8990	10750
-20°C / 30 ° C	W	3300	4550	5250	5600	5150	5500
Standby capacity							
0°C / 30 ° C	W	5350	7200	8300	9070	8000	9450
-20°C / 30 ° C	W	3130	4350	4600	4770	4500	4750
Airflow (constant in low / high speed)							
(AMCA 21085)	m^3/h	1100	2100	2400	3500	2350	3600
Heating Capacity							
Diesel High speed 18°C/-18°C	W	4680	4710	4890	5200	4890	5200
Standby 18°C/-18°C	W	4270	4320	4530	4770	4530	4770

Compressor		
Model		O5K4
Nb of Cylinders		4
Displacement	cm^3	400
Diesel engine		
Model		CT3-69TV
Nb of Cylinders		3
Displacement	cm^3	1123
Oil change interval	hrs	1000
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz
Power (50 Hz)	kW	9

Refrigerant		
Type		R404A
Charge	Depending on configuration	
Sound pressure high speed		
Standard	dBA	69,2
Sound pressure low speed		
Standard	dBA	65,7
Sound pressure standby		
Standard	dBA	62,2

Standard equipment

(S model)

- By-pass oil filter
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart

Accessories or options

- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Water drain for evaporator

SUPRA 1150 MT

MTS 700

23 kg

MTS 1100

34 kg

MTS 1450

42 kg

MTS 2200

60 kg

MTD 1450

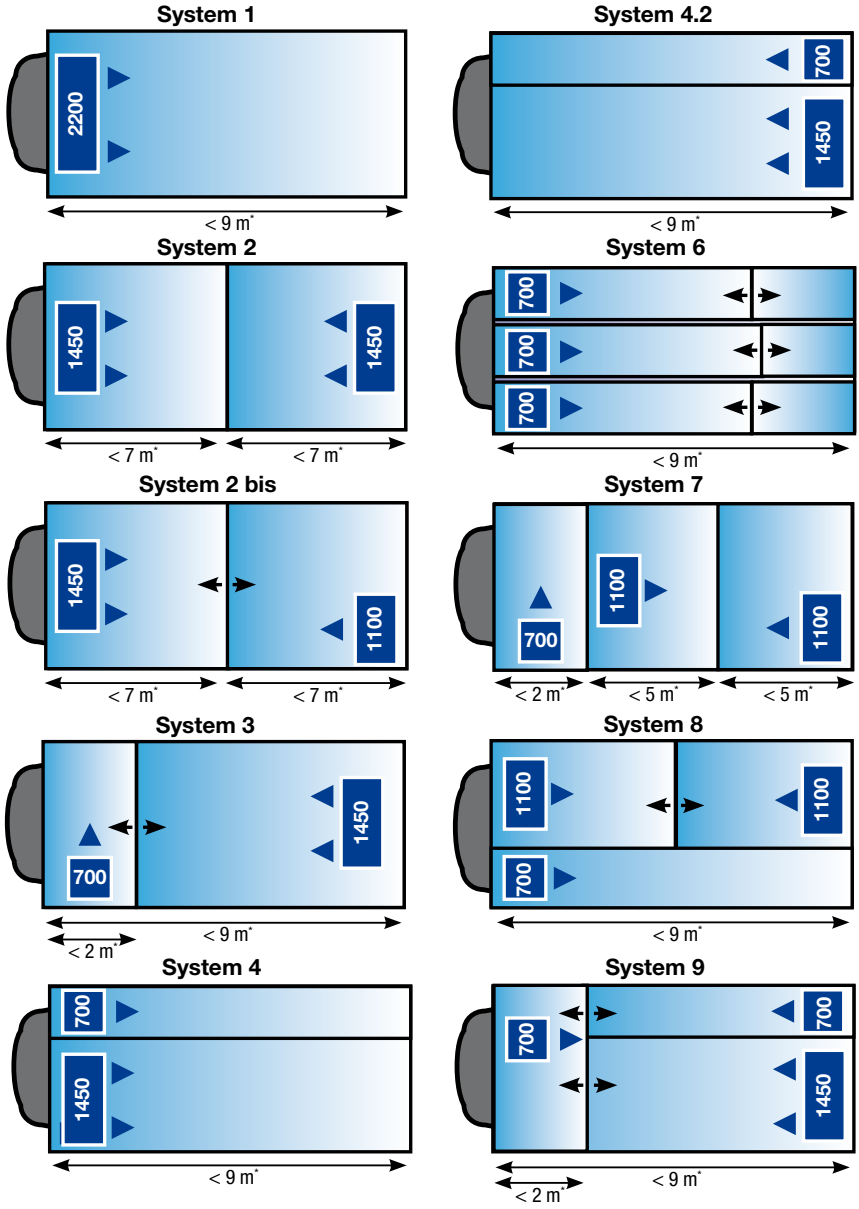
51 kg

MTD 2200

71 kg

SUPRA 1150 MT

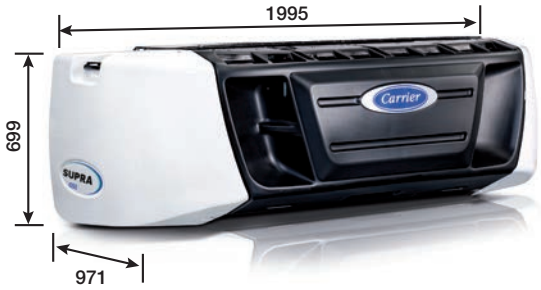
Example of multi-temperature configurations



(*) Compartment lengths are given for 30°C ambient temperature, -20°C compartment temperature.
Other configurations are available upon request.

SUPRA 1150 MT Silent

Total flexibility for multi-product deliveries with ultra-slim evaporators that can be adapted to large configuration requirement

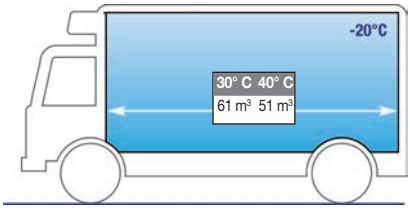


Body opening : L 100 x H 100 mm

Benefits

Exceptional performance characteristics
High reliability
Improved service accessibility
Large choice of evaporators

Model	Condenser weight	Sound power Lwa
X (Silent)	580 kg	96 db



SUPRA 1150 MT Silent

ATP - Certificate n°		M 818 Corr1					
Nominal capacity at -20°C / 30°C		6170 W					
Evaporator		**MTS 700**	**MTS 1100**	**MTS 1450**	**MTS 2200**	**MTD 1450**	**MTD 2200**
Diesel High Speed capacity							
0°C / 30 ° C	W	5600	7510	8770	9010	9150	8950
-20°C / 30 ° C	W	3400	4550	5120	5130	4820	5410
Standby capacity							
0°C / 30 ° C	W	5450	7200	8100	7950	8150	7900
-20°C / 30 ° C	W	3250	4250	4500	4610	4290	4650
Airflow (constant in low / high speed)							
(AMCA 21085)	m^3/h	1100	2100	2400	3500	2350	3600
Heating Capacity							
Diesel High speed 18°C/-18°C	W	4680	4710	4890	5200	4890	5200
Standby 18°C/-18°C	W	4270	4320	4530	4770	4530	4770

Compressor		
Model		O5K4
Nb of Cylinders		4
Displacement	cm^3	400
Diesel engine		
Model		CT3-69TV
Nb of Cylinders		3
Displacement	cm^3	1123
Oil change interval	hrs	1000
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz
Power (50 Hz)	kW	9

Refrigerant		
Type		R404A
Charge	Depending on configuration	
Sound pressure high speed		
Silent	dBA	66,4
Sound pressure low speed		
Silent	dBA	62,5
Sound pressure standby		
Silent	dBA	59,1

Standard equipment

(X model)

- By-pass oil filter
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart
- Silent kit

(Low Emission)

Silent kit + R452A refrigerant + Tier 4 engine

Accessories or options

- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Water drain for evaporator

SUPRA 1150 MT Silent

MTS 700

23 kg

MTS 1100

34 kg

MTS 1450

42 kg

MTS 2200

60 kg

MTD 1450

51 kg

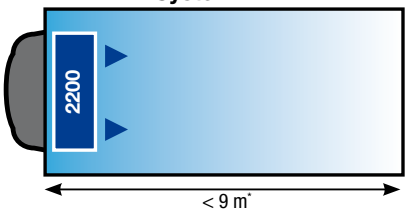
MTD 2200

71 kg

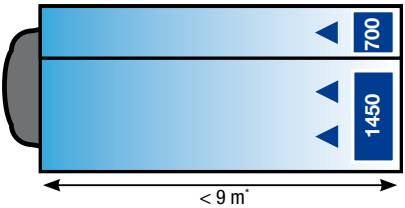
SUPRA 1150 MT Silent

Example of multi-temperature configurations

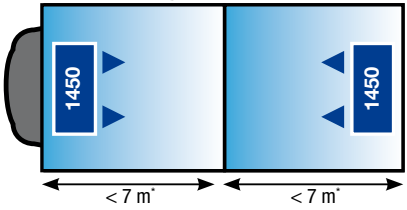
System 1



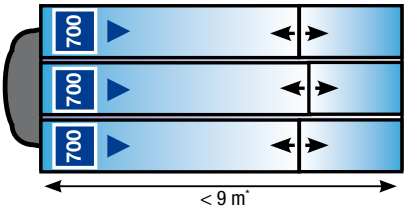
System 4.2



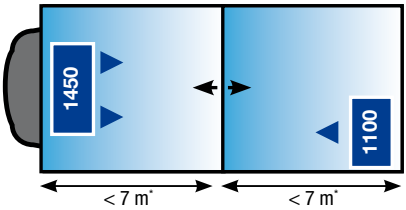
System 2



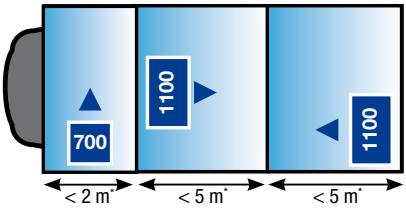
System 6



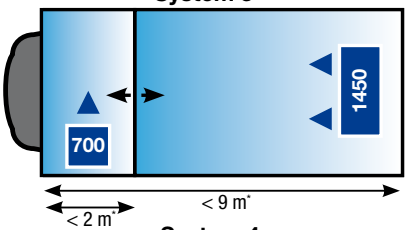
System 2 bis



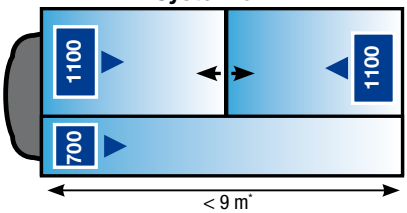
System 7



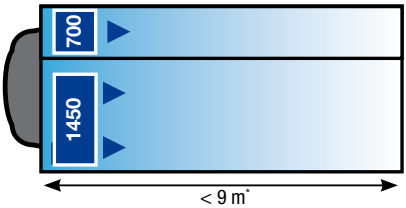
System 3



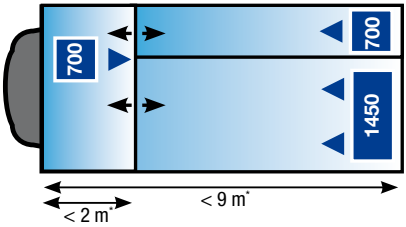
System 8



System 4



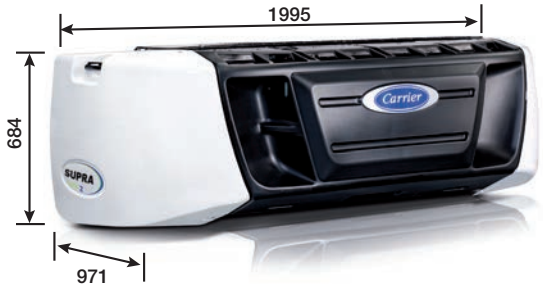
System 9



(*) Compartment lengths are given for 30°C ambient temperature, -20°C compartment temperature.
Other configurations are available upon request.

SUPRA 1250 MT

Total flexibility for multi-product deliveries with ultra-slim evaporators that can be adapted to large configuration requirement

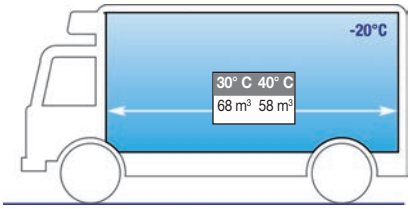


Body opening : L 100 x H 100 mm

Benefits

Exceptional performance characteristics
High reliability
Improved service accessibility
Large choice of evaporators

Model	Condenser weight	Sound power Lwa
S (Road & Standby)	586 kg	99 db



SUPRA 1250 MT

ATP - Certificate n°		M 835					
Nominal capacity at -20°C / 30		**7200 W**					
Evaporator		**MTS 700**	**MTS 1100**	**MTS 1450**	**MTS 2200**	**MTD 1450**	**MTD 2200**
Diesel High Speed capacity							
0°C / 30 ° C	W	6100	8550	9500	10500	9910	11400
-20°C / 30 ° C	W	3400	5000	5700	5850	5630	6300
Standby capacity							
0°C / 30 ° C	W	5900	8100	8900	9600	9170	10000
-20°C / 30 ° C	W	3200	4800	5350	5450	5130	5950
Airflow (constant in low / high speed)							
(AMCA 21085)	m^3/h	1100	2100	2400	3500	2350	3600
Heating Capacity							
Diesel High speed 18°C/-18°C	W	4680	4710	4890	5200	4890	5200
Standby 18°C/-18°C	W	4270	4320	4530	4770	4530	4770

Compressor		
Model		O5G
Nb of Cylinders		6
Displacement	cm^3	600
Diesel engine		
Model		CT3-69TV
Nb of Cylinders		3
Displacement	cm^3	1123
Oil change interval	hrs	1000
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz
Power (50 Hz)	kW	9

Refrigerant		
Type		R404A
Charge	Depending on configuration	
Sound pressure high speed		
Standard	dBA	69,2
Sound pressure low speed		
Standard	dBA	65,7
Sound pressure standby		
Standard	dBA	62,2

Standard equipment

(S model)

