



coldchain

Temperature Control Solutions



The reliable, powerful
parking cooler
for a refreshing rest




VIESA
Kompressor III



VIESA Kompressor III offers drivers a cool, quiet environment for resting.

The low electricity consumption allows use for a long time when stopped, with an excellent acoustic comfort due to use of innovative materials that guarantee limited weight and low vibrations.



Kompressor III

VIESA Kompressor III is the result of more than three years of partnership with the Thermo-technical Department of the University of Florence. Designed to guarantee the best climate comfort when the truck is stopped, maintaining a constant temperature inside the cab.

VIESA Kompressor III: new shell, new parts and new electronics. The keyword is "essential": few components (only 39!), maximum reliability.

The shell of the parking cooler* is brand new, made with expanded polypropylene, (which has been used to make car bumpers), perfect soundproofing, light and with excellent heat insulation.

The new construction concept also lowers weight, allowing the parking cooler* not to exceed 14 kg (the lightest in its category) with a weight reduction of more than 40% compared to VIESA Kompressor IIS. Lower weight means lower diesel consumption and more loading capacity.

Aerodynamic study has permitted a drastic reduction of turbulence and noise: acoustic comfort is one of the new VIESA Kompressor III's strengths.

VIESA Kompressor III was designed to permit full free space inside: the mounting kit is perfectly integrated with the roof cabin.

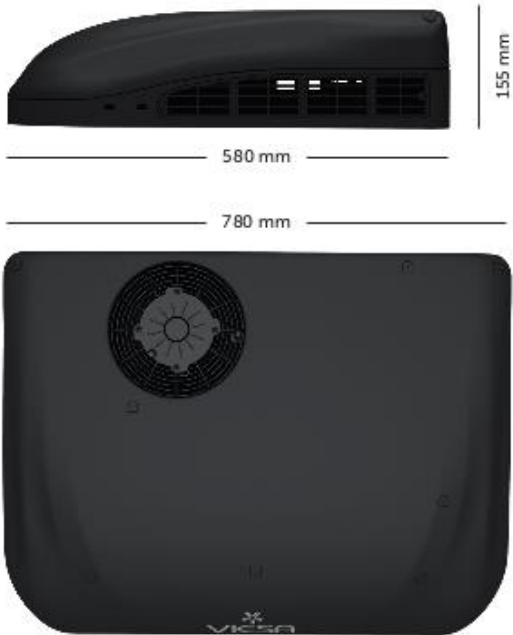
It's approved for electromagnetic compatibility (ECE R10). No interference with radio or CB.

The new parking cooler* keeps its promises: the rotary compressor is the perfect balance between performance and consumption.

VIESA Kompressor III, moreover, let you save on fuel costs.

The project was carried out considering all variables related to all operating costs.

** VIESA Kompressor III isn't an alternative to the vehicle's air conditioning, but a unit for maintaining the internal temperature once the engine is stopped. The best balance between climate comfort and energy consumption. With VIESA Kompressor III, the driver will never have problems with the truck batteries, because the consumption is limited to a minimum.*



VIESA Kompressor III, the parking cooler* that saves on costs

- **Fuel saving**

The driver doesn't need to use the truck to let the parking cooler work, because VIESA Kompressor III works only with truck batteries.

- **Longer battery life**

The new automotive electronics reduce the charge/discharge cycles. This means that batteries have less stress and increase their life.



Functions of the power control

- Simplified, more intuitive menu navigation.
- 200% bigger display, with adjustable contrast and brightness.
- 9 fans speeds.
- Timer on/off.
- Automatic control of temperature.
- Solo fan operating.
- Disable sound function.
- Self-diagnosis.
- Total working hours.
- Clock.
- Battery charge level.

Protections against:

- Reversed polarity.
- Short circuit, low and high compressor consumption.
- Short circuit, low and high ventilation consumption.
- Short circuit, low and high axial extractor fan consumption.
- Low and high service battery voltage (battery protection).
- System with no coolant gas (disables the cold circuit).
- Evaporator freezing.
- High inverter temperature.
- High and low system pressure.



TECHNICAL SPECIFICATIONS	NOTES
Battery consumption at 24 V	12.3 Ah
Battery consumption at 24 V (only fan)	from 0.9 to 2.3 Ah
Mounting Kit	customised for each brand/model
Air flaps	swing up to 180°
Sizes H x W x L	155x780x580 mm
Weight	14 Kg
Compressor	horizontal rotary, 24-volt
Power supply	24 volts DC
Performance	1100 watts – 3750 Btu
Air flow	500 m ³ /h
Loading and check valves	system pre-charged, ready for use
Pressure switch with protection	for high and low pressure
Remote control	complete with all functions
Gas	R134a
Condenser and evaporator	high thermal efficiency
Unit maintenance	none

VIESA...That's all!

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