- By-pass oil filter
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart

Accessories or options

- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Water drain for evaporator

SUPRA 1250 MT

MTS 700

23 kg

MTS 1100

34 kg

MTS 1450

42 kg

MTS 2200

60 kg

MTD 1450

51 kg

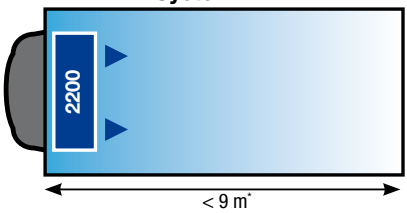
MTD 2200

71 kg

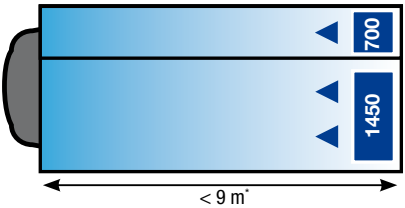
SUPRA 1250 MT

Example of multi-temperature configurations

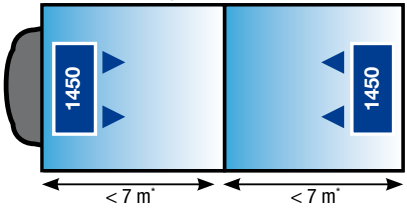
System 1



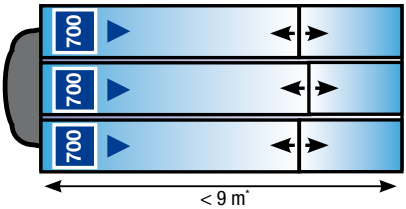
System 4.2



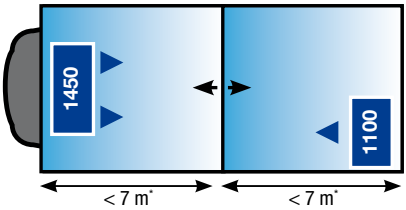
System 2



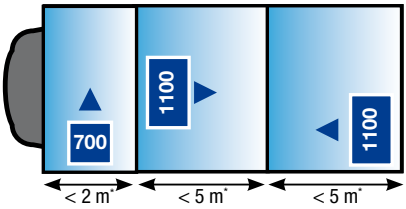
System 6



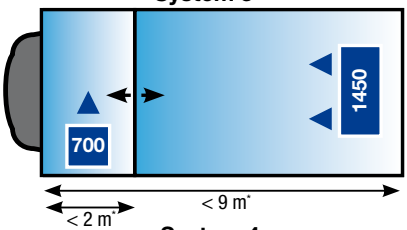
System 2 bis



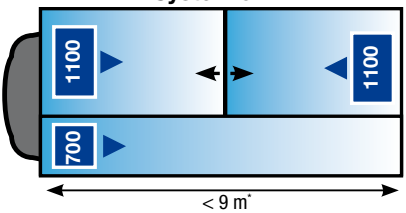
System 7



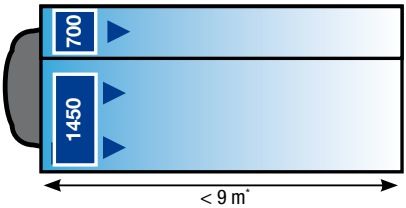
System 3



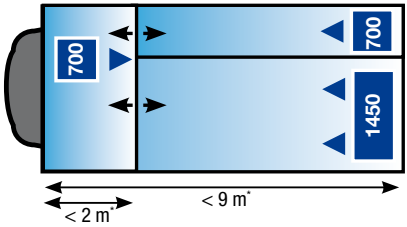
System 8



System 4



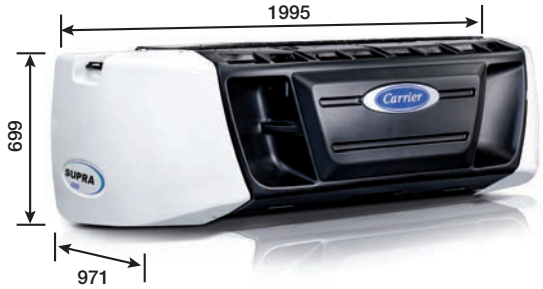
System 9



(*) Compartment lengths are given for 30°C ambient temperature, -20°C compartment temperature.
Other configurations are available upon request.

SUPRA 1250 MT Silent

Total flexibility for multi-product deliveries with ultra-slim evaporators that can be adapted to large configuration requirement

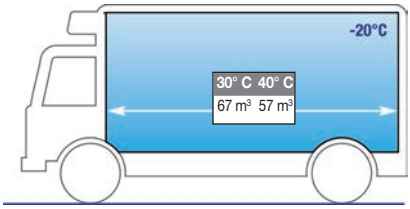


Body opening : L 100 x H 100 mm

Benefits

Exceptional performance characteristics
High reliability
Improved service accessibility
Large choice of evaporators

Model	Condenser weight	Sound power Lwa
X (Silent)	590 kg	96 db



SUPRA 1250 MT Silent

ATP - Certificate n°		M 815 Corr1					
Nominal capacity at -20°C / 30°C		6670 W					
Evaporator		**MTS 700**	**MTS 1100**	**MTS 1450**	**MTS 2200**	**MTD 1450**	**MTD 2200**
Diesel High Speed capacity							
0°C / 30 ° C	W	5800	8200	9000	9550	8990	10100
-20°C / 30 ° C	W	3290	4950	5300	5600	5400	5850
Standby capacity							
0°C / 30 ° C	W	5750	7800	8450	8800	8300	8800
-20°C / 30 ° C	W	3100	4750	4950	5350	5100	5400
Airflow (constant in low / high speed)							
(AMCA 21085)	m^3/h	1100	2100	2400	3500	2350	3600
Heating Capacity							
Diesel High speed 18°C/-18°C	W	4680	4710	4890	5200	4890	5200
Standby 18°C/-18°C	W	4270	4320	4530	4770	4530	4770

Compressor		
Model		O5G
Nb of Cylinders		6
Displacement	cm^3	600
Diesel engine		
Model		CT3-69TV
Nb of Cylinders		3
Displacement	cm^3	1123
Oil change interval	hrs	1000
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz
Power (50 Hz)	kW	9

Refrigerant		
Type		R404A
Charge	Depending on configuration	
Sound pressure high speed		
Silent	dBA	66,4
Sound pressure low speed		
Silent	dBA	62,5
Sound pressure standby		
Silent	dBA	59,1

Standard equipment

(X model)

- By-pass oil filter
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart
- Silent kit

(Low Emission)

Silent kit + R452A refrigerant + Tier 4 engine

Accessories or options

- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Water drain for evaporator

SUPRA 1250 MT Silent

MTS 700

23 kg

MTS 1100

34 kg

MTS 1450

42 kg

MTS 2200

60 kg

MTD 1450

51 kg

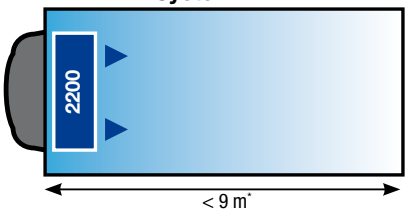
MTD 2200

71 kg

SUPRA 1250 MT Silent

Example of multi-temperature configurations

System 1



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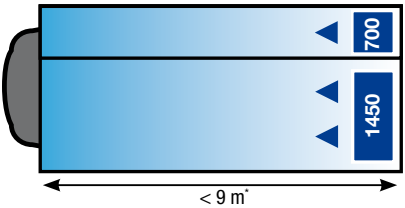

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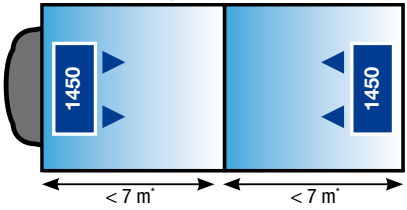

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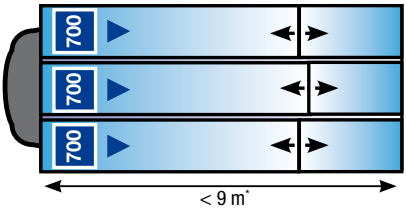
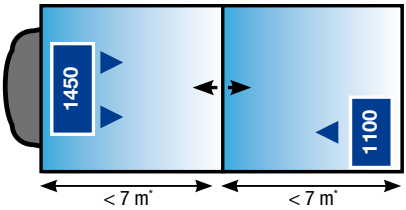


System 2 bis



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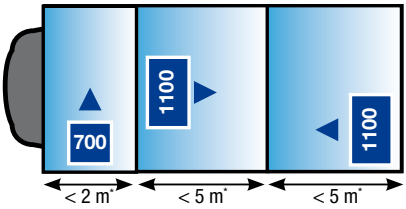

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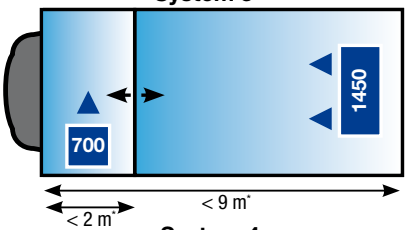

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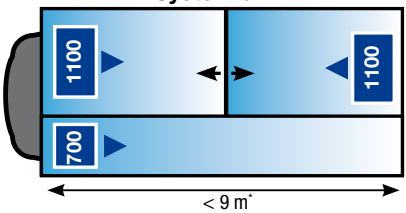

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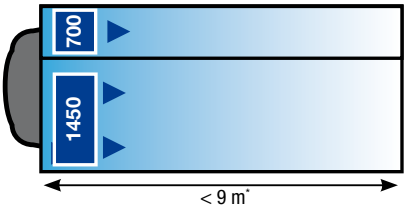

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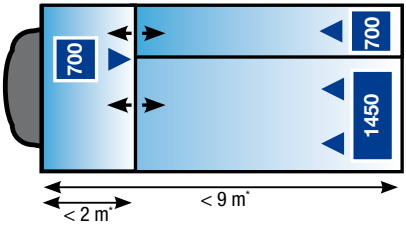
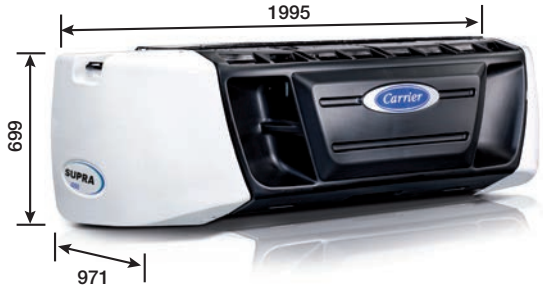


(*) Compartment lengths are given for 30°C ambient temperature, -20°C compartment temperature.
Other configurations are available upon request.

SUPRA 1250 MT City

Total flexibility for multi-product deliveries with ultra-slim evaporators that can be adapted to large configuration requirement

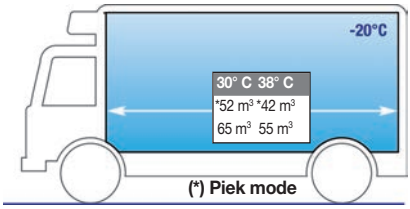


Body opening : L 100 x H 100 mm

Benefits

Exceptional performance characteristics
High reliability
Improved service accessibility
Large choice of evaporators

Model	Condenser weight	Sound power Lwa
City	593 kg	92 db



SUPRA 1250 MT City

ATP - Certificate n°		M 806-add1					
Nominal capacity at -20°C / 30°		6450 W					
Evaporator		**MTS 700**	**MTS 1100**	**MTS 1450**	**MTS 2200**	**MTD 1450**	**MTD 2200**
Diesel High Speed capacity							
0°C / 30 ° C	W	5750	7750	8350	9300	8850	9550
-20°C / 30 ° C	W	3550	4650	5150	5150	5100	5300
Diesel Piek Mode							
0°C / 30 ° C	W	5450	6800	6980	7480	7340	7650
-20°C / 30 ° C	W	3290	4180	4570	4490	4400	4290
Standby capacity							
0°C / 30 ° C	W	5700	7700	8300	9150	8700	9400
-20°C / 30 ° C	W	3500	4600	5200	5200	5120	5400
Airflow (constant in low / high speed)							
(AMCA 21085)	m^3/h	1100	2100	2365	3500	2350	3600
Heating Capacity							
Diesel High speed 18°C/-18°C	W	4680	4710	4890	5200	4890	5200
Standby 18°C/-18°C	W	4270	4320	4530	4770	4530	4770

Compressor		
Model		O5G
Nb of Cylinders		6
Displacement	cm^3	600
Diesel engine		
Model		CT3-69TV
Nb of Cylinders		3
Displacement	cm^3	1123
Oil change interval	hrs	1000
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz
Power (50 Hz)	kW	9

Refrigerant		
Type		R404A
Charge	Depending on configuration	
Sound pressure high speed		
City	dBA	63,8
Sound pressure low speed		
City	dBA	58,4
Sound pressure standby		
City	dBA	58,6

Standard equipment

(City model)

- By-pass oil filter
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart
- City kit

(Low Emission)

City kit + R452A refrigerant + Tier 4 engine

Accessories or options

- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch
- Water drain for evaporator

INDEX

SUPRA 1250 MT City

MTS 700

23 kg

MTS 1100

34 kg

MTS 1450

42 kg

MTS 2200

60 kg

MTD 1450

51 kg

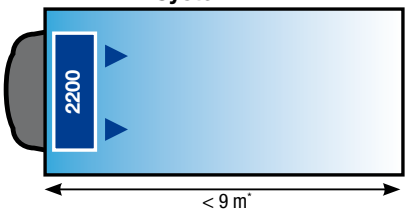
MTD 2200

71 kg

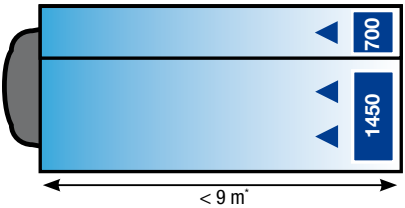
SUPRA 1250 MT City

Example of multi-temperature configurations

System 1



System 4.2



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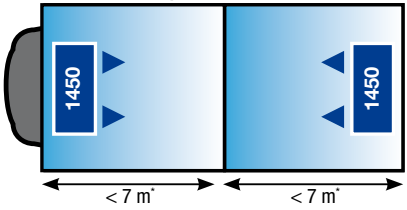

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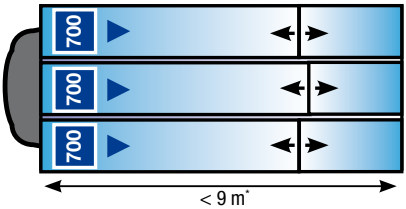
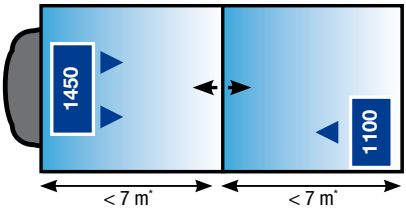
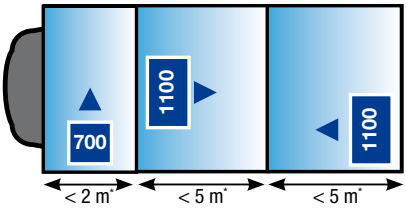


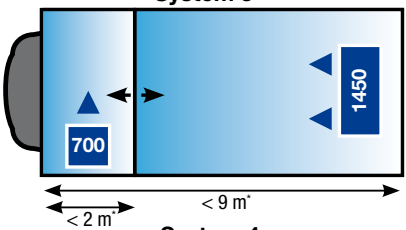
System 2 bis



System 7



System 3



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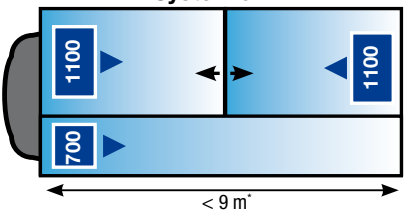

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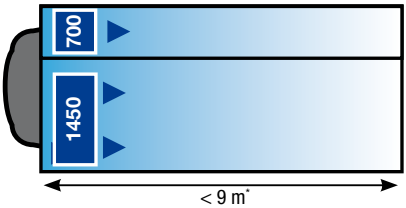

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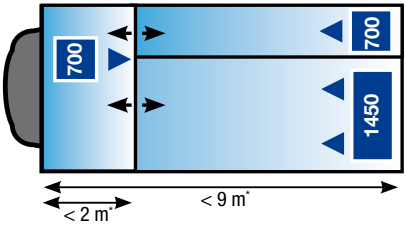


(*) Compartment lengths are given for 30°C ambient temperature, -20°C compartment temperature.
Other configurations are available upon request.

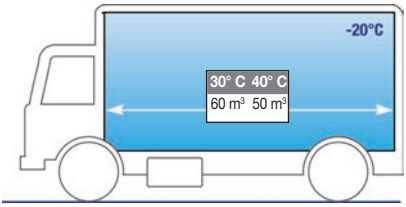
SUPRA 1150 U MT

Extremely powerful undermount diesel truck unit combining high flexibility for multi-product deliveries with robust reliability

Benefits

Total flexibility for multi-product deliveries
Exceptional performance characteristics
Proven reliability
Easy installation and access
User-friendly

Model	Condenser weight	Sound power Lwa
Low noise	566 kg	101 db



SUPRA 1150 U MT

ATP - Certificate n°		M 828 corr1			
Nominal capacity at -20°C / 30					
Evaporator		**MTS 700**	**MTS 1100**	**MTS 1450**	**MTS 2200**
Diesel High Speed capacity					
0°C / 30 ° C	W	5770	7950	8850	9730
-20°C / 30 ° C	W	3340	4570	4950	5230
Standby capacity					
0°C / 30 ° C	W	5770	7900	8530	9330
-20°C / 30 ° C	W	3520	4550	4810	5170
Airflow (constant in low / high speed)					
(AMCA 21085)	m^3/h	1200	2280	2770	3770
Heating Capacity					
Diesel High speed 18°C/-18°C	W	4680	4710	4890	5200
Standby 18°C/-18°C	W	4270	4320	4530	4770

Compressor		
Model		O5G
Nb of Cylinders		6
Displacement	cm^3	600
Diesel engine		
Model		CT3-69TV
Nb of Cylinders		3
Displacement	cm^3	1123
Oil change interval	hrs	1000
Standby motor		
Standby voltage	V/Ph/Fr	• 400/3/50 Hz
Power (50 Hz)	kW	9

Refrigerant		
Type		R404A
Charge	Depending on configuration	
Sound pressure high speed		
Low noise	dBA	76,8
Sound pressure low speed		
Low noise	dBA	73,7
Sound pressure standby		
Low noise	dBA	66,1

Standard equipment

Low noise

- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart
- Low noise kit

(Low Emission)

Low noise kit + R452A refrigerant + Tier 4 engine

Accessories or options

- Battery
- Battery box
- Fuel tank
- Automatic AC phase reverser
- DataCOLD range
- Remote panel & remote panel extension
- Door switch
- Water drain for evaporator

SUPRA 1150 U MT

MTS 700

23 kg

MTS 1450

42 kg

MTS 1100

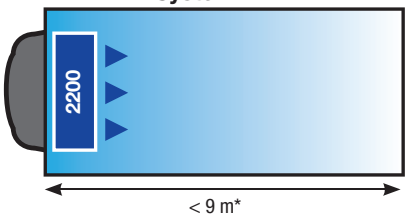
34 kg

MTS 2200

60 kg

SUPRA 1150 U MT

System 1



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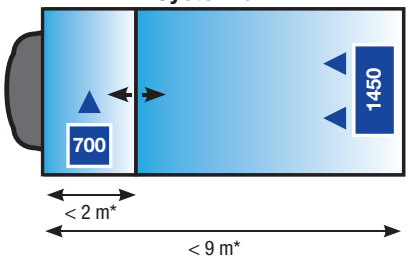

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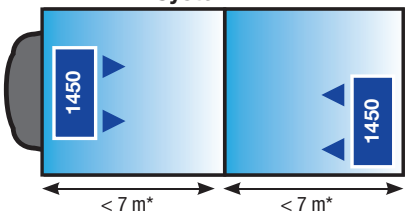

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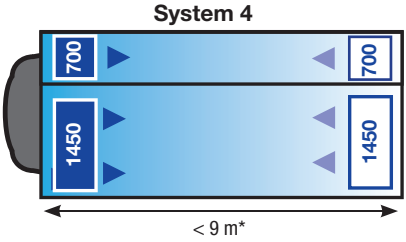


Extension kit

(*) Compartment lengths are given for 30°C ambient temperature, -20°C compartment temperature.
Other configurations are available upon request.

SUPRA 1000 CITY Z MT

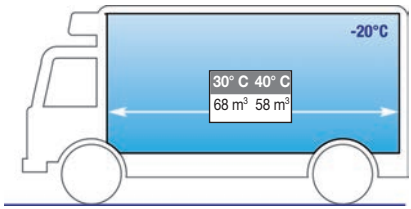
Zero-engine refrigeration unit for urban distribution by truck, combining high flexibility for multi-product deliveries with reduced emissions and low noise

Body opening : L 100 x H 100 mm

Benefits

SUPRA range benefits
Low emissions and noise
Constant cooling capacity
Zero engine emission
Large choice of configuration

Model	Condenser weight	Sound power Lwa
S (Road & Standby)	481 kg	88 db



SUPRA 1000 CITY Z MT

ATP - Certificate n°		M 810 add1					
Nominal capacity at -20°C / 30°		**6850 W**					
Evaporator		**MTS 700**	**MTS 1100**	**MTS 1450**	**MTS 2200**	**MTD 1450**	**MTD 2200**
Road capacity							
0°C / 30 ° C	W	6030	8480	9480	10000	9620	10460
-20°C / 30 ° C	W	3260	4770	5410	5600	5240	6290
Standby capacity							
0°C / 30 ° C	W	5910	8080	8770	9070	8850	9280
-20°C / 30 ° C	W	3030	4430	5060	5320	5110	5740
Airflow (constant in low / high speed)							
(AMCA 21085)	m^3/h	1100	2100	2400	3500	2350	3600
Heating Capacity							
Diesel High speed 18°C/-18°C	W	4680	4710	4890	5200	4890	5200
Standby 18°C/-18°C	W	4270	4320	4530	4770	4530	4770

Compressor		
Model		O5G
Nb of Cylinders		6
Displacement	cm^3	600
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz
Power (50 Hz)	kW	9

Refrigerant		
Type		R404A
Charge	Depending on configuration	
Sound pressure high speed		
Standard	dBA	63

Standard equipment

- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Road hourmeter
- Low noise kit
- Hydraulic pump and connection
- Battery bracket (no need of battery box)

Accessories or options

- Battery
- Automatic AC phase reverser
- DataCOLD range
- Remote panel & remote panel extension
- Door switch
- Supply air control sensor

SUPRA 1000 CITY Z MT

MTS 700

23 kg

MTS 1100

34 kg

MTS 1450

42 kg

MTS 2200

60 kg

MTD 1450

51 kg

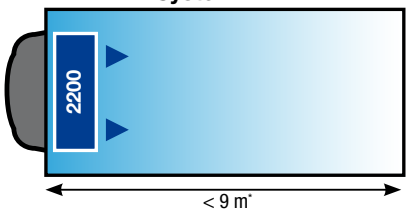
MTD 2200

71 kg

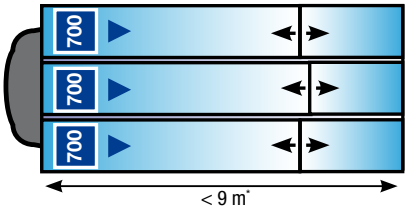
SUPRA 1000 CITY Z MT

Example of multi-temperature configurations

System 1



System 6



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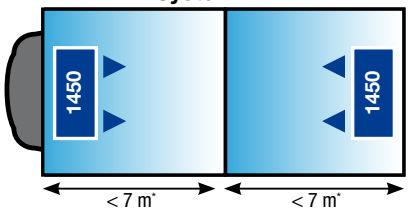
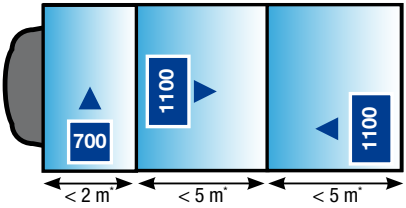
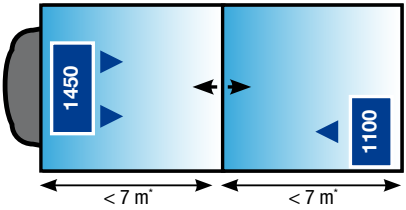


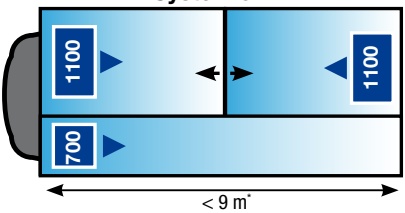
System 7



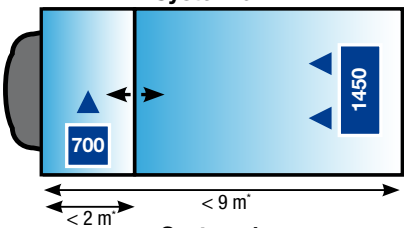
System 2 bis



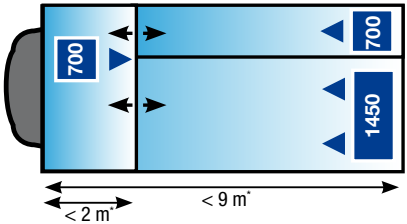
System 8



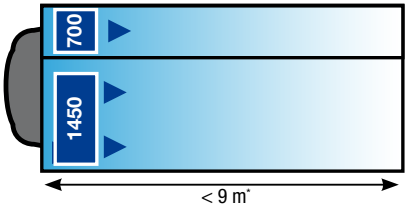
System 3



System 9



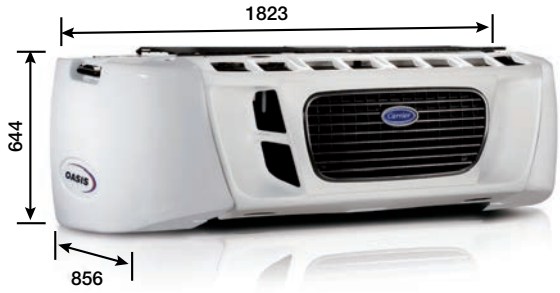
System 4



(*) Compartment lengths are given for 30°C ambient temperature, -20°C compartment temperature.
Other configurations are available upon request.

OASIS 250 MT

Tough outside, cool inside
Specially designed to meet the challenges raised by high ambient temperatures

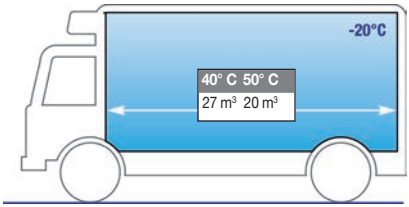


Body opening : L 90 x H 90 mm

Benefits

High ambient designed
Maintenance friendly operation
Flexible configuration possible

Model	Condenser weight	Sound power Lwa
S (Road & Standby)	411 kg	101 db



OASIS 250 MT

Nominal capacity at -20°C / 30°C		3380 W	
Evaporator		**MTS 1100**	**MTS 1100**
Diesel High Speed capacity			
0°C / 30 ° C	W	4750	4750
-20°C / 30 ° C	W	2730	2730
Standby capacity			
0°C / 30 ° C	W	4331	4331
-20°C / 30 ° C	W	2588	2588
Airflow (constant in low / high speed)			
(AMCA 21085)	m^3/h	2100	2100
Heating Capacity			
Diesel High speed 18°C/-18°C	W	2840	2840
Standby 18°C/-18°C	W	2750	2750

Compressor		
Model		O5K2
Nb of Cylinders		2
Displacement	cm^3	200
Diesel engine		
Model		CT3-44TV
Nb of Cylinders		3
Displacement	cm^3	719
Oil change interval	hrs	750 / 1000
(depends on oil, with or without bypass)		
Standby motor		
Standby voltage	V/Ph/Fr	• 230/400/3/50 Hz
Power (50 Hz)	kW	4,8

Refrigerant		
Type		R404A
Charge	Depending on configuration	
Sound pressure high speed		
Standard	dBA	72

Standard equipment

- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart

Accessories or options

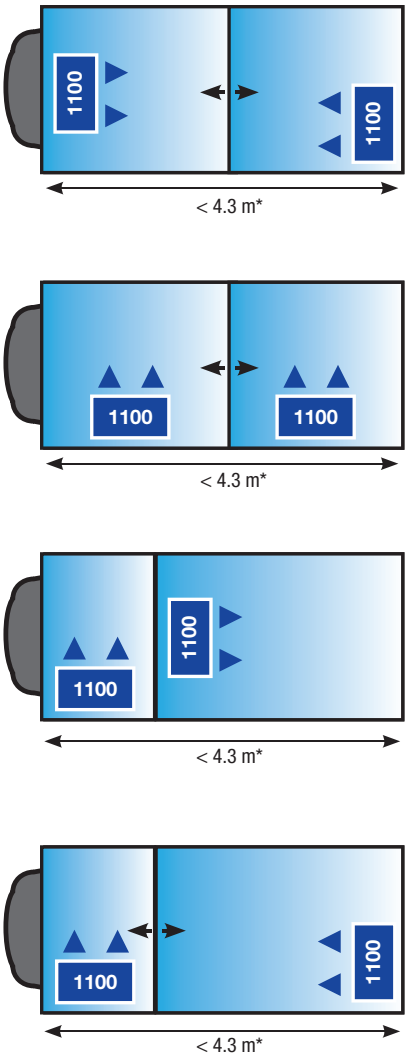
- By-pass oil filter
- Battery
- Battery box
- Fuel tank
- Plunger tube for vehicle fuel tank
- Automatic AC phase reverser
- DataCOLD 300 or 500 or 600
- Remote oil drain
- Remote panel & remote panel extension
- Door switch

OASIS 250 MT

MTS 1100

34 kg

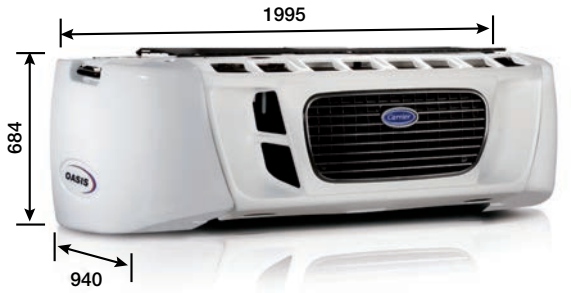
OASIS 250 MT



(*) Compartment lengths are given for 50°C ambient temperature, -20°C compartment temperature.

OASIS 350 MT

Tough outside, cool inside
Specially designed to meet the challenges raised by high ambient temperatures

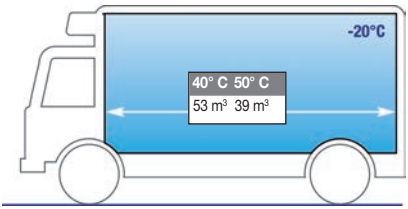


Body opening : L 90 x H 90 mm

Benefits

High ambient designed
High refrigeration capacity
Maintenance friendly operation
Large choice of evaporator

Model	Condenser weight	Sound power Lwa
S (Road & Standby)	566 kg	99 db



OASIS 350 MT

Nominal capacity at -20°C / 30°		5690 W					
Evaporator		**MTS 700**	**MTS 1100**	**MTS 1450**	**MTS 2200**	**MTD 1450**	**MTD 2200**
Diesel High Speed capacity							
0°C / 30 ° C	W	5630	7242	8313	8331	8784	8873
-20°C / 30 ° C	W	3106	3874	4736	4559	4790	5043
Standby capacity							
0°C / 30 ° C	W	5265	7198	8189	8175	8478	8602
-20°C / 30 ° C	W	3132	3928	4710	4661	4772	5110
Airflow (constant in low / high speed)							
(AMCA 21085)	m^3/h	1100	2100	2365	3500	2350	3600
Heating Capacity							
Diesel High speed 18°C/-18°C	W	4680	4710	4870	5200	4890	5200
Standby 18°C/-18°C	W	4170	4520	4530	4710	4530	4770

Compressor		
Model		O5G
Nb of Cylinders		6
Displacement	cm^3	600
Diesel engine		
Model		CT3-69TV
Nb of Cylinders		3
Displacement	cm^3	1123
Oil change interval	hrs	1000
Standby motor		
Standby voltage	V/Ph/Fr •	230/400/3/50 Hz
Power (50 Hz)	kW	9

Refrigerant		
Type		R404A
Charge	Depending on configuration	
Sound pressure high speed		
Standard	dBA	70

Standard equipment

- By-pass oil filter
- Cab command
- EasyCOLD microprocessor
- Start/Stop
- Standby/Diesel hourmeter
- Automatic diesel restart

Accessories or options

- Battery
- Battery box
- Fuel tank
- Plunger tube for vehicle fuel tank
- Automatic AC phase reverser
- DataCOLD Range
- Remote oil drain
- Remote panel & remote panel extension
- Door switch

OASIS 350 MT

MTS 700

23 kg

MTD 1450

51 kg

MTS 1100

34 kg

MTD 2200

71 kg

MTS 1450

42 kg

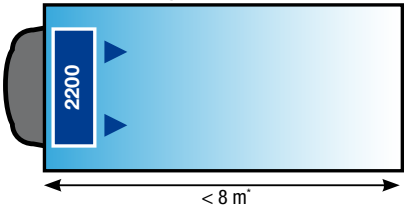
MTS 2200

60 kg

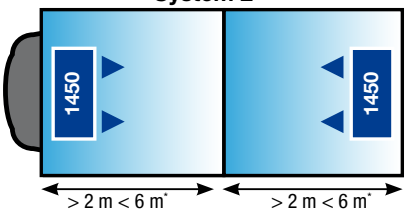
OASIS 350 MT

Example of multi-temperature configurations

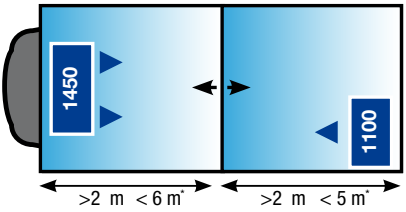
System 1



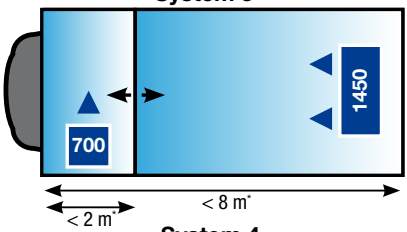
System 2



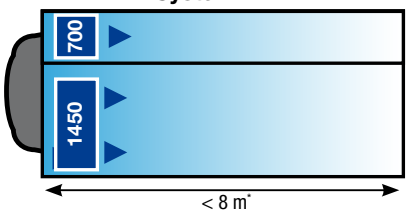
System 2 bis



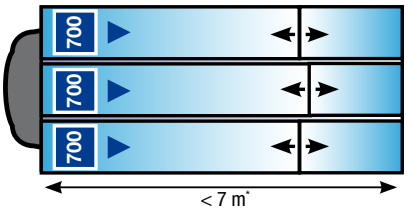
System 3



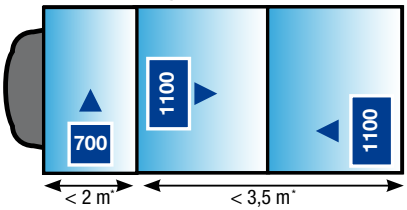
System 4



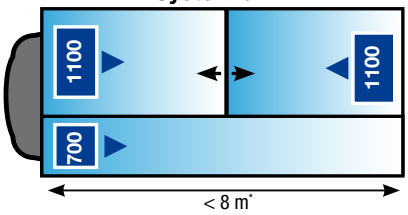
System 6



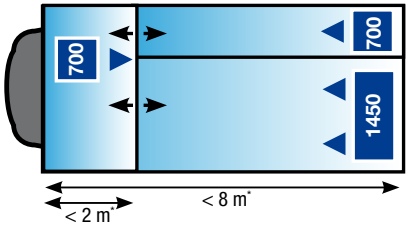
System 7



System 8



System 9



(*) Compartment lengths are given for 50°C ambient temperature, -20°C compartment temperature.
Other configurations are available upon request.

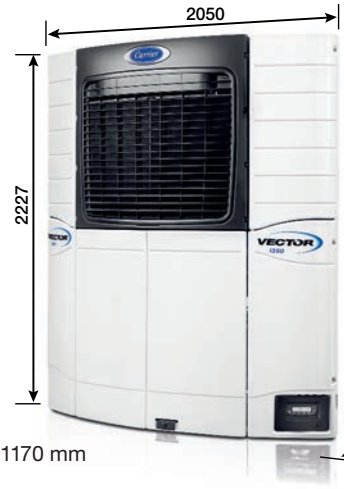
NOTES

INDEX

Trailers

VECTOR 1350

Combines the simplicity of belt technology with the efficiency of the e-drive

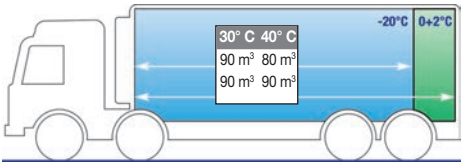


Body opening : L 1700 x H1170 mm

Benefits

Simple to use
Easy to maintain
Ultra light

Model	Total weight	Sound power Lwa
R	645 kg	99 db
S	690 kg	99 db
T	698 kg	99 db



VECTOR 1350

ATP - Certificate n°		M 851
Diesel High Speed capacity		
0°C/30°C	W	13110
-20°C/30°C	W	8305
Standby capacity		
0°C/30°C	W	8000
-20°C/30°C	W	6915
Airflow		
(AMCA 21085)	m^3/h	5435
Heating Capacity		
Diesel High speed 18°C/-18°C	W	9300
Standby 18°C/-18°C	W	5100

Compressor		
Model		05 K4
Nb of Cylinders		4
Displacement	cm^3	400
Engine		
Model		CT 3-69TV
Nb of Cylinders		3
Displacement	cm^3	1123
Oil change interval	hrs	1500
Standby motor		
Voltage	V/Ph/Fr	• 400/3/50 Hz
Power (50 Hz)	kW	5,5

Refrigerant		
Type		R404A
Charge	kg	5,1
Sound pressure high speed		
Standard	dBA	69
Low noise	dBA	67

Standard equipment

(R model)
- Road only unit
- Fresh Protect
- Automatic Start/Stop
- Supply Air Sensor (SAS)
- Battery

(S model)
- Standby operation
- Phase detector

(T model)
- Automatic phase reverser

- Available in R452A

Accessories or options

- Light bar
- Dual-view temperature display (partialy compatible)
- Fuel tank 200 L
- Fuel warmer
- Remote panel & remote panel extension
- DataCOLD range
- Unit sound reduction : insulation
- Door switch
- Electronic fuel sensor
- Unit sound reduction : bottom panel
- Supply evaporator air duct

VECTOR 1550

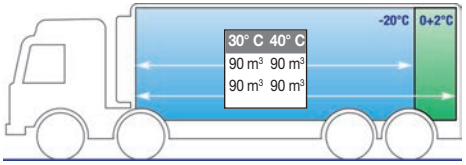
The best choice for fuel efficiency, combining the reliability of all-electric technology with a low-consumption engine

Body opening : L 1700 x H1170 mm

Benefits

Maximising uptime
Ensuring sustainability
Versatility

Model	Total weight	Sound power Lwa
S	704 kg	98 db
T	712 kg	96 db



VECTOR 1550

ATP - Certificate n°		M 850 add 1
Diesel High Speed capacity		
0°C/30°C	W	14995
-20°C/30°C	W	8285
Diesel Low Speed capacity		
0°C/30°C	W	11830
-20°C/30°C	W	6850
Standby capacity		
0°C/30°C	W	13200
-20°C/30°C	W	7360
Airflow		
(AMCA 21085)	m^3/h	5700
Heating Capacity		
Diesel High speed 18°C/-18°C	W	8800
Diesel Low speed 18°C/-18°C	W	5000
Standby 18°C/-18°C	W	5000

Compressor		
Model		ZF19VE-164
Nb of Cylinders		scroll
Displacement	cm^3	123
Engine		
Model		CT 4.91TV
Nb of Cylinders		4
Displacement	cm^3	1498
Oil change interval	hrs	1500
Generator		
Voltage	V/Ph/Fr	• 400/3/50 Hz
Power (50 Hz)	kW	16

Refrigerant		
Type		R404A
Charge	kg	5
Sound pressure high speed		
Standard	dBA	71,5
Low noise	dBA	70,5
Sound pressure low speed		
Standard	dBA	67,4
Low noise	dBA	66
Sound pressure standby		
Standard	dBA	62,6
Low noise	dBA	60,7

Standard equipment

(S model)
- Fresh Protect
- LogiCOLD Microprocessor
- Automatic phase reverser
- Automatic diesel restart
- Supply air sensor

(T model)
- Low noise kit

- Available in R452A

Accessories or options

- Fuel tank 200 L
- Download card
- COLDTouch
- Configuration card
- Light bar
- Dual-view temperature display
- Lift gate power supply
- Fuel warmer
- Additional sensors
- Door switch
- Remote panel & remote panel extension
- DataCOLD range
- Unit sound reduction : insulation
- Unit sound reduction : bottom panel
- Electronic fuel sensor
- Supply evaporator air duct

VECTOR 1550 CITY

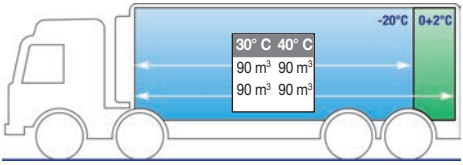
Enables night deliveries, improves driver and citizen comfort, with standard installation

Body opening : L 1700 x H1170 mm

Benefits

Maximising uptime
Ensuring sustainability
Piek certified (60 dB sound pressure at low speed)

Model	Total weight	Sound power Lwa
City	765 kg	95 db



VECTOR 1550 CITY

ATP - Certificate n°		M 787 add3
Diesel High Speed capacity		
0°C/30°C	W	14835
-20°C/30°C	W	8160
Diesel Low Speed capacity		
0°C/30°C	W	12050
-20°C/30°C	W	6700
Standby capacity		
0°C/30°C	W	12600
-20°C/30°C	W	7055
Airflow		
(AMCA 21085)	m^3/h	5700
Heating Capacity		
Diesel High speed 18°C/-18°C	W	8800
Diesel Low speed 18°C/-18°C	W	5000
Standby 18°C/-18°C	W	5000

Compressor		
Model		ZF19VE-164
Nb of Cylinders		scroll
Displacement	cm^3	123
Engine		
Model		CT 4.91TV
Nb of Cylinders		4
Displacement	cm^3	1498
Oil change interval	hrs	1500
Generator		
Voltage	V/Ph/Fr	• 400/3/50 Hz
Power (50 Hz)	kW	16

Refrigerant		
Type		R404A
Charge	kg	5
Sound pressure low speed		
Standard	dBA	60

Standard equipment

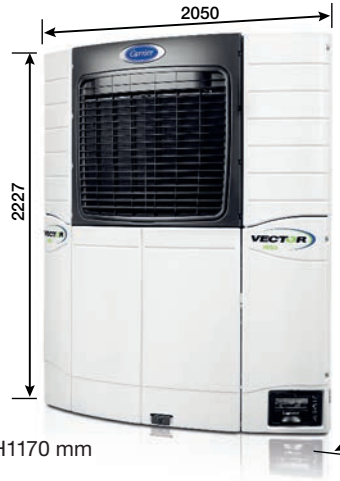
- Fresh Protect
- LogiCOLD Microprocessor
- Automatic phase reverser
- Automatic diesel restart
- Supply air sensor
- Piek compliant noise kit
- Available in R452A

Accessories or options

- Fuel tank 200 L
- Download card
- COLDTouch
- Configuration card
- Light bar
- Dual-view temperature display
- Lift gate power supply
- Fuel warmer
- Additional sensors
- Door switch
- Remote panel & remote panel extension
- DataCOLD range
- Electronic fuel senso
- Supply evaporator air duct

VECTOR 1950

Gives you the muscle you need to master the cold chain

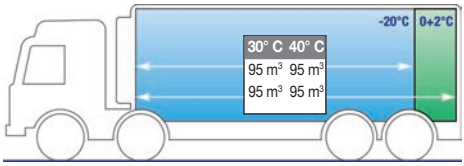


Body opening : L 1700 x H1170 mm

Benefits

Maximising uptime
Ensuring sustainability
Intensive use

Model	Total weight	Sound power Lwa
S	882 kg	103 db
T	890 kg	101 db



VECTOR 1950

ATP - Certificate n°		M752 add 2
Diesel High Speed capacity		
0°C/30°C	W	18875
-20°C/30°C	W	10130
Diesel Low Speed capacity		
0°C/30°C	W	14140
-20°C/30°C	W	8810
Standby capacity		
0°C/30°C	W	15440
-20°C/30°C	W	9200
Airflow		
(AMCA 21085)	m^3/h	5700
Heating Capacity		
Diesel High speed 18°C/-18°C	W	9000
Diesel Low speed 18°C/-18°C	W	5200
Standby 18°C/-18°C	W	5000

Compressor		
Model		06D
Nb of Cylinders		6
Displacement	cm^3	660
Engine		
Model		CT 4.134DI
Nb of Cylinders		4
Displacement	cm^3	2200
Oil change interval	hrs	1500
Generator		
Voltage	V/Ph/Fr	• 400/3/50 Hz
Power (50 Hz)	kW	23

Refrigerant		
Type		R404A
Charge	kg	5
Sound pressure high speed		
Standard	dBA	76
Low noise	dBA	73
Sound pressure low speed		
Standard	dBA	71,6
Low noise	dBA	67,3
Sound pressure standby		
Standard	dBA	67,8

Standard equipment

(S model)
- Fresh Protect
- LogiCOLD Microprocessor
- Automatic phase reverser
- Automatic diesel restart
- Supply air sensor

(T model)
- Low noise kit

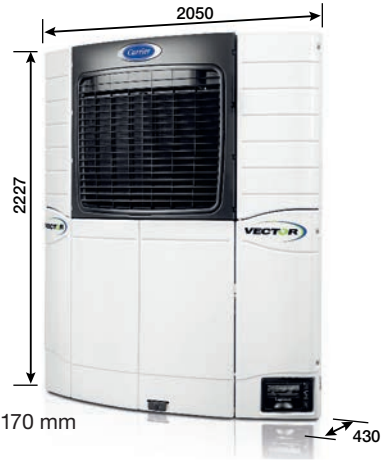
- Available in R452A

Accessories or options

- Fuel tank 200 L
- Download card
- COLDTouch
- Configuration card
- Light bar
- Dual-view temperature display
- Lift gate power supply
- Fuel warmer
- Additional sensors
- Door switch
- Remote panel & remote panel extension
- DataCOLD range
- Unit sound reduction : insulation
- Unit sound reduction : bottom panel
- Engine vent heater
- Electronic fuel sensor
- Supply evaporator air duct

VECTOR E

Electric only unit provides a powerful, low noise solution for cold storage temperature control

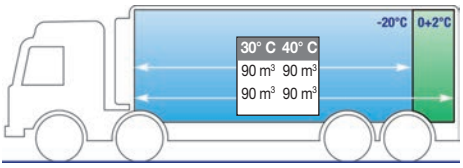


Body opening : L 1700 x H1170 mm

Benefits

Maximising uptime
Ensuring sustainability
Standby use only

Model	Total weight	Sound power Lwa
R	637 kg	94 db



VECTOR E

Standby capacity		
0°C/30°C	W	15400
-20°C/30°C	W	9100
Airflow		
(AMCA 21085)	m^3/h	4800
Heating Capacity		
Standby 18°C/-18°C	W	5800

Compressor		
Model		06D
Nb of Cylinders		6
Displacement	cm^3	660

Refrigerant		
Type		R404A
Charge	kg	5
Sound pressure standby		
Standard	dBA	68

Standard equipment

- Fresh Protect
- LogiCOLD Microprocessor
- Automatic phase reverser
- Supply air sensor

Accessories or options

- Download card
- Configuration card
- Light bar
- Dual-view temperature display
- Additional sensors
- Door switch
- Remote panel & remote panel extension
- DataCOLD range
- Unit sound reduction : insulation
- Unit sound reduction : bottom panel
- Supply evaporator air duct

X4 7300

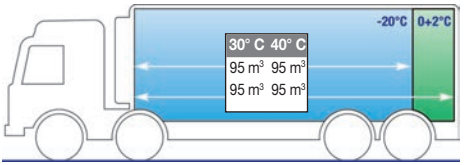
Exceptional temperature control with a new dimension in performance

Body opening : L 1697 x H1168 mm

Benefits

Robust design
Outstanding capacity and airflow
Low life cycle cost
Modern aerodynamic design

Model	Total weight	Sound power Lwa
R	753 kg	102 db



X4 7300

Diesel High Speed capacity		
0°C/30°C	W	20200
-20°C/30°C	W	10600
Airflow		
(AMCA 21085)	m^3/h	5200
Heating Capacity		
Diesel High speed 18°C/-18°C	W	9900

Refrigerant		
Type		R404A
Charge	kg	6,8

Compressor		
Model		O5G
Nb of Cylinders		6
Displacement	cm^3	655
Engine		
Model		CT4-134 TV
Nb of Cylinders		4
Displacement	cm^3	2230
Oil change interval	hrs	3000

Standard equipment

- Road only operation
- APEX Microprocessor
- Automatic Start/Stop

Accessories or options

- Fuel tank 200 L
- Light bar
- Dual-view temperature display
- Door switch
- Remote panel & remote panel extension
- DataCOLD range
- Electronic fuel sensor

SOLARA

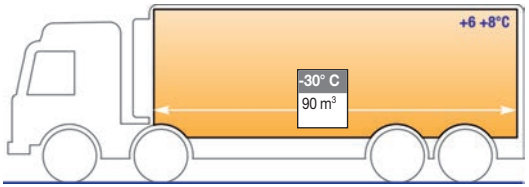
Designed for maximum heating capacity in extremely cold climates

Body opening : L 930 x H 710 mm

Benefits

Low maintenance
Compact design
High heating performance

Model	Total weight	Sound power Lwa
R	200 kg	97 db



SOLARA

Airflow		
(AMCA 21085)	m^3/h	5400
Heating Capacity		
Diesel High speed 18°C/-18°C	W	8790

Engine		
Model		CT 2.29TV
Nb of Cylinders		2
Displacement	cm^3	480
Oil change interval	hrs	750

Standard equipment

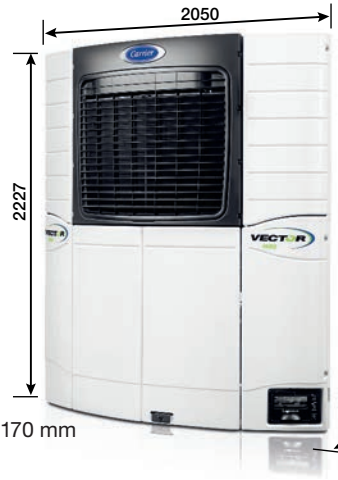
- Road only operation
- Hot water heating system
- Microprocessor control
- Automatic Start/Stop

Accessories or options

- Fuel tank 200 L
- Supplemental heat

VECTOR 1950 MT

The best choice for powerful refrigeration, combining huge capacity with a wide range of evaporators

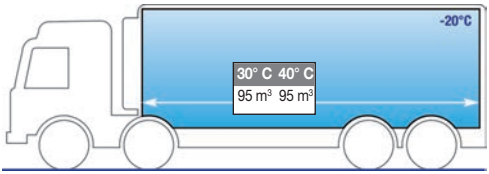


Body opening : L 1700 x H1170 mm

Benefits

Maximising uptime
Ensuring sustainability
Large choice of evaporators

Model	Unit weight	Sound power Lwa
S	911 kg	103 db
T	918 kg	101 db



VECTOR 1950 MT

ATP - Certificate n°		M 753 add 2					
Nominal capacity at -20°C / 30°C		**9800 W**					
Evaporator		**principal**	**MVS700**	**MVS 1100**	**MVS 2200**	**MVD 1100**	**MVD 2200**
Diesel High Speed capacity							
0°C/30°C	W	18200	6980	10210	13940	10150	15740
-20°C/30°C	W	9410	4060	5670	7630	5560	8030
Standby capacity							
0°C/30°C	W	15345	5950	9780	13190	9720	14630
-20°C/30°C	W	9085	4060	5370	6970	5420	7840
Airflow							
(AMCA 21085)	m^3/h	5700	1035	2075	3500	2305	3805
Heating Capacity							
Diesel High speed 18°C/-18°C	W	9500	3000	4500	7500	6000	7500
Standby 18°C/-18°C	W	8840	3000	4500	7500	6000	7500

Compressor		
Model		O6D
Nb of Cylinders		6
Displacement	cm^3	660
Engine		
Model		CT 4.134DI
Nb of Cylinders		4
Displacement	cm^3	2200
Oil change interval	hrs	1500
Generator		
Voltage	V/Ph/Fr	• 400/3/50 Hz
Power (50 Hz)	kW	23

Refrigerant		
Type		R404A
Charge	Depending on configuration	
Sound pressure high speed		
Standard	dBA	76
Low noise	dBA	73
Sound pressure low speed		
Standard	dBA	71,6
Low noise	dBA	67,3
Sound pressure standby		
Standard	dBA	67,8

Standard equipment

(S model)
- Fresh Protect
- LogiCOLD Microprocessor
- Automatic phase reverser
- Automatic diesel restart
- Supply air sensor

(T model)
- Low noise kit

- Available in R452A

Accessories or options

- Fuel tank 200 L
- Download card
- COLDTouch
- Configuration card
- Light bar
- Dual-view temperature display
- Lift gate power supply
- Fuel warmer
- Additional sensors
- Door switch
- Remote panel & remote panel extension
- DataCOLD range
- Unit sound reduction : insulation
- Unit sound reduction : bottom panel
- Engine vent heater
- Electronic fuel sensor
- Supply evaporator air duct

VECTOR 1950 MT

MVS 700

23 kg

MVS 1100

34 kg

MVS 2200

60 kg

MVD 1100

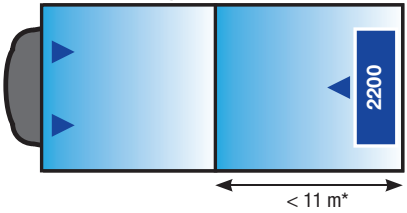
40 kg

MVD 2200

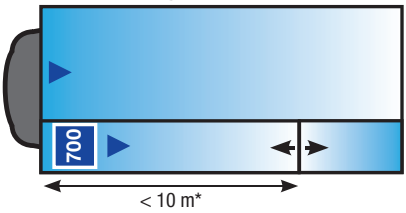
71 kg

VECTOR 1950 MT

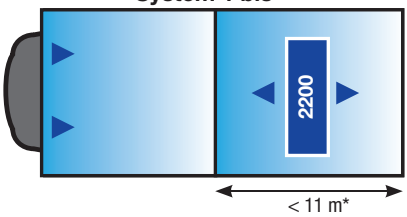
System 1



System 3

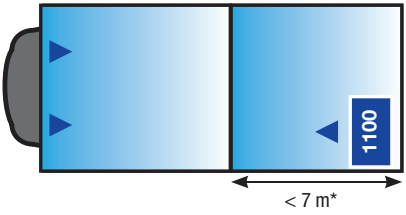


System 1 bis

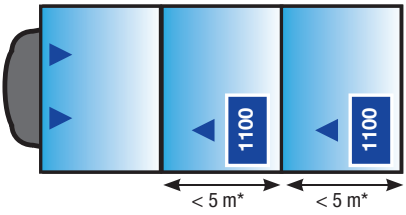


System 3 bis

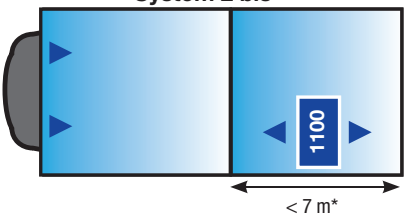
System 2



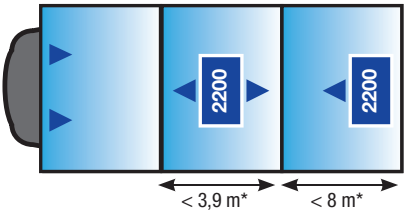
System 4



System 2 bis

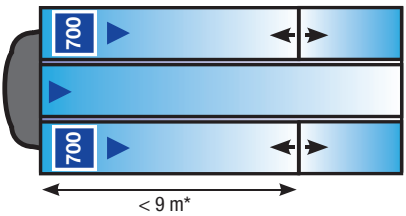


System 5



(*) Compartment lengths are given for 30°C ambient temperature, -20°C compartment temperature.
Other configurations are available upon request.

System 6



VECTOR 1950 CITY MT

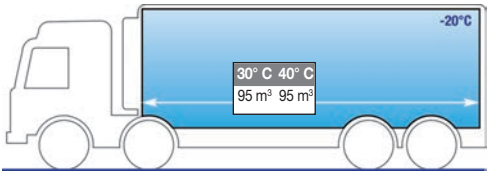
Enables night deliveries, improves driver and citizen comfort, with host unit + an undermount box installation

Body opening : L 1700 x H1170 mm

Benefits

Maximising uptime
Ensuring sustainability
Large choice of evaporators
Piek certified (60dB sound pressure at low speed)

Model	Unit weight	Sound power Lwa
City unit + City undermount box	712 kg + 563 kg	93 db



VECTOR 1950 CITY MT

ATP - Certificate n°		M 800 add 1					
Nominal capacity at -20°C / 30°C		**9800 W**					
Evaporator		**principal**	**MVS700**	**MVS 1100**	**MVS 2200**	**MVD 1100**	**MVD 2200**
Diesel High Speed capacity							
0°C/30°C	W	18005	6840	10075	13900	10865	14925
-20°C/30°C	W	9900	4370	5745	7470	6215	8130
Standby capacity							
0°C/30°C	W	1500	5555	9440	13350	10160	13655
-20°C/30°C	W	9125	3990	5470	7265	5880	7585
Airflow							
(AMCA 21085)	m^3/h	6160	1120	2115	3625	2365	3930
Heating Capacity							
Diesel High speed 18°C/-18°C	W	9500	3000	4500	7500	6000	7500
Standby 18°C/-18°C	W	8840	3000	4500	7500	6000	7500

Compressor		
Model		O6D
Nb of Cylinders		6
Displacement	cm^3	660
Engine		
Model		CT 4.134DI
Nb of Cylinders		4
Displacement	cm^3	2200
Oil change interval	hrs	1500
Generator		
Voltage	V/Ph/Fr	• 400/3/50 Hz
Power (50 Hz)	kW	23

Refrigerant		
Type		R404A
Charge	Depending on configuration	
Sound pressure low speed		
Standard	dBA	60

Standard equipment

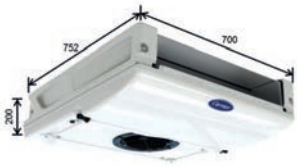
- Fresh Protect
- LogiCOLD Microprocessor
- Automatic phase reverser
- Automatic diesel restart
- Supply air sensor
- Piek compliant noise kit
- Available in R452A

Accessories or options

- Fuel tank 200 L
- Download card
- COLDTouch
- Configuration card
- Light bar
- Dual-view temperature display
- Lift gate power supply
- Fuel warmer
- Additional sensors
- Door switch
- Remote panel & remote panel extension
- DataCOLD range
- Engine vent heater
- Electronic fuel sensor
- Supply evaporator air duct

VECTOR 1950 CITY MT

MVS 700



23 kg

MVS 1100

34 kg

MVS 2200

60 kg

MVD 1100

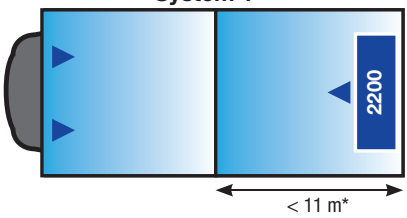
40 kg

MVD 2200

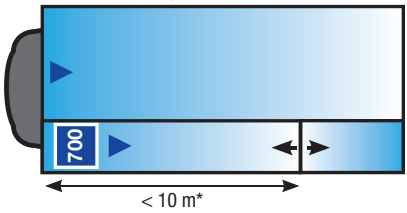
71 kg

VECTOR 1950 CITY MT

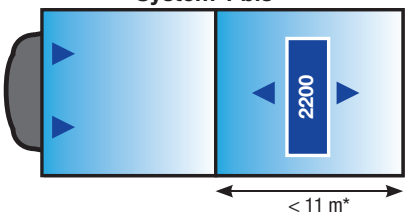
System 1



System 3

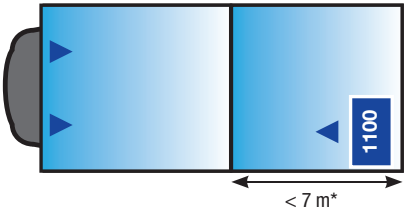


System 1 bis

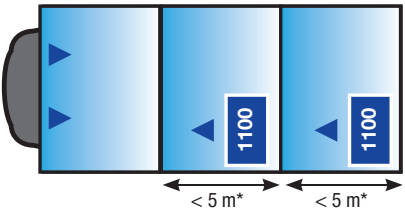


System 3 bis

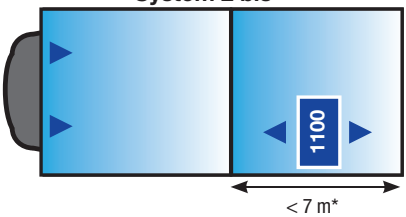
System 2



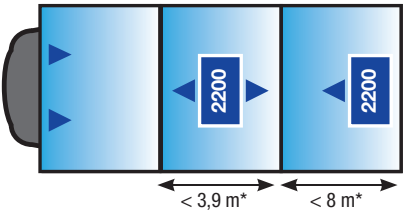
System 4



System 2 bis

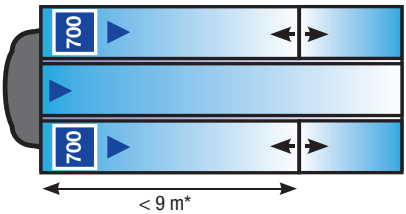


System 5



(*) Compartment lengths are given for 30°C ambient temperature, -20°C compartment temperature.
Other configurations are available upon request.

System 6



NOTES

INDEX

Options / Accessories

Why an option guide ?

The options guide allows you to correctly select the options available on each machine. You can find options for each unit. Options are classified in differents categories : Temperature recorder ; Mounting ; Cold chain ; Fuel ; Noise. With these options you can make profits, you can lower your maintenance costs, lower the noise ....

Options are classified in 5 categories to easier your research to complete customer offer.

LCV
TRUCK
TRAILER

TEMPERATURE RECORDER

LCV
TRUCK
TRAILER

MOUNTING

LCV
TRUCK
TRAILER

COLD CHAIN

LCV
TRUCK
TRAILER

FUEL

LCV
TRUCK
TRAILER

NOISE

What you will find in this guide ?

Application categorie

REC

Option's name

DataCOLD 100

Marketing explication

DataCOLD 100 is an affordable solution to comply with EN12830 and to retrieve recorded data easily with a USB key.

Main product's picture

Units compatibility

Main product's specification

Products Specification

6 sensor inputs (temperature)
4 digital inputs (to recorde door openings)
Memory size :1MO
Standard equipment (Computer communication cable ; USB ; share log files)
Dimensions : 130x130x45mm

Available on

LCV range
Truck range
Trailer range

Variants of options

Benefits

Ease of use
1year record with 6 sensors @ 15min interval
Compliant with the european regulation for transport of frozen food (EN12830)

Variants

Extra sensors (6 max)

Main benefits

When offer this option ?

Part of ATP regulation
For all perishable product

Utilization recommended

Matrix Compatibility

DIRECT DRIVE UNIT OPTIONS	CATEGORY	XARIOS 150	XARIOS 200	XARIOS 300	XARIOS 350	XARIOS 350 MT°	XARIOS 500	XARIOS 600	XARIOS 600 MT°	VIENTO 200	VIENTO 300	VIENTO 350	NEOS 100	NEOS 100S	ZEPHYR 30S	PULSOR 300	PULSOR 350	PULSOR 400	PULSOR 400 MT°	PULSOR 500	PULSOR 600 MT°
DataCOLD 100	Temperature recorder	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
DataCOLD 300	Temperature recorder	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
DataCOLD 600	Temperature recorder	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Copper installation kit	Mounting																		X		X
Oil separator kit	Mounting			X	X	X															
Remote evap installation : 2 m ; 4 m ; 6 m	Mounting	X	X	X	X	X	X	X	X							X	X	X	X	X	X
Roofcut Installation	Mounting	X	X	X	X	X	X	X	X						X	X	X	X	X	X	X
Roofmount Installation	Mounting	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X
Standby module (5kg)	Mounting												X	X							
Upper grill protection	Mounting						X	X	X												
Voltage convertor AC/AC 400/3/50Hz into 230/3/50Hz (12 VDC)	Mounting						X	X	X												
Voltage convertor AC/AC 230/3/60Hz into 400/3/60Hz (12 VDC)	Mounting						X	X	X												
Voltage convertor AC/AC 400/3/50Hz into 230/3/50Hz (24 VDC)	Mounting						X	X	X												
Voltage convertor AC/AC 230/3/60Hz into 400/3/60Hz (24 VDC)	Mounting						X	X	X												
Voltage reducer 24/12VDC	Mounting	X	X	X						X	X				X						
Waterproof box for cab command	Mounting	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Door switch	Cold chain	X	X	X	X	X	X	X	X				X	X		X	X	X	X	X	X
Gas heating boost	Cold chain														X						
Water drain heater : 12V ; 24V	Cold chain	X	X	X	X	X	X	X								X	X	X		X	
Refrigerant sound reduction	Noise	X	X	X	X	X	X	X	X	X	X	X			X						

TRUCK UNIT OPTION	CATEGORY	SUPRA 450	SUPRA 550	SUPRA 750	SUPRA 750 Mt²	SUPRA 850	SUPRA 850 Mt²	SUPRA 1050	SUPRA 1150	SUPRA 1150 Mt²	SUPRA 1250	SUPRA 1250 Mt²	SUPRA 750 SW	SUPRA 850U	SUPRA 950U	SUPRA 1150U Mt²	OASIS 150	OASIS 250	OASIS 250 Mt²	OASIS 350	OASIS 350 Mt²
DataCOLD 100	Temperature recorder	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
DataCOLD 300	Temperature recorder	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
DataCOLD 600	Temperature recorder	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Automatic AC phase reverser	Mounting	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Battery box	Mounting	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
By-pass oil filter	Mounting	X	X	X		X							X				X	X			
Remote oil drain	Mounting	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	
Voltage convertor AC/AC 400/3/50Hz into 230/3/50Hz (12 VDC)	Mounting	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Voltage convertor AC/AC 230/3/60Hz into 400/3/60Hz (12 VDC)	Mounting	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Voltage convertor AC/AC 400/3/50Hz into 230/3/50Hz (24 VDC)	Mounting	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Voltage convertor AC/AC 230/3/60Hz into 400/3/60Hz (24 VDC)	Mounting	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Waterproof box for cab command	Mounting	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X
COLDTrans	Cold chain	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
DataTrak (EPROM)	Cold chain	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Door Switch	Cold chain	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Remote panel 1 CPT surface	Cold chain	X	X	X		X		X	X		X		X	X	X	X	X	X		X	
Remote panel 1 CPT flush	Cold chain	X	X	X		X		X	X		X			X	X	X	X	X		X	
Remote Panel 2 CPTS Surface	Cold chain				X		X			X		X				X			X		X
Remote Panel 2 CPTS Flush	Cold chain				X		X			X		X				X			X		X
Remote Panel 3 CPTS Surface	Cold chain				X		X			X		X				X			X		X
Remote Panel 3 CPTS Flush	Cold chain				X		X			X		X				X			X		X
Supply air control sensor	Cold chain	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
Temperature gauge : 2 m ; 8 m	Cold chain												X								
TRU-View	Cold chain	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Water drain for evaporator : MTS 1100 ; MTS 1450	Cold chain				X		X			X		X				X			X		X
Additional fuel tank fitting	Fuel	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Extra flat fuel tank 75L	Fuel	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
Fuel tank 90L Length 400mm	Fuel	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Fuel tank 90L gauge 12V	Fuel	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Fuel tank 90L Length 750mm with level	Fuel	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Fuel tank 200L / 1 filling neck	Fuel	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Fuel tank 200L / 2 filling necks	Fuel	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Fuel warmer	Fuel	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X

Matrix Compatibility

TRAILER UNIT OPTION	CATEGORY	VECTOR 1350	VECTOR 1550/City	VECTOR E	VECTOR 1950	VECTOR 1950 Mt°
DataCOLD 100	Temperature recorder	X	X	X	X	X
DataCOLD 300	Temperature recorder	X	X	X	X	X
DataCOLD 600	Temperature recorder	X	X	X	X	X
Lift gate power supply : 12V ; 24V	Mounting		X		X	X
Supply evaporator air duct	Mounting	X	X	X	X	X
Additionnal sensors	Cold chain		X		X	X
COLDTouch	Cold chain		X	X	X	X
COLDTrans	Cold chain	X	X	X	X	X
Datashare	Cold chain	X	X	X	X	X
DataTrak (USB Key)	Cold chain	X				
DataTrak (PCMCIA)	Cold chain		X	X	X	X
Door switch	Cold chain	X	X	X	X	X
Download card	Cold chain		X		X	X
Dual -view temperature display (UK right side driver)	Cold chain	X	X		X	X
Dual -view temperature display (left side driver)	Cold chain	X	X		X	X
Engine vent heater	Cold chain				X	X
Light Bar	Cold chain	X	X	X	X	X
Remote panel APX	Cold chain	X				
Remote panel 1CPT flush	Cold chain		X		X	
Remote panel 1CPT surface	Cold chain		X		X	
Remote panel 2CPTS surface	Cold chain					X
Remote panel 2CPTS flush	Cold chain					X
Remote panel 3CPTS surface	Cold chain					X
Remote panel 3CPTS flush	Cold chain					X
TRU-View	Cold chain	X	X	X	X	X
Electronic fuel sensor	Fuel		X		X	X
Fuel tank 90L Length 400mm	Fuel	X	X		X	X
90L fuel tank gauge 12V	Fuel	X	X		X	X
Tank 90L Length 750mm with level	Fuel	X	X		X	X
Fuel tank 200L : 1 filling neck	Fuel	X	X		X	X
Fuel tank 200L : 2 filling necks	Fuel	X	X		X	X
Fuel warmer	Fuel	X	X		X	X
Unit sound reduction : bottom panel	Noise	X	X		X	X
Unit sound reduction : Insulation	Noise	X	X		X	X

DataCOLD 100

DataCOLD 100 is an affordable solution to comply with EN12830 and to retrieve recorded data easily with a USB key.

PRODUCT SPECIFICATION

6 sensor inputs (temperature)
4 digital inputs (to recorde door openings)
Memory size :1MO
Standard equipment (Computer communication cable ; USB ; share log files)
Dimensions : 130x130x45mm

AVAILABLE ON

LCV range
Truck range
Trailer range

BENEFITS

Ease of use
1year record with 6 sensors @ 15min interval
Compliant with the european regulation for transport of frozen food (EN12830)

VARIANTS

Extra sensors (temp , humidity , door)

WHEN OFFER THIS OPTION ?

Part of ATP regulation
For all perishable product

DataCOLD 300

Brings visibility and control to your Cold Chain with the DataCOLD range, temperature recorders for refrigerated transport.

PRODUCT SPECIFICATION

2 sensor inputs (temperature)
1 digital input (to record door openings)
Memory size : 512 KBYTES
60min adjustable logging interval
Display and keypad :
LCD screen background-lit, 80x16 dots
4 coloured soft keys for ease of use
Thermal printer
Languages :
English, French, Dutch, German, Italian, Spanish, Portuguese, Swedish, Romanian, Croatian, Slovenian, Bulgarian, Polish, Turkish
Standard equipment (1 power supply ; 1 temperature sensor)
Dimensions :
300 T (Trailer) : 224x185x112mm
300 R (Radio Format) : DIN size (186x58x148mm)

AVAILABLE ON

LCV range
Truck range
Trailer range

BENEFITS

Cold chain alarm management
Ticket printing in the field
1year record with 2 sensors @ 15min interval
Compliant with the european regulation for transport of fozen food (EN12830)

VARIANTS

R model (DIN format) for installation in-cab
T model for outside trailer installation
Both are available without printer
Extra sensors (temp , humidity , door)

WHEN OFFER THIS OPTION ?

Part of ATP regulation
For all perishable product
For customer who wants to see and print temperature data

REC

DataCOLD 600

Brings visibility and control to your Cold Chain with the DataCOLD range, temperature recorders for refrigerated transport.

PRODUCT SPECIFICATION

6 sensors (temperature or humidity)
4 digital inputs (to record door openings)
1 digital output
Memory size : 8MO
60min adjustable logging interval
Display and keypad :
LCD screen background-lit, 122x32 dots
4 coloured soft keys for ease of use
Thermal printer
Languages :
English, French, Dutch, German, Italian, Spanish, Portuguese, Swedish, Danish, Hungarian, Slovakian, Finnish, Slovenian
Standard equipment (1 power supply ; 2 temperature sensors ; thermal printer)
Dimensions :
600 T (Trailer) : 225x185x112mm
600 R (Radio Format) : DIN size (186x58x148mm)

AVAILABLE ON

LCV range
Truck range
Trailer range

BENEFITS

Cold chain alarm management
Ticket printing in the field
Communication to telematics providers
1year record with 6 sensors @15min interval
Compliant with the european regulation for transport of frozen food (EN12830)

VARIANTS

R model (DIN format) for installation in-cab
T model for outside trailer installation
Both are available without printer
Extra sensors (temp , humidity , door)

WHEN OFFER THIS OPTION ?

Part of ATP regulation
For all perishable product
For customer who wants to see and print temperature data

COLDTrans

COLDTrans, the real-time communications feature within DataCOLD, allows remote and real-time management of temperature-controlled trucks and trailers.

PRODUCT SPECIFICATION

Real time temperature & set point information
Refrigeration unit operation monitoring
Real time GPS position information
Remote cold chain management & alarms
Multi-lingual website
Portal self-administration
Customizable Excel & PDF report
Roaming operated SIM cards
Personnalized Excel & PDF report
SMS alarm system
Geofencing
Standard equipment (Magnetic or windshield antenna ; SIM cards if Carrier European roaming)

AVAILABLE ON

Truck range
Trailer range

BENEFITS

Dedicated cold chain management solution
Constant reporting to website
Data capture when no GPRS coverage
Compliant with the European regulation for transport of frozen food (EN12830)

VARIANTS

SIM cards subscription options :
- Carrier European roaming
- Local subscription
- Own SIM cards usage

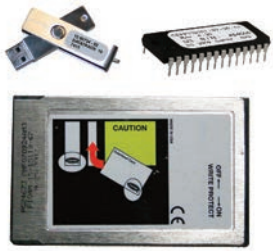
Accessories or options :
- Automatic SMS or Email alert service
- European cartography service
- Excel or PDF preset report service
- Windshield or window patch antenna

WHEN OFFER THIS OPTION ?

For customer who wants telematics application (website)

DataTrak

DataTrak enables the real-time monitoring of your refrigeration unit through your preferred telematics provider (to know which providers are approved, contact Carrier Transicold)



PRODUCT SPECIFICATION

Data available :
-Refrigeration unit operating mode
-Alarms
-Defrost
-Maintenance hours
-Temperatures (setpoint & return air)
-Fuel level (if eqquipped with fuel level sensor)
-Battery voltage

AVAILABLE ON

Truck range (EPROM)
Vector 1350 (USB key)
Trailer range (PCMCIA card)

BENEFITS

Allows telematic monitoring

VARIANTS

N/A

WHEN OFFER THIS OPTION ?

For customer who wants to obtain data of the group and operate on a existing telematics system

Remote evap installation

The extension kit is designed to connect the evaporator when it's installed at the rear or on the side of the box

PRODUCT SPECIFICATION

The refrigeration (Xarios only) and electrical extension kit (harness for Xarios & Pulsor)

AVAILABLE ON

Pulsor range
Xarios range

BENEFITS

Capability to fit any box configuration

VARIANTS

It exist for Pulsor & Xarios in 2, 4 and 6 meters

WHEN OFFER THIS OPTION ?

For mounting of the evaporator other than on front wall

Roof cut installation

Roof cut kit is used when the unit is installed in recessed insulation.

PRODUCT SPECIFICATION

Supplied with shock mount.
It will increase product height by 2mm.

AVAILABLE ON

Pulsor range
Xarios range
Zehyr range

BENEFITS

Keeps aesthetic of vehicle
Reduces unit aerodynamics impact

VARIANTS

N/A

WHEN OFFER THIS OPTION ?

Mainly for integrated insulated van

Roof mount installation

Roof mount kit is used when the unit is installed on the roof of the van, this option has a rear cover to keep the aesthetic of the unit and the van.

PRODUCT SPECIFICATION

Supplied with shock mount and rear cover.
It will increase product depth by :
83 mm for Xarios 150 ; 200 and Neos 100S,
70 mm for Zephyr 30S.
147 mm for Xarios 300 ; 350,
146 mm for Pulsor 300 ; 350 ; 400 ; 400Mt°.
And increase overall height by ~25 mm

AVAILABLE ON

Xarios range
Pulsor range
Viento range
Zephyr range
Neos 100 Split

BENEFITS

Easy to install
Minimum vehicle modification
Keeps the aesthetic of vehicle

VARIANTS

Yes, dedicated to eache appliable range

WHEN OFFER THIS OPTION ?

Mainly for integrated insulated van when roof cut installation is not possible

Standby module (5kg)

The standy module is to upgrade a Neos Road only unit into a Neos Road/Standby unit

PRODUCT SPECIFICATION

220/1/50-60Hz

AVAILABLE ON

Neos range

BENEFITS

The standby module can be place under or behind the seat (in driver's cab)
Standby plug can be installed in the front bumper to keep aesthetic of the vehicle

VARIANTS

N/A

WHEN OFFER THIS OPTION ?

For customer who wants road & standby unit

Voltage reducer 24/12V DC

The voltage reducer kit is an option to install 12V DC LCV unit on 24V DC vehicle

PRODUCT SPECIFICATION

Allow 350W DC power management.

BENEFITS

Flexibility to adapt 12VDC LCV unit on 24VDC Truck

WHEN OFFER THIS OPTION ?

Compatibility of the electric voltage between the truck and the unit

AVAILABLE ON

Xarios 150, 200, 300
Zephyr 30S
Viento 200, 300

VARIANTS

N/A

Voltage convertor AC/AC

Those kits will allow to modify the standby voltage according customer standby network at commissioning.
Will keeping initial unit performances.

PRODUCT SPECIFICATION

400/3/50Hz into 230/3/50Hz (12 VDC)
230/3/60Hz into 400/3/60Hz (12 VDC)
400/3/50Hz into 230/3/50Hz (24 VDC)
230/3/60Hz into 400/3/60Hz (24 VDC)

AVAILABLE ON

Xarios 500, 600, 600Mt°
Truck range

BENEFITS

Adapts different voltage
Less constraints in unit selection

VARIANTS

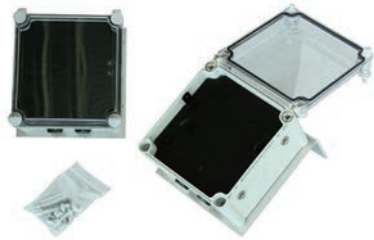
400/3/50Hz into 230/3/50Hz (12 VDC)
230/3/60Hz into 400/3/60Hz (12 VDC)
400/3/50Hz into 230/3/50Hz (24 VDC)
230/3/60Hz into 400/3/60Hz (24 VDC)

WHEN OFFER THIS OPTION ?

Voltage compatibility of the unit with standby network

Waterproof box for cab command

Waterproof box allows cab command installation outside driver's cab and protects it from external conditions.



PRODUCT SPECIFICATION

To fit the cab command inside an IP protected box.
Dimensions : 200 mm x 200 mm x133 mm

BENEFITS

Safely cab command outside of the Van
Safely cab command outside of the Truck

WHEN OFFER THIS OPTION ?

Mobile box and small trailer
Mobile box and drawbar application

AVAILABLE ON

LCV range
Truck range except Supra 750 SW

VARIANTS

N/A

Automatic AC phase reverser

This option allows not taking care of how the standby network connection is made.

PRODUCT SPECIFICATION

For 400V/3/50Hz

AVAILABLE ON

Supra 850U

BENEFITS

Peace of mind regarding your standby network

VARIANTS

Contact your distributor

WHEN OFFER THIS OPTION ?

For customer who uses standby networks in different locations

Battery box

Battery box allow battery installation underneath the Truck chassis.

PRODUCT SPECIFICATION

To fit the battery inside a protected box.
Dimensions : 450mm x 282mm x 228mm

BENEFITS

A protection for battery
Easy access
Insures battery integrity

WHEN OFFER THIS OPTION ?

Highly recommended to fix the battery on the truck chassis

AVAILABLE ON

Truck range

VARIANTS

Contact your distributor

By-pass oil filter

Additional filter to increase oil capacity and to extend oil drain interval.

PRODUCT SPECIFICATION

Oil drain interval extension depending of the unit :
From 550 to 750 hours
From 750 to 1000 hours

AVAILABLE ON

Supra 450, 550, 750, 850
Supra 750 SW
Oasis 150, 250

BENEFITS

Increases oil capacity
Extends oil drain intervals

VARIANTS

N/A

WHEN OFFER THIS OPTION ?

For customer who wants to increase oil drain interval

Remote oil drain

Allows to remote the oil drain plug for an easier access.

PRODUCT SPECIFICATION

Available in 1 meters or 2 meters.

AVAILABLE ON

Oasis (single temp version)
Supra range

BENEFITS

Easier for the maintenance
Oil drain plug easier to access

VARIANTS

Contact your distributor

WHEN OFFER THIS OPTION ?

Improves process for oil drain maintenance.

Lift gate power supply

This kit allows to energize trailer tail lift with Vector refrigeration unit.

PRODUCT SPECIFICATION

Available in 12V (40 Amp battery charger) and 24V (20 Amp battery charger or 10 Amp)

AVAILABLE ON

Vector 1550, 1950, 1950Mt°

BENEFITS

Improves battery life time

VARIANTS

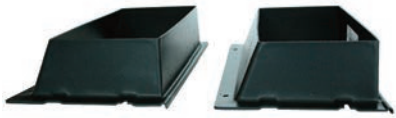
Lift gate power supply

WHEN OFFER THIS OPTION ?

When Trailer box is equipped with lift gate

Supply evaporator air duct

In case there is no air duct inside the box we recommend to install this kit made by evaporator nozzle to insure a good air distribution inside the box.



PRODUCT SPECIFICATION

Opening : 438mm x 224mm x 83mm

BENEFITS

Regulates the air flow
Improves temperature homogeneity in the box in cargo load extrem conditions

WHEN OFFER THIS OPTION ?

For customer who doesn't have air chute

AVAILABLE ON

Trailer range

VARIANTS

N/A

Copper installation kit

Copper installation kit allow flexbility in your evap positionning

PRODUCT SPECIFICATION

Length 4 meters
Copper pipe

AVAILABLE ON

Pulsor Mt°

BENEFITS

Allowing flexibility in evaporator positionning
Ensuring the best moisture proof trought time

VARIANTS

N/A

WHEN OFFER THIS OPTION ?

When evaporator positionning are behind the half of the box

Upper grill protection

This grill allow unit protection against external debris

PRODUCT SPECIFICATION

1122mm x 285mm
Steel with epoxy white paint finish

AVAILABLE ON

Xarios 500, 600, 600Mt°

BENEFITS

To avoid external debris inside the condensing unit

VARIANTS

N/A

WHEN OFFER THIS OPTION ?

When your environment is submited to branches, leaves falls and all other external debris

Oil separator kit

Carrier is recommending this kit to ensure optimal road compressor performances when using the unit mainly in standby

PRODUCT SPECIFICATION

Oil separator and hoses to be installed inside the condensing unit

AVAILABLE ON

Xarios 300, 350, 350Mt°

BENEFITS

Optimize road compressor performances when application is mainly on standby

VARIANTS

N/A

WHEN OFFER THIS OPTION ?

When application is mainly in standby

Gas heating boost

Carrier Transicold recommends this option for units running in low ambient temperature in order to increase the heating capacity when using R134a (Z30s).

PRODUCT SPECIFICATION

The condenser closing valve should be activated into the microprocessor, the configuration is done with the cab command.

AVAILABLE ON

Zephyr 30S

BENEFITS

Increases heating capacity of Z30 s (R134a)

VARIANTS

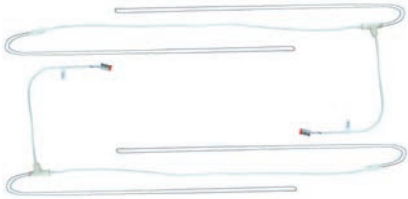
N/A

WHEN OFFER THIS OPTION ?

For delivery in cold countries
For positive application above 12°C with Z30 s (R134a) unit

Water drain heater 12V & 24V

Water drain heater kit is highly recommended on units running in frozen application to avoid icing inside water hoses.



PRODUCT SPECIFICATION

52W water drain
Length of heating parts 2,60 meters (x2 heating parts)

BENEFITS

Improves water drain for frozen application
Avoids icing inside water hoses

WHEN OFFER THIS OPTION ?

Frozen transport and frequent door openings

AVAILABLE ON

Xarios single temperature range
Pulsor single temperature range

VARIANTS

Water drain heater 12 V & 24V

Supply air control sensor (SAS)

This sensor will avoid top freezing of the sensitiveload (fresh vegetables, flowers …)
It will switch the box temperature regulation from return air to supply air and limit the minimum temperature of supply air.

PRODUCT SPECIFICATION

Air output of evaporator can not be below 2°C
Involves the operation unit in continuous mode

AVAILABLE ON

Supra range

BENEFITS

Preserves quality of cargo goods
Avoids the top freezing of the sensitiveload

VARIANTS

N/A

WHEN OFFER THIS OPTION ?

For sensitive load, to prevent top freezing

Temperature gauge

An external view of the internal temperature of the box (analog type).

PRODUCT SPECIFICATION

Ambiant temperature range : -40°C to + 40°C
Available in 2 meters and 8 meters.

AVAILABLE ON

Supra 750 SW

BENEFITS

Easier temperature control
Quick monitoring of internal box temperature

VARIANTS

Temperature gauge 8M

WHEN OFFER THIS OPTION ?

For customer who wants to control the internal temperature from outside of the box

Water drain for evaporator

Water drain kit improves defrost water evacuation and avoids water splashing effect.

PRODUCT SPECIFICATION

Heater : 40W 12V
Available in : 1450 mm or 1100 mm

BENEFITS

Avoids water splashing
Protects cargo
Avoids icing floor

WHEN OFFER THIS OPTION ?

For MTS 1450 & MTS 1100 rear mounted

AVAILABLE ON

Multi temperature range

VARIANTS

Water drain for evaporator MTS 1100

Additionnal sensors

Allows to compare box temperature to return air temperature.

PRODUCT SPECIFICATION

Alarm in case of temperature difference (2°C) between sensors.

AVAILABLE ON

Vector 1550, 1950, 1950Mt°

BENEFITS

Additional temperature monitoring

VARIANTS

N/A

WHEN OFFER THIS OPTION ?

To improve box temperature monitoring.

Door switch

In order to comply with best loading practicies, Carrier recommends to install door switch in order to shut down the unit when loading the Van.
This device will reduce warm air penetration into the box.

PRODUCT SPECIFICATION

This information will be monitored in Datacold (If equippe)
It provides to the micro with a signal in order to monitor door oppenings switch of evaporator fans when door opening.

AVAILABLE ON

Xarios range
Neos range
Pulsor range
Truck range
Vector range

BENEFITS

Respect of cold chain
Limits defrost effect
Monitor cargo integrity
Improves energy efficiency

VARIANTS

N/A

WHEN OFFER THIS OPTION ?

For multiple door openings

Engine vent heater

Heating kit to avoid frost or ice inside the engine breather.
The heat is made by using coolant liquid.

PRODUCT SPECIFICATION

To be fitted on the unit engine.

AVAILABLE ON

Vector 1950, 1950 Mt°

BENEFITS

Easy restart in cold ambient temperature

VARIANTS

N/A

WHEN OFFER THIS OPTION ?

For low ambient countries

COLDTouch

With COLDTouch, an in-cab wireless screen, go forwad, keep an eye on the sensitive trailer box information and serenely drive your load to destination, everywhere in EMEAR

PRODUCT SPECIFICATION

Connection to Carrier Transicold equipment
Wireless industrial protocol 868 MHz
30 meters communication range
Box status information
Automatic pairing
Zoom view
Fuel level (only for Vector range)
2-way remote control
Standard equipment (Power & Carrier unit communication cable)
Up to 3 independent digital sensors (for TK compatibility)

AVAILABLE ON

Trailer range

BENEFITS

Remote monitoring
Load protection
Driver safety & comfort

VARIANTS

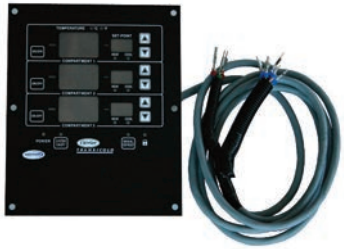
Independent digital sensors

WHEN OFFER THIS OPTION ?

To monitor unit status and temperature from inside the driver's cab

Remote panel

With the remote panel, control your Carrier unit from the back of the trailer or another remote location of your choice.



PRODUCT SPECIFICATION

Turn On/Off compartments
Change setpoints
Monitor temperature
Lock display
Sleeper mode
Flush mounted dimensions :
244,5x200x30mm
Surface mounted dimensions :
160x210x36mm
Available in Celsius & Fahrenheit degree
Standard equipment (Power & Carrier unit communication cable)

AVAILABLE ON

Supra Multi temperature range
Vector 1550, 1950, 1950 Mt°

BENEFITS

Cold chain alarm management
Contribute to reduce monitoring time in fleet management
Easier temperature control
Quick monitoring of internal box temperature

VARIANTS

Remote panel 1 CPT surface
Remote panel 1 CPT flush
Remote panel 2 CPTS surface
Remote panel 2 CPTS flush
Remote panel 3 CPTS surface
Remote panel 3 CPTS flush
Connection kit 2 remote panel

WHEN OFFER THIS OPTION ?

For customer who wants to control the unit from the rear of the box

Remote panel APX

With the remote panel APX, control your Carrier unit from the back of the trailer or another remote location of your choice.

PRODUCT SPECIFICATION

Turn On/Off compartments
-Change setpoints
-Monitor temperature
-Lock display
-Sleeper mode
-Flush mounted dimensions : 258 x 258 x 38
-Surface mounted dimensions : 254 x 178 x 45
-Available in Celsius & Fahrenheit degree
Using a COMM-module connector is mandatory for Vector 1350

AVAILABLE ON

Vector 1350

BENEFITS

Cold chain management
Contribute to reduce monitoring time in fleet management
Easier temperature control
Quick monitoring of internal box temperature

VARIANTS

Remote panel 1 CPT flush
Remote panel 1 CPT surface

WHEN OFFER THIS OPTION ?

For customer who wants to control the unit from the rear of the box

Dual-view temperature display

Sensor monitor : the Dual-View Temperature Display is an effective way to independently monitor a trailer's box temperature on the road or in the yard

PRODUCT SPECIFICATION

Independant temperature monitoring (display up to 3 temperature zones in °C or °F)
Reefer unit status when connected (Cool "C" ; Heat "H" ; Defrost "F" ; Warning "8")
Driver-friendly design :
Mirror viewing & yard monitoring
High visibility amber LED
Auto dimming
Quick connect harnesses : installs in
Reverse image option
Standard equipment (1 temperature sensor)

AVAILABLE ON

Vector 1550, 1950, 1950Mt°

BENEFITS

Scrolling multitemperature information
Driver safety & comfort
High visibility

VARIANTS

Right side driver (UK)

WHEN OFFER THIS OPTION ?

For customer who wants a visual unit status and reading the temperature

Light bar

High visibility LEDS with wide viewing angle.

PRODUCT SPECIFICATION

Green lights indicate ”OK”, amber lights mean ”check unit”. Alarms can be read on the Display.
Mount either on a bracket, on the face of a trailer or in recessed applications.
LED technology
Standard equipment (Power & Vector unit communication cable)

AVAILABLE ON

Vector range

BENEFITS

Wide viewing angle
Simplified fleet management : long distance yard view
Low energy consumption

VARIANTS

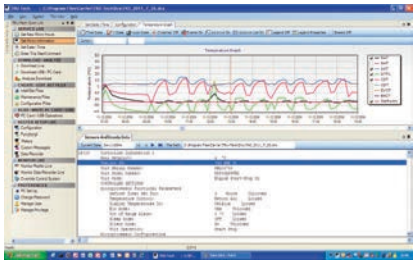
N/A

WHEN OFFER THIS OPTION ?

To have a visual unit status from outside of the box

TRU-View

TRUTech is an efficient PC tool that will help the local Carrier service center to analyse your refrigeration unit to perform the best maintenance



PRODUCT SPECIFICATION

Windows XP, Vista and 7 (32 & 64 bits)

AVAILABLE ON

Truck range
Trailer range

BENEFITS

Designed by Carrier Transicold's engineers, TRUTech is compatible with all Truck & trailer units

VARIANTS

TRUView is a lighter version of TRUTech, available for our customer who want to perform part of the maintenance themselves

WHEN OFFER THIS OPTION ?

For customer who wants data download directly from the unit

Datashare

Datashare is a card that plugs in the control box and downloads automatically the internal memory of your Vector unit

PRODUCT SPECIFICATION

PCMCIA cards (needs TRU-Tech or TRU-View)

BENEFITS

An easy way to retrieve the last 2 months of information datas when you are on the road

WHEN OFFER THIS OPTION ?

For customer who wants data download directly from the unit

AVAILABLE ON

Vector 1550, 1950, 1950 Mt°

VARIANTS

N/A

Download card

To download easily data from the unit data recorder in PCMCIA format.
You can read and analyze the data on your laptop with TRU-Tech

PRODUCT SPECIFICATION

PCMCIA Format (needs TRU-Tech and TRU-View software)

BENEFITS

Allows easy and fast download from unit data.
Enables Data archiving

WHEN OFFER THIS OPTION ?

Only for ADVANCE micro for customer who wants to download data

AVAILABLE ON

Vector 1550, 1950, 1950Mt°

VARIANTS

N/A

Additional fuel tank fitting

Allows fuel connection of the unit in the Truck fuel tank.

PRODUCT SPECIFICATION

Internal piping length : 585mm
Overall length : 635mm
Piping diameter : 6mm
Warning before ordering please complaincy with your local regulation.

AVAILABLE ON

Truck range

BENEFITS

Adapts to every Truck tanks

VARIANTS

Contact your distributor

WHEN OFFER THIS OPTION ?

Avoids additional tank

Extra flat fuel tank 75L

Allow independent fuel management for the unit.
Moreover, it has a compact design.

PRODUCT SPECIFICATION

75L
Dimensions : 800mm x 1400mm x 87mm

BENEFITS

Differentiates fuel consumption of the refrigeration unit from the truck
Specific extra flat design allows space saving

WHEN OFFER THIS OPTION ?

Flat design for wall installation

AVAILABLE ON

Supra range

VARIANTS

N/A

Fuel tank 90L

Allows independent fuel management for the unit.

PRODUCT SPECIFICATION

90L
Available in : 750mm x 340mm x 485mm
or 600mm x 537mm x 400mm

AVAILABLE ON

Truck range
Trailer range

BENEFITS

Differentiates fuel consumption of the refrigeration unit from the truck

VARIANTS

Tank 90L length 400mm
Tank 90L length 750mm
90L tank gauge 12V

WHEN OFFER THIS OPTION ?

Recommended to make fuel unit consumption independent from the truck

Fuel tank 200L

Allows independent fuel management for the unit.

PRODUCT SPECIFICATION

200L
Diameter : 472mm Length : 1270mm

AVAILABLE ON

Truck range
Trailer range

BENEFITS

Differentiates fuel consumption of the refrigeration unit from the truck

VARIANTS

Fuel tank 200L : 1 filling neck
Fuel tank 200L : 2 filling necks

WHEN OFFER THIS OPTION ?

Recommended to make fuel unit consumption independent from the truck .

Fuel warmer

Avoids fuel freezing at the filter level.

PRODUCT SPECIFICATION

Start to warm below 6°C (42,8°F)

BENEFITS

Easy restart in cold ambient temperature
Avoid gasoil freezing

WHEN OFFER THIS OPTION ?

For low ambient countries

AVAILABLE ON

Truck range except Supra Undermount Vector range

VARIANTS

Contact your distributor

Electronic fuel sensor

This sensor will communicate directly with Vector ADVANCE Micro.
Therefore you will get directly fuel level information on Vector display.
This sensor is connected to the Vector and displays the fuel level and triggers alarms when the level is too low.

PRODUCT SPECIFICATION

Capacitive sensor
Only 12 Volt DC
Overall length from 460mm up to 940mm
Internal tube length from 421mm up to 839mm
Standard equipment (Power & Carrier unit communication cable)

AVAILABLE ON

Vector 1550, 1950, 1950Mt°

BENEFITS

Never run low on fuel

VARIANTS

Carrier tanks
Other tanks

WHEN OFFER THIS OPTION ?

For customer who wants to monitor the fuel level

Refrigerant sound reduction

The muffler kit will reduce the refrigerant flow noise when the hoses are mounting inside the driver's cab.

PRODUCT SPECIFICATION

This kit has to be installed behind driver's cab.

AVAILABLE ON

Xarios range
Viento range
Zephyr 30S

BENEFITS

Improves driver comfort
Easy to install
Reduces vibration in driver cab

VARIANTS

N/A

WHEN OFFER THIS OPTION ?

Sensitivity to noise and vibration

Unit sound reduction : bottom panel

This bottom panel kit can be used to reduce noise level
Reduces heat inside and around unit by guiding airflow to each side of trailer

PRODUCT SPECIFICATION

Large or slim

BENEFITS

Reduces unit noise level
More flexibility for urban distribution
Improves driver comfort

WHEN OFFER THIS OPTION ?

Sensitivity to noise and vibration

AVAILABLE ON

Vector range

VARIANTS

Bottom Panel Large
Bottom Panel Slim

Unit sound reduction : insulation

This sound reduction kit contributes to upgrade standard version into low noise version

PRODUCT SPECIFICATION

Insulated doors
Insulation back panel

AVAILABLE ON

Vector range

BENEFITS

Reduces unit noise level
More flexibility for urban distribution
Improves driver comfort

VARIANTS

N/A

WHEN OFFER THIS OPTION ?

Sensitivity to noise and vibration

Our company is constantly seeking to improve the quality of its products and, therefore, reserves the right to modify its products without prior notice.

